

ARTÍCULOS DEL MES DE ENERO DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Breton, N. & Ramirez-Codiz, C. E. (2015). On the NUT-Born-Infeld- spacetime. [Annals of Physics](#), 353, 252-270.
- 2 Abeysekara, A. U., Alfaro, R., Alvarez, C. et al. (2015). Vamos: a Pathfinder for the Hawc Gamma-Ray Observatory. [Astroparticle Physics](#), 62, 125-133.
- 3 Salazar-Varas, R. & Gutierrez, D. (2015). An optimized feature selection and classification method for using electroencephalographic coherence in brain-computer interfaces. [Biomedical Signal Processing and Control](#), 18, 11-18.
- 4 Cruz-Ortiz, B. R., Cortes-Hernandez, D. A., Diaz-Jimenez, M. L. & Mauricio-Benavides, J. E. (2015). Antibacterial Activity of Tio₂-Casitio₅ Materials Synthesised From a Spent Catalyst. [Ceramics International](#), 41(2), 2484-2491.
- 5 Duarte-Mermoud, M. A., Aguila-Camacho, N., Gallegos, J. A. & Castro-Linares, R. (2015). Using General Quadratic Lyapunov Functions to Prove Lyapunov Uniform Stability for Fractional Order Systems. [Communications in Nonlinear Science and Numerical Simulation](#), 22(1-3), 650-659.
- 6 Bereg, S., Diaz-Banez, J. M., Fabia-Monroy, R., Perez-Lantero, P., Ramirez-Vigueras, A., Sakai, T., Urrutia, J. & Ventura, I. (2015). On Balanced 4-Holes in Bichromatic Point Sets. [Computational Geometry-Theory and Applications](#), 48(3), 169-179.
- 7 Quiroz-Castellanos, M., Cruz-Reyes, L., Torres-Jimenez, J., Gomez, C. S., Huacuja, H. J. F. & Alvin, A. C. F. (2015). A Grouping Genetic Algorithm With Controlled Gene Transmission for the Bin Packing Problem. [Computers & Operations Research](#), 55, 52-64.
- 8 Rodriguez-Tello, E., Romero-Monsivais, H., Ramirez-Torres, G. & Lardeux, F. (2015). Tabu search for the cyclic bandwidth problem. [Computers & Operations Research](#), 57, 17-32.
- 9 Diaz-Reyes, J., Castillo-Ojeda, R. S., Sanchez-Espindola, R., Galvan-Arellano, M. & Zaca-Moran, O. (2015). Structural and Optical Characterization of Wurtzite Type Zns. [Current Applied Physics](#), 15(2), 103-109.
- 10 Mejia-Bentez, M. A., Bonnefond, A., Yengo, L. et al. (2015). Beneficial Effect of a High Number of Copies of Salivary Amylase Amy1 Gene on Obesity Risk in Mexican Children. [Diabetologia](#), 58(2), 290-294.
- 11 Bereg, S., Hurtado, F., Kano, M., Korman, M., Lara, D., Seara, C., Silveira, R. I., Urrutia, J. & Verbeek, K. (2015). Balanced Partitions of 3-Colored Geometric Sets in the Plane. [Discrete Applied Mathematics](#), 181, 21-32.

- 12 Ayon, J. J., Barocio, E. & Messina, A. R. (2015). Blind Extraction and Characterization of Power System Oscillatory Modes. [Electric Power Systems Research](#), 119, 54-65.
- 13 Rosas-Caro, J. C., Mayo-Maldonado, J. C., Valderrabano-Gonzalez, A., Beltran-Carbajal, F., Ramirez-Arredondo, J. M. & Rodriguez-Rodriguez, J. R. (2015). Dc-Dc Multiplier Boost Converter With Resonant Switching. [Electric Power Systems Research](#), 119, 83-90.
- 14 Tobon, J. E., Ramirez, J. M. & Gutierrez, R. E. C. (2015). Tracking the Maximum Power Transfer and Loadability Limit From Sensitivities-Based Impedance Matching. [Electric Power Systems Research](#), 119, 355-363.
- 15 Sanz, F. A., Ramirez, J. M. & Correa, R. E. (2015). Experimental design for a large power system vulnerability estimation. [Electric Power Systems Research](#), 121, 20-27.
- 16 Adj, G., Menezes, A., Oliveira, T. & Rodriguez-Henriquez, F. (2015). Weakness of F-36.1429 And F-24.3041 For Discrete Logarithm Cryptography. [Finite Fields and Their Applications](#), 32, 148-170.
- 17 Benkeblia, N. & Lopez, M. G. (2015). Saccharides and Fructooligosaccharides Composition of Green and Ripe Averrhoa Carambola, Blighia Sapida and Spondias Dulcis Fruits. [Food Chemistry](#), 176, 314-318.
- 18 Mellado-Mojica, E. & Lopez, M. G. (2015). Identification, Classification, and Discrimination of Agave Syrups From Natural Sweeteners by Infrared Spectroscopy and Hpaec-Pad. [Food Chemistry](#), 167, 349-357.
- 19 Rocha, L., Alonso-Vanegas, M., Martinez-Juarez, I. E. et al. (2015). Gabaergic Alterations in Neocortex of Patients With Pharmacoresistant Temporal Lobe Epilepsy Can Explain the Comorbidity of Anxiety and Depression: the Potential Impact of Clinical Factors. [Frontiers in Cellular Neuroscience](#), 8, 442.
- 20 Gimenez, A. J., Luna-Barcenas, G., Sanchez, I. C. & Yanez-Limon, J. M. (2015). Paper-Based ZnO Oxygen Sensor. [Ieee Sensors Journal](#), 15(2), 1246-1251.
- 21 Gamboa, F., Perez, I., Matutes-Aquino, J. A., Moewes, A. & Sosa, V. (2015). Determination of the Critical Current Density in Yba2cu3o7-Delta Thin Films Measured by the Screening Technique Under Two Criteria. [Ieee Transactions on Applied Superconductivity](#), 25(1), 8000105.
- 22 Silva-Ortigoza, R., Hernandez-Guzman, V. M., Antonio-Cruz, M. & Munoz-Carrillo, D. (2015). Dc/Dc Buck Power Converter as a Smooth Starter for a Dc Motor Based on a Hierarchical Control. [Ieee Transactions on Power Electronics](#), 30(2), 1076-1084.
- 23 Romero-Ramirez, H., Morales-Guadarrama, M. T., Pelayo, R., Lopez-Santiago, R. & Santos-Argumedo, L. (2015). Cd38 Expression in Early B-Cell Precursors Contributes to Extracellular Signal-Regulated Kinase-Mediated Apoptosis. [Immunology](#), 144(2), 271-281.
- 24 Gonzalez-Hernandez, L. (2015). New Bounds for Mixed Covering Arrays in T-Way Testing With Uniform Strength. [Information and Software Technology](#), 59, 17-32.

- 25 Aragon, V. S., Esquivel, S. C. & Coello, C. A. C. (2015). An Immune Algorithm With Power Redistribution for Solving Economic Dispatch Problems. [Information Sciences](#), 295, 609-632.
- 26 Trujano-Ortiz, L. G., Gonzalez, F. J. & Quintanar, L. (2015). Redox Cycling of Copper-Amyloid Beta 1-16 Peptide Complexes Is Highly Dependent on the Coordination Mode. [Inorganic Chemistry](#), 54(1), 4-6.
- 27 Arenzano, J. A., Virues, J. O., Colorado-Peralta, R., Ramirez-Montes, P. I., Santillan, R., Sanchez, M. & Rivera, J. M. (2015). Heterometallic Coordination Framework by Sodium Carboxylate Subunits and Cobalt (Iii) Centers Obtained From a Highly Hydrogen Bonding Stabilized Cobalt (Ii) Monomeric Complex. [Inorganic Chemistry Communications](#), 51, 55-60.
- 28 Carrasco, R., Carlos-Hernandez, S. & Cadet, C. (2015). Neural Identification of Thermochemical Processes for Solid Wastes Transformation. [Intelligent Automation and Soft Computing](#), 21(1), 77-95.
- 29 Cardenas-Guerra, R. E., Ortega-Lopez, J., Flores-Pucheta, C. I., Benitez-Cardoza, C. G. & Arroyo, R. (2015). The Recombinant Prepro Region of Tvcp4 Is an Inhibitor of Cathepsin L-Like Cysteine Proteinases of Trichomonas Vaginalis That Inhibits Trichomonal Haemolysis. [International Journal of Biochemistry & Cell Biology](#), 59, 73-83.
- 30 Diaz, J. M. H., Valdes, A. F. & Palacios, R. O. (2015). Preparation of Al-Cu Alloys by Aluminothemic Reduction of CuO Using Submerged Powder Injection Assisted With Mechanical Agitation: Thermodynamic Approach and Kinetic Measurements. [International Journal of Cast Metals Research](#), 28(1), 9-19.
- 31 Estrada-Vargas, A. P., Lesage, J. J. & Lopez-Mellado, E. (2015). A Stepwise Method for Identification of Controlled Discrete Manufacturing Systems. [International Journal of Computer Integrated Manufacturing](#), 28(2), 187-199.
- 32 Rubio, J. F. M., Cuellar, B. D., Villa, M. V. & Ramirez, J. D. A. (2015). An Improved Sufficient Condition for Stabilisation of Unstable First-Order Processes by Observer-State Feedback. [International Journal of Control](#), 88(2), 403-412.
- 33 Rodriguez-Castellanos, W., Flores-Ruiz, F. J., Martinez-Bustos, F., Chinas-Castillo, F. & Espinoza-Beltran, F. J. (2015). Nanomechanical Properties and Thermal Stability of Recycled Cellulose Reinforced Starch-Gelatin Polymer Composite. [Journal of Applied Polymer Science](#), 132(14), 41787.
- 34 Sarmiento-Perez, R., Cerqueira, T. F. T., Valencia-Jaime, I., Amsler, M., Goedecker, S., Romero, A. H., Botti, S. & Marques, M. A. L. (2015). Novel Phases of Lithium-Aluminum Binaries From First-Principles Structural Search. [Journal of Chemical Physics](#), 142(2), 024710.
- 35 Kravchenko, V. V. & Torba, S. M. (2015). Analytic Approximation of Transmutation Operators and Applications to Highly Accurate Solution of Spectral Problems. [Journal of Computational and Applied Mathematics](#), 275, 1-26.

- 36 Babu, B. J., Velumani, S., Arenas-Alatorre, J., Kassiba, A., Chavez, J., Park, H., Hussain, S. Q., Yi, J. & Asomoza, R. (2015). Structural Properties of Ultrasonically Sprayed Al-Doped Zn (Azo) Thin Films: Effect of Zn Buffer Layer on Azo. [Journal of Electronic Materials](#), 44(2), 699-705.
- 37 Escamilla-Perez, A. M., Cortes-Hernandez, D. A., Almanza-Robles, J. M., Mantovani, D. & Chevallier, P. (2015). Crystal Structure of Superparamagnetic $Mg_{0.2}Ca_{0.8}Fe_2O_4$ Nanoparticles Synthesized by Sol-Gel Method. [Journal of Magnetism and Magnetic Materials](#), 374, 474-478.
- 38 Bogoya, J. M., Bottcher, A., Grudsky, S. M. & Maximenko, E. A. (2015). Eigenvalues of Hermitian Toeplitz Matrices With Smooth Simple-Loop Symbols. [Journal of Mathematical Analysis and Applications](#), 422(2), 1308-1334.
- 39 Duarte-Hernandez, A. M., Contreras, R., Suarez-Moreno, G. V., Gonzalez, F. J. & Flores-Parra, A. (2015). New 4-Hydroxy-N-(2-Hydroxyethyl)Butanamides: Structure and Acidity. [Journal of Molecular Structure](#), 1081, 146-158.
- 40 Arenzano, J. A., Del Campo, J. M., Virues, J. O., Ramirez-Montes, P. I., Santillan, R. & Rivera, J. M. (2015). Theoretical Study of the Hydrogen Bonding Interaction Between Levodopa and a New Functionalized Pillared Coordination Polymer Designed as a Carrier System. [Journal of Molecular Structure](#), 1083, 106-110.
- 41 Duarte-Hernandez, A. M., Contreras, R., Suarez-Moreno, G. V., Montes-Tolentino, P., Ramos-Garcia, I., Gonzalez, F. J. & Flores-Parra, A. (2015). (S) 2-phenyl-2-(p-tolylsulfonylamino)acetic acid. Structure, acidity and its alkali carboxylates. [Journal of Molecular Structure](#), 1084, 135-147.
- 42 Aquino-Meneses, L., Lozada-Morales, R., Lopez-Calzada, G. et al. (2015). Composition dependence of the crystalline-to-amorphous phase transformation of vanadate compounds in the CdO-V₂O₅ binary system. [Journal of Non-Crystalline Solids](#), 408, 26-31.
- 43 Rabone, J. & Lopez-Honorato, E. (2015). Density Functional Theory Metadynamics of Silver, Caesium and Palladium Diffusion at Beta-Sic Grain Boundaries. [Journal of Nuclear Materials](#), 458, 56-63.
- 44 Pech-Pech, I. E., Gervasio, D. F., Godinez-Garcia, A., Solorza-Feria, O. & Perez-Robles, J. F. (2015). Nanoparticles of Ag With a Pt and Pd Rich Surface Supported on Carbon as a New Catalyst for the Oxygen Electroreduction Reaction (Orr) in Acid Electrolytes: Part 1. [Journal of Power Sources](#), 276, 365-373.
- 45 Pech-Pech, I. E., Gervasio, D. F. & Perez-Robles, J. F. (2015). Nanoparticles of Ag With a Pt and Pd Rich Surface Supported on Carbon as a New Catalyst for the Oxygen Electroreduction Reaction (Orr) in Acid Electrolytes: Part 2. [Journal of Power Sources](#), 276, 374-381.
- 46 Ramos-Chavez, L. A., Sordo, M., Calderon-Aranda, E., Castaneda-Saucedo, E., Ostrosky-Wegman, P. & Moreno-Godinez, M. E. (2015). A Permethrin/Allethrin Mixture Induces Genotoxicity and Cytotoxicity in Human Peripheral Blood Lymphocytes. [Journal of Toxicology and Environmental Health-Part a-Current Issues](#), 78(1), 7-14.

- 47 Gonzalez-Torres, R. E. (2015). A Geometric Description of the Maximal Monoids of Some Matrix Semigroups. [Linear Algebra and Its Applications](#), 466, 483-500.
- 48 Batalshchikov, A. A., Grudsky, S. M. & Stukopin, V. A. (2015). Asymptotics of Eigenvalues of Symmetric Toeplitz Band Matrices. [Linear Algebra and Its Applications](#), 469, 464-486.
- 49 Deaquino-Lara, R., Soltani, N., Bahrami, A., Gutierrez-Castaneda, E., Garcia-Sanchez, E. & Hernandez-Rodriguez, M. A. L. (2015). Tribological Characterization of Al7075-Graphite Composites Fabricated by Mechanical Alloying and Hot Extrusion. [Materials & Design](#), 67, 224-231.
- 50 Alarcon-Flores, G., Garcia-Hipolito, M., Aguilar-Frutis, M., Carmona-Tellez, S., Martinez-Martinez, R., Campos-Arias, M. P., Zaleta-Alejandre, E. & Falcony, C. (2015). Synthesis and Fabrication of Y2o3:Tb3+ and Y2o3:Eu3+ Thin Films for Electroluminescent Applications: Optical and Structural Characteristics. [Materials Chemistry and Physics](#), 149, 34-42.
- 51 Martinez-Perez, L., Munoz-Aguirre, N., Munoz-Aguirre, S. & Zelaya-Angel, O. (2015). Nanometric Structures of Highly Oriented Zinc Blende ZnO Thin Films. [Materials Letters](#), 139, 63-65.
- 52 Martin-Tovar, E. A., Castro-Rodriguez, R. & Iribarren, A. (2015). Isoelectronic CdTe-Doped ZnO Thin Films Grown by PLD. [Materials Letters](#), 139, 352-354.
- 53 Hamui, L., Remolina, A., Garcia-Sanchez, M. F., Ponce, A., Picquarte, M., Lopez-Lopez, M., Monroy, B. M. & Santana, G. (2015). Deposition, Opto-Electronic and Structural Characterization of Polymorphous Silicon Thin Films to Be Applied in a Solar Cell Structure. [Materials Science in Semiconductor Processing](#), 30, 85-91.
- 54 Cruz-Lopez, A., Manzo-Robledo, A., Vazquez-Cuchillo, O., Zanella, R., Gomez, R., Santoyo-Salazar, J. & Campos-Badillo, A. (2015). Synthesis and Characterization of Gallium Nitride Nanoparticles by Using Solvothermal-Soft-Chemical Methodology. [Materials Science in Semiconductor Processing](#), 30, 435-441.
- 55 Hurtado-Castaneda, D. M., Herrera-Perez, J. L., Arias-Ceron, J. S., Reyes-Betanzo, C., Rodriguez-Fragoso, P. & Mendoza-Alvarez, J. G. (2015). Indium gallium arsenide antimonide photodetector grown by liquid phase epitaxy: Electrical characterization and optical response. [Materials Science in Semiconductor Processing](#), 31, 52-55.
- 56 Alvarado-Orozco, J. M., Morales-Estrella, R., Boldrick, M. S., Trapaga-Martinez, G., Gleeson, B. & Munoz-Saldana, J. (2015). Kinetic Study of the Competitive Growth Between Theta-Al2O3 and Alpha-Al2O3 During the Early Stages of Oxidation of Beta-(Ni,Pt)Al Bond Coat Systems: Effects of Low Oxygen Partial Pressure and Temperature. [Metallurgical and Materials Transactions A-Physical Metallurgy and Materials Science](#), 46A(2), 726-738.
- 57 Maldonado, Y. G., De La Barraza, C., Rodriguez, S., Castillejos, A. H. & Thomas, B. G. (2015). Estimation of Time-Temperature-Transformation Diagrams of Mold Powder Slags From Thermo-Analysis of Non-Isothermal Crystallization. [Metallurgical and Materials Transactions B-Process Metallurgy and Materials Processing Science](#), 46(1), 286-303.

58 Davila-Pulido, G. I., Uribe-Salas, A., Alvarez-Silva, M. & Lopez-Saucedo, F. (2015). The Role of Calcium in Xanthate Adsorption Onto Sphalerite. [Minerals Engineering](#), 71, 113-119.

59 Gupta, V. & Sanchez-Colon, G. (2015). Decays of Dibaryon Sextaquarks in Broken $Su(3)$ Symmetry. [Modern Physics Letters A](#), 30(2), 1550010.

60 Rosales-Perez, A., Gonzalez, J. A., Coello, C. A. C., Escalante, H. J. & Reyes-Garcia, C. A. (2015). Surrogate-Assisted Multi-Objective Model Selection for Support Vector Machines. [Neurocomputing](#), 150, 163-172.

61 Neme, A., Pulido, J. R. G., Munoz, A., Hernandez, S. & Dey, T. (2015). Stylistics Analysis and Authorship Attribution Algorithms Based on Self-Organizing Maps. [Neurocomputing](#), 147, 147-159.

62 Fava, F., Totaro, G., Diels, L., Reis, M., Duarte, J., Carioca, O. B., Poggi-Varaldo, H. M. & Ferreira, B. S. (2015). Biowaste Biorefinery in Europe: Opportunities and Research & Development Needs. [New Biotechnology](#), 32(1), 100-108.

63 Bonilla, M., Malabre, M. & Azhmyakov, V. (2015). An Implicit Systems Characterization of a Class of Impulsive Linear Switched Control Processes. Part 1: Modeling. [Nonlinear Analysis-Hybrid Systems](#), 15, 157-170.

64 Kudriavtsev, Y., Gallardo, S., Avendano, M., Ramirez, G., Asomoza, R., Manzanilla, L. & Beramendi, L. (2015). Chemical Analysis of Obsidian by a Sims/Edx Combined System. [Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions With Materials and Atoms](#), 343, 153-157.

65 Lorenzo, J. M., Hernandez-Noriega, I. & Prieto-Rumeau, T. (2015). Approximation of Two-Person Zero-Sum Continuous-Time Markov Games With Average Payoff Criterion. [Operations Research Letters](#), 43(1), 110-116.

66 Mendoza-Perez, A. F., Jasso-Fuentes, H. & Hernandez-Lerma, O. (2015). The Lagrange Approach to Ergodic Control of Diffusions With Cost Constraints. [Optimization](#), 64(2), 179-196.

67 Barragan-Iglesias, P., Mendoza-Garces, L., Pineda-Farias, J. B., Solano-Olivares, V., Rodriguez-Silverio, J., Flores-Murrieta, F. J., Granados-Soto, V. & Rocha-Gonzalez, H. I. (2015). Participation of Peripheral P2y(1), P2y(6) and P2y(11) Receptors in Formalin-Induced Inflammatory Pain in Rats. [Pharmacology Biochemistry and Behavior](#), 128, 23-32.

68 Bagatella-Flores, N., Rodriguez-Achach, M., Coronel-Brizio, H. F. & Hernandez-Montoya, A. R. (2015). Wealth distribution of simple exchange models coupled with extremal dynamics. [Physica A](#), 417, 168-175.

69 Abelev, B., Adam, J., Adamova, D. et al. (2015). Production of Inclusive Gamma(1s) and Gamma(2s) in P-Pb Collisions at, $\sqrt{s_{NN}}=5.02$ Tev. [Physics Letters B](#), 740, 105-117.

70 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the $Pp \rightarrow Z\gamma$ Production Cross Section and Constraints on Anomalous Triple Gauge Couplings in Four-Lepton Final States at $\sqrt{s}=8$ TeV. [Physics Letters B](#), 740, 250-272.

71 Rosas-Cardenas, F. D., Caballero-Perez, J., Gutierrez-Ramos, X., Marsch-Martinez, N., Cruz-Hernandez, A. & De Folter, S. (2015). Mirna Expression During Prickly Pear Cactus Fruit Development. [Planta](#), 241(2), 435-448.

72 Derrien, M., Arcega-Cabrera, F., Velazquez-Tavera, N. L., Kantun-Manzano, C. A. & Capella-Vizcaino, S. (2015). Sources and distribution of organic matter along the Ring of Cenotes, Yucatan, Mexico: Sterol markers and statistical approaches. [Science of The Total Environment](#), 511, 223-229.

73 Dominguez, R. B., Alonso, G. A., Munoz, R., Hayat, A. & Marty, J. L. (2015). Design of a Novel Magnetic Particles Based Electrochemical Biosensor for Organophosphate Insecticide Detection in Flow Injection Analysis. [Sensors and Actuators B-Chemical](#), 208, 491-496.

74 Peralta-Dominguez, D., Rodriguez, M., Ramos-Ortiz, G., Maldonado, J. L., Meneses-Nava, M. A., Barbosa-Garcia, O., Santillan, R. & Farfan, N. (2015). A Schiff Base Derivative From Cinnamaldehyde for Colorimetric Detection of Ni^{2+} in Water. [Sensors and Actuators B-Chemical](#), 207, 511-517.

75 Rajesh, G., Muthukumarasamy, N., Subramanian, E. P. et al. (2015). Solution-Based Synthesis of High Yield Cysts (Cu_2ZnS_4) Spherical Quantum Dots. [Superlattices and Microstructures](#), 77, 305-312.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

76 Soltani, N., Bahrami, A., Pech-Canul, M. I. & Gonzalez, L. A. (2015). Review on the physicochemical treatments of rice husk for production of advanced materials. [Chemical Engineering Journal](#), 264, 899-935.

77 Martinez-Cano, D. J., Reyes-Prieto, M., Martinez-Romero, E., Partida-Martinez, L. P., Latorre, A., Moya, A. & Delayo, L. (2015). Evolution of Small Prokaryotic Genomes. [Frontiers in Microbiology](#), 5, 742.

Última actualización: Abril 08, 2015 10:35 a.m.

ARTÍCULOS DEL MES DE FEBRERO DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Castillo, J. V., Vela-Garcia, L., Gutierrez, C. A. & Parra-Michel, R. (2015). A Reconfigurable Hardware Architecture for the Simulation of Rayleigh Fading Channels Under Arbitrary Scattering Conditions. [Aeu-International Journal of Electronics and Communications](#), 69(1), 1-13.
- 2 Breton, N. & Perez-Bergliaffa, S. E. (2015). On the thermodynamical stability of black holes in nonlinear electrodynamics. [Annals of Physics](#), 354, 440-453.
- 3 Heil, M. (2015). Extrafloral Nectar at the Plant-Insect Interface: a Spotlight on Chemical Ecology, Phenotypic Plasticity, and Food Webs. [Annual Review of Entomology](#), 60, 213-232.
- 4 Guillen-Cervantes, A., Silva-Lopez, H., Becerril-Silva, M., Arias-Ceron, J. S., Campos-Gonzalez, E., Medina-Torres, A. C. & Zelaya-Angel, O. (2015). Photoluminescence of Cdte Nanocrystals Grown by Pulsed Laser Ablation on a Template of Si Nanoparticles. [Applied Physics a-Materials Science & Processing](#), 118(3), 1039-1042.
- 5 Ramirez-Villanueva, D. A., Bello-Lopez, J. M., Navarro-Noya, Y. E., Luna-Guido, M., Verhulst, N., Govaerts, B. & Dendooven, L. (2015). Bacterial community structure in maize residue amended soil with contrasting management practices. [Applied Soil Ecology](#), 90, 49-59.
- 6 Ku-Herrera, J. J., Avilees, F., Nistal, A., Cauich-Rodriguez, J. V., Rubio, F., Rubio, J. & Bartolo-Perez, P. (2015). Interactions Between the Glass Fiber Coating and Oxidized Carbon Nanotubes. [Applied Surface Science](#), 330, 383-392.
- 7 Machuca, E., Rojas, Y. & Juaristi, E. (2015). Synthesis and Evaluation of (S)-Proline-Containing Alpha, Beta-Dipeptides as Organocatalysts in Solvent-Free Asymmetric Aldol Reactions Under Ball-Milling Conditions. [Asian Journal of Organic Chemistry](#), 4(1), 46-53.
- 8 Hernandez-Bedolla, M. A., Carretero-Ortega, J., Valadez-Sanchez, M., Vazquez-Prado, J. & Reyes-Cruz, G. (2015). Chemotactic and Proangiogenic Role of Calcium Sensing Receptor Is Linked to Secretion of Multiple Cytokines and Growth Factors in Breast Cancer Mda-Mb-231 Cells. [Biochimica Et Biophysica Acta-Molecular Cell Research](#), 1853(1), 166-182.
- 9 Rodriguez, A. P. G., Martinez, M. G., Barrera-Cortes, J., Ibarra, J. E. & Bustos, F. M. (2015). Bio-Insecticide Bacillus Thuringiensis Spores Encapsulated With Amaranth Derivatized Starches: Studies on the Propagation "in Vitro". [Bioprocess and Biosystems Engineering](#), 38(2), 329-339.
- 10 Ortiz-Covarrubias, K. E., Almanza-Robles, J. M., Cortes-Hernandez, D. A., Escobedo-Bocardo, J. C. & Flores-Valdes, A. (2015). Synthesis of Al₆Si₂O₁₃-BaAl₂Si₂O₈-ZrO₂-based composites and their wettability by molten Al and an Al-Si alloy. [Ceramics International](#), 41(3), 4360-4373.

- 11 Geudtner, G., Dominguez-Soria, V. D., Calaminici, P. & Koster, A. M. (2015). Molecular Graphs of Li-N, Na-N and Cu-N (N=6-9) Clusters From the Density and the Molecular Electrostatic Potential. [Computational and Theoretical Chemistry](#), 1053, 337-342.
- 12 Lara-Cisneros, G., Aguilar-Lopez, R. & Femat, R. (2015). On the dynamic optimization of methane production in anaerobic digestion via extremum-seeking control approach. [Computers & Chemical Engineering](#), 75, 49-59.
- 13 Garza-Fabre, M., Rodriguez-Tello, E. & Toscano-Pulido, G. (2015). Constraint-Handling Through Multi-Objective Optimization: the Hydrophobic-Polar Model for Protein Structure Prediction. [Computers & Operations Research](#), 53, 128-153.
- 14 Garcia, K., Ibarra, J. E., Bravo, A., Diaz, J., Gutierrez, D., Torres, P. & De Leon, P. G. (2015). Variability of Bacillus Thuringiensis Strains by Eric-Pcr and Biofilm Formation. [Current Microbiology](#), 70(1), 10-18.
- 15 Medina-Esquivel, R. A., Vales-Pinzon, C., Quinones-Weiss, G., Zambrano-Arjona, M. A., Mendez-Gamboa, J. A., Cab, C. & Alvarado-Gil, J. J. (2015). Thermal conductivity of a diamond magnetite composite fluid under the effect of a uniform magnetic field. [Diamond and Related Materials](#), 53, 45-51.
- 16 Morales-Aguilar, E., Ramirez, A. & Matar, M. (2015). Multi-frequency sweeping method for periodic steady-state computations on the graphics processor unit. [Electric Power Systems Research](#), 121, 295-301.
- 17 Trejo, K. K., Clempner, J. B. & Poznyak, A. S. (2015). A Stackelberg Security Game With Random Strategies Based on the Extraproximal Theoretic Approach. [Engineering Applications of Artificial Intelligence](#), 37, 145-153.
- 18 Gonzalez-Valencia, R., Magana-Rodriguez, F., Maldonado, E., Salinas, J. & Thalasso, F. (2015). Detection of Hotspots and Rapid Determination of Methane Emissions From Landfills Via a Ground-Surface Method. [Environmental Monitoring and Assessment](#), 187(1), 4083.
- 19 Corrales-Mendoza, I., Bartolo-Perez, P., Sanchez-Resendiz, V. M., Gallardo-Hernandez, S. & Conde-Gallardo, A. (2015). Growth of Superconducting Ndfe0.88co0.12aso Films by Metal-Organic Chemical Vapor Deposition and Post Arsenic Diffusion. [Epl](#), 109(1), 17007.
- 20 Tello, F., c, Da Silva, V. M., Hubinger, M. D. & Grosso, C. (2015). Alginate and Pectin-Based Particles Coated With Globular Proteins: Production, Characterization and Anti-Oxidative Properties. [Food Hydrocolloids](#), 43, 670-678.
- 21 Castro-Munozledo, F., Velez-Delvalle, C., Marsch-Moreno, M., Hernandez-Quintero, M. & Kuri-Harcuch, W. (2015). Vimentin Is Necessary for Colony Growth of Human Diploid Keratinocytes. [Histochemistry and Cell Biology](#), 143(1), 45-57.
- 22 Banik, S. D. & Das, S. (2015). Body mass index and body adiposity index in relation to percent body fat: A study in adult men of three endogamous groups of South Bengal. [Homo-Journal of Comparative Human Biology](#), 66(1), 90-99.

- 23 Ferdinandusse, S., Koster, J., Denis, S. et al. (2015). A novel bile acid biosynthesis defect due to a deficiency of peroxisomal ABCD3. [Human Molecular Genetics](#), 24(2), 361-370.
- 24 Ortiz, F. A. C., Lopez-Perez, P. A., Femat, R., Lora-Cisneros, G. & Aguilar-Lopez, R. (2015). Regulation of a Class of Continuous Bioreactor Under Switching Kinetic Behavior: Modeling and Simulation Approach. [Industrial & Engineering Chemistry Research](#), 54(4), 1326-1332.
- 25 Bueris, V., Huerta-Cantillo, J., Navarro-Garcia, F., Ruiz, R. M., Cianciarullo, A. M. & Elias, W. P. (2015). Late Establishment of the Attaching and Effacing Lesion Caused by Atypical Enteropathogenic Escherichia Coli Depends on Protein Expression Regulated by Per. [Infection and Immunity](#), 83(1), 379-388.
- 26 Torres-Jimenez, J., Izquierdo-Marquez, I., Garcia-Robledo, A., Gonzalez-Gomez, A., Bernal, J. & Kacker, R. N. (2015). A dual representation simulated annealing algorithm for the bandwidth minimization problem on graphs. [Information Sciences](#), 303, 33-49.
- 27 Gonzalez-Garcia, G., Gutierrez, J. A., Alvarez, E., Lopez, J. A. & Jimenez-Halla, J. O. C. (2015). Synthesis, stereoisomerism and crystal structures of neutral hexacoordinate silicon(IV) complexes with Salen-O,N,N,O and thiocyanato-N ligands. [Inorganica Chimica Acta](#), 428, 93-99.
- 28 Arias, M. S. B., Pena-Cabriales, J. J., Alarcon, A. & Maldonado Vega, M. (2015). Enhanced Pb Absorption by Hordeum Vulgare L. And Helianthus Annuus L. Plants Inoculated With an Arbuscular Mycorrhizal Fungi Consortium. [International Journal of Phytoremediation](#), 17(5), 405-413.
- 29 Poblano-Salas, C. A., Cabral-Miramontes, J. A., Gallegos-Melgar, A., Ruiz-Luna, H., Aguilar-Escobar, J. D., Espinosa-Arbelaez, D. G., Espinoza-Beltran, F., Trapaga-Martinez, G. & Munoz-Saldana, J. (2015). Effects of Vc Additions on the Mechanical Properties of Bimodal Wc-Co Hvf Thermal Sprayed Coatings Measured by Nanoindentation. [International Journal of Refractory Metals & Hard Materials](#), 48, 167-178.
- 30 Gonzalez-Gomez, W. S., Quintana, P., May-Pat, A., Aviles, F., May-Crespo, J. & Alvarado-Gil, J. J. (2015). Thermal effects on the physical properties of limestones from the Yucatan Peninsula. [International Journal of Rock Mechanics and Mining Sciences](#), 75, 182-189.
- 31 Angulo-Sherman, A. & Mercado-Urbe, H. (2015). Ionic transport in glycerol-water mixtures. [Ionics](#), 21(3), 743-748.
- 32 Garcia-Flores, M., Juarez-Colunga, S., Garcia-Casarrubias, A., Trachsel, S., Winkler, R. & Tiessen, A. (2015). Metabolic Profiling of Plant Extracts Using Direct-Injection Electrospray Ionization Mass Spectrometry Allows for High-Throughput Phenotypic Characterization According to Genetic and Environmental Effects. [Journal of Agricultural and Food Chemistry](#), 63(3), 1042-1052.
- 33 Montiel, H., Alvarez, G., Conde-Gallardo, A. & Zamorano, R. (2015). Microwave Absorption Behavior in Cr₂O₃ Nanopowders. [Journal of Alloys and Compounds](#), 628, 272-276.

- 34 Vazquez-Victorio, G., Caligaris, C., Del, V.-E. E., Sosa-Garrocho, M., Gonzalez-Arenas, N. R., Briones-Orta, M. A., Macias-Silva, M. & Reyes-Cruz, G. (2015). Novel regulation of ski protein stability and endosomal sorting by actin cytoskeleton dynamics in hepatocytes. [Journal of Biological Chemistry](#), 290(7), 4487-99.
- 35 Garcia-Hernandez, V., Flores-Maldonado, C., Rincon-Heredia, R., Verdejo-Torres, O., Bonilla-Delgado, J., Meneses-Morales, I., Gariglio, P. & Contreras, R. G. (2015). Egf Regulates Claudin-2 and-4 Expression Through Src and Stat3 in Mdck Cells. [Journal of Cellular Physiology](#), 230(1), 105-115.
- 36 Quintana-Rodriguez, E., Morales-Vargas, A. T., Molina-Torres, J., Adame-Alvarez, R. M., Acosta-Gallegos, J. A. & Heil, M. (2015). Plant volatiles cause direct, induced and associational resistance in common bean to the fungal pathogen *Colletotrichum lindemuthianum*. [Journal of Ecology](#), 103(1), 250-260.
- 37 Castro-Silva, C., Ruiz-Valdiviezo, V. M., Rivas-Rivera, S. G., Sosa-Trinidad, A. R., Luna-Guido, M., Delgado-Balbuena, L., Marsch, R. & Dendooven, L. (2015). Bioavailability and Dissipation of Anthracene From Soil With Different Alkalinity and Salinity. [Journal of Environmental Biology](#), 36(1), 229-234.
- 38 Sollozo-Dupont, I., Estrada-Camarena, E., Carro-Juarez, M. & Lopez-Rubalcava, C. (2015). GABAA/benzodiazepine receptor complex mediates the anxiolytic-like effect of *Montanoa tomentosa*. [Journal of Ethnopharmacology](#), 162, 278-286.
- 39 Tuz-Sulub, A. & Brule, T. (2015). Spawning Aggregations of Three Protogynous Groupers in the Southern Gulf of Mexico. [Journal of Fish Biology](#), 86(1), 162-185.
- 40 Oza, G., Oza, K., Pandey, S., Shinde, S., Mewada, A., Thakur, M., Sharon, M. & Sharon, M. (2015). A Green Route Towards Highly Photoluminescent and Cytocompatible Carbon Dot Synthesis and Its Separation Using Sucrose Density Gradient Centrifugation. [Journal of Fluorescence](#), 25(1), 9-14.
- 41 Martinez-Bulit, P., Garza-Ortiz, A., Mijangos, E. et al. (2015). 2,6-Bis(2,6-Diethylphenyliminomethyl)Pyridine Coordination Compounds With Cobalt(II), Nickel(II), Copper(II), and Zinc(II): Synthesis, Spectroscopic Characterization, X-Ray Study and in Vitro Cytotoxicity. [Journal of Inorganic Biochemistry](#), 142, 1-7.
- 42 Hdz-Garcia, H. M., Pech-Canul, M. I., Munoz-Arroyo, R., Mtz-Enriquez, A. I., Acevedo-Davila, J. L., Castro-Roman, M. J. & Reyes-Valdes, F. A. (2015). 304 Stainless Steel Brazing Incorporating Tungsten Nanoparticles. [Journal of Materials Processing Technology](#), 215, 1-5.
- 43 Hernandez-Moreno, A. V., Perdomo-Abundez, F. C., Perez-Medina Martinez, V., Luna-Barcenas, G., Villasenor-Ortega, F., Perez, N. O., Lopez-Morales, C. A., Flores-Ortiz, L. F. & Medina-Rivero, E. (2015). Structural and functional characterization of a recombinant leucine aminopeptidase. [Journal of Molecular Catalysis B: Enzymatic](#), 113, 39-46.

- 44 Frechero, M. A., Dura, J., Diaz-Guillen, M. R., Moreno, K. J., Diaz-Guillen, J. A., Garcia-Barriocanal, J., Rivera-Calzada, A., Fuentes, A. F. & Leon, C. (2015). Oxygen Ion Dynamics in Pyrochlore-Type Ionic Conductors: Effects of Structure and Ion-Ion Cooperativity. [Journal of Non-Crystalline Solids](#), 407, 349-354.
- 45 Castro-Ramos, J., Juarez-Reyes, S. A., Marcelino-Aranda, M., Ortega-Vidals, P., Silva-Ortigoza, G., Silva-Ortigoza, R. & Suarez-Xique, R. (2015). The Refraction and Reflection Laws From a Complete Integral of the Eikonal Equation and Huygens' Principle. [Journal of Optics](#), 17(1), 015601.
- 46 Zacarias-Soto, M. & Olvera-Novoa, M. A. (2015). Effect of Different Diets on Body Biochemical Composition of the Four-sided Sea Cucumber, *Isostichopus badionotus*, Under Culture Conditions. [Journal of the World Aquaculture Society](#), 46(1), 45-52.
- 47 Mani-Gonzalez, P. G., Vazquez-Lepe, M. O. & Herrera-Gomez, A. (2015). Aperture-time of oxygen-precursor for minimum silicon incorporation into the interface-layer in atomic layer deposition-grown HfO₂/Si nanofilms. [Journal of Vacuum Science & Technology, A: Vacuum, Surfaces, and Films](#), 33(1), 010602.
- 48 Bazaldua-Medellin, M. E., Fuentes, A. F., Gorokhovskiy, A. & Escalante-Garcia, J. I. (2015). Early and Late Hydration of Supersulphated Cements of Blast Furnace Slag With Fluorgypsum. [Materiales de Construccion](#), 65(317), e043.
- 49 Gomez-Acosta, A., Manzano-Ramirez, A., Lopez-Naranjo, E. J., Apatiga, L. M., Herrera-Basurto, R. & Rivera-Munoz, E. M. (2015). Silver Nanostructure Dependence on the Stirring-Time in a High-Yield Polyol Synthesis Using a Short-Chain Pvp. [Materials Letters](#), 138, 167-170.
- 50 Merupo, V. I., Velumani, S., Oza, G., Makowska-Janusik, M. & Kassiba, A. (2015). Structural, electronic and optical features of molybdenum-doped bismuth vanadium oxide. [Materials Science in Semiconductor Processing](#), 31, 618-623.
- 51 Chakaravarthy, S., Bulou, A. & Ortega-Lopez, M. (2015). Look-Alike Nanocorals. [Materials Today](#), 18(1), 51-52.
- 52 Luviano-Juarez, A., Cortes-Romero, J. & Sira-Ramirez, H. (2015). Parameter Identification of a Discretized Biased Noisy Sinusoidal Signal. [Measurement](#), 60, 129-138.
- 53 Verdel-Aranda, K., Lopez-Cortina, S. T., Hodgson, D. A. & Barona-Gomez, F. (2015). Molecular annotation of ketol-acid reductoisomerases from *Streptomyces* reveals a novel amino acid biosynthesis interlock mediated by enzyme promiscuity. [Microbial Biotechnology](#), 8(2), 239-252.
- 54 Barona-Gomez, F. (2015). Re-Annotation of the Sequence > Annotation: Opportunities for the Functional Microbiologist. [Microbial Biotechnology](#), 8(1), 2-4.
- 55 Calderon, H. A., Kisielowski, C., Specht, P., Barton, B., Godinez-Salomon, F. & Solorza-Feria, O. (2015). Maintaining the Genuine Structure of 2d Materials and Catalytic Nanoparticles at Atomic Resolution. [Micron](#), 68, 164-175.

- 56 Pizano-Escalante, L., Parra-Michel, R., Vazquez Castillo, J. & Longoria-Gandara, O. (2015). Fast bit-accurate reciprocal square root. [Microprocessors and Microsystems](#), 39(2), 74-82.
- 57 Loo-Yau, J. R., Tapia-Sanchez, I. & Moreno, P. (2015). An Alternative Method to Extract the Parasitic Capacitances of Gan Fets. [Microwave and Optical Technology Letters](#), 57(1), 223-225.
- 58 Rodriguez, R., Hernandez-Hernandez, O., Magana, J. J., Gonzalez-Ramirez, R., Garcia-Lopez, E. S. & Cisneros, B. (2015). Altered Nuclear Structure in Myotonic Dystrophy Type 1-Derived Fibroblasts. [Molecular Biology Reports](#), 42(2), 479-488.
- 59 Garrido, J., Yu, W. & Soria, A. (2015). Human behavior learning for robot in joint space. [Neurocomputing](#), 155, 22-31.
- 60 Lopez, V. G., Alanis, A. Y., Sanchez, E. N. & Rivera, J. (2015). Real-Time Implementation of Neural Optimal Control and State Estimation for a Linear Induction Motor. [Neurocomputing](#), 152, 403-412.
- 61 Velazquez-Perez, L., Cerecedo-Zapata, C. M., Hernandez-Hernandez, O. et al. (2015). A Comprehensive Clinical and Genetic Study of a Large Mexican Population With Spinocerebellar Ataxia Type 7. [Neurogenetics](#), 16(1), 11-21.
- 62 Valle-Dorado, M. G., Santana-Gomez, C. E., Orozco-Suarez, S. A. & Rocha, L. (2015). The mast cell stabilizer sodium cromoglycate reduces histamine release and status epilepticus-induced neuronal damage in the rat hippocampus. [Neuropharmacology](#), 92, 49-55.
- 63 Galvan, E. J., Perez-Rosello, T., Gomez-Lira, G., Lara, E., Gutierrez, R. & Barrionuevo, G. (2015). Synapse-specific compartmentalization of signaling cascades for LTP induction in CA3 interneurons. [Neuroscience](#), 290, 332-345.
- 64 Osorio-Valencia, E., Torres-Sanchez, L., Lopez-Carrillo, L., Cebrian, M. E., Rothenberg, S. J., Hernandez Chavez, M. C. & Schnaas, L. (2015). Prenatal p,p'-DDE exposure and establishment of lateralization and spatial orientation in Mexican preschooler. [NeuroToxicology](#), 47, 1-7.
- 65 Morales, R., Sira-Ramirez, H. & Somolinos, J. A. (2015). Linear active disturbance rejection control of the hovercraft vessel model. [Ocean Engineering](#), 96, 100-108.
- 66 Segura, C., Coello, C. A. C., Segredo, E. & Leon, C. (2015). On the Adaptation of the Mutation Scale Factor in Differential Evolution. [Optimization Letters](#), 9(1), 189-198.
- 67 Lopez-Canul, M., Palazzo, E., Dominguez-Lopez, S. et al. (2015). Selective Melatonin Mt2 Receptor Ligands Relieve Neuropathic Pain Through Modulation of Brainstem Descending Antinociceptive Pathways. [Pain](#), 156(2), 305-317.
- 68 May-Concha, I., Rojas, J. C., Cruz-Lopez, L., Ibarra-Cerdena, C. N. & Ramsey, J. M. (2015). Volatile Compound Diversity and Conserved Alarm Behaviour in *Triatoma Dimidiata*. [Parasites & Vectors](#), 8, 84.

69 Dendooven, L., Ramirez-Fuentes, E., Alcantara-Hernandez, R., Valenzuela-Encinas, C., Sanchez-Lopez, K. B., Luna-Guido, M. & Ruiz-Valdiviezo, V. M. (2015). Dynamics of ¹⁴C-labelled Glucose and NH₄ in a Regularly Flooded Extremely Alkaline Saline Soil. [Pedosphere](#), 25(2), 230-239.

70 Rodriguez-Manzo, G. (2015). Glutamatergic transmission is involved in the long lasting sexual inhibition of sexually exhausted male rats. [Pharmacology Biochemistry and Behavior](#), 131, 64-70.

71 Pan, S., Gupta, A., Mandal, S., Moreno, D., Merino, G. & Chattaraj, P. K. (2015). Metastable Behavior of Noble Gas Inserted Tin and Lead Fluorides. [Physical Chemistry Chemical Physics](#), 17(2), 972-982.

72 Grande-Aztatzi, R., Cabellos, J. L., Islas, R., Infante, I., Mercero, J. M., Restrepo, A. & Merino, G. (2015). Planar Pentacoordinate Carbons in Cbe54- Derivatives. [Physical Chemistry Chemical Physics](#), 17(6), 4620-4624.

73 Olvera-Hernandez, S., Chavira, R. & Fernandez-Guasti, A. (2015). Prenatal Letrozole Produces a Subpopulation of Male Rats With Same-Sex Preference and Arousal as Well as Female Sexual Behavior. [Physiology & Behavior](#), 139, 403-411.

74 Parra-Tabla, V., Munguia-Rosas, M., Campos-Navarrete, M. J. & Ramos-Zapata, J. A. (2015). Effects of Flower Dimorphism and Light Environment on Arbuscular Mycorrhizal Colonisation in a Cleistogamous Herb. [Plant Biology](#), 17(1), 163-168.

75 Loera-Quezada, M. M., Leyva-Gonzalez, M. A., Lopez-Arredondo, D. & Herrera-Estrella, L. (2015). Phosphite cannot be used as a phosphorus source but is non-toxic for microalgae. [Plant Science](#), 231, 124-30.

76 Berzunza-Cruz, M., Rodriguez-Moreno, A., Gutierrez-Granados, G. et al. (2015). Leishmania (L.) Mexicana Infected Bats in Mexico: Novel Potential Reservoirs. [Plos Neglected Tropical Diseases](#), 9(1), e0003438.

77 Razgado-Hernandez, L. F., Espadas-Alvarez, A. J., Reyna-Velazquez, P., Sierra-Sanchez, A., Jimenez-Estrada, I., Aceves-Ruiz, J., Anaya-Martinez, V., Bannon, M. J. & Martinez-Fong, D. (2015). The transfection of BDNF to dopamine neurons potentiates the effect of dopamine d3 receptor agonist recovering the striatal innervation, dendritic spines and motor behavior in an aged rat model of Parkinson's disease. [PloS One](#), 10(2), e0117391.

78 Cabrera-Ponce, J. L., Lopez, L., Leon-Ramirez, C. G., Jofre-Garfias, A. E. & Verver-y Vargas, A. (2015). Stress induced acquisition of somatic embryogenesis in common bean Phaseolus vulgaris L. [Protoplasma](#), 252(2), 559-70.

79 Meneses, A., Perez-Garcia, G., Liy-Salmeron, G., Ponce-Lopez, T., Lacivita, E. & Leopoldo, M. (2015). 5-Ht7 Receptor Activation: Procognitive and Antiamnesic Effects. [Psychopharmacology](#), 232(3), 595-603.

- 80 Chocoteco, J. A., Morales, R., Feliu, V. & Sira-Ramirez, H. (2015). Robust Output Feedback Control for the Trajectory Tracking of Robotic Wheelchairs. [Robotica](#), 33(1), 41-59.
- 81 Oviedo-Barriga, J., Gonzalez-Jimenez, L., Castillo-Toledo, B. & Bayro-Corrochano, E. (2015). Robust Tracking of Bio-Inspired References for a Biped Robot Using Geometric Algebra and Sliding Mode Control. [Robotica](#), 33(1), 209-224.
- 82 Navarro-Gonzalez, J. L., Lopez-Juarez, I., Rios-Cabrera, R. & Ordaz-Hernandez, K. (2015). On-line knowledge acquisition and enhancement in robotic assembly tasks. [Robotics and Computer-Integrated Manufacturing](#), 33, 78-89.
- 83 Bellam, J. B., Ruiz-Preciado, M. A., Edely, M., Szade, J., Jouanneaux, A. & Kassiba, A. H. (2015). Visible-Light Photocatalytic Activity of Nitrogen-Doped Nitro3 Thin Films Prepared by a Co-Sputtering Process. [Rsc Advances](#), 5(14), 10551-10559.
- 84 Moreno-Pedraza, A., Valdes-Santiago, L., Hernandez-Valadez, L. J., Higuera, A. R. S., Winkler, R. & Guzman-De Pena, D. L. (2015). Reduction of Aflatoxin B-1 During Tortilla Production and Identification of Degradation by-Products by Direct-Injection Electrospray Mass Spectrometry. [Salud Publica De Mexico](#), 57(1), 50-57.
- 85 Barajas-Aceves, M., Camarillo-Ravelo, D. & Rodriguez-Vazquez, R. (2015). Mobility and Translocation of Heavy Metals From Mine Tailings in Three Plant Species After Amendment With Compost and Biosurfactant. [Soil & Sediment Contamination](#), 24(3), 223-249.
- 86 Elyukhin, V. A. (2015). Self-assembling of In and nitrogen in GaP:(In, N). [Superlattices and Microstructures](#), 80, 32-38.
- 87 Machuca, E. & Juaristi, E. (2015). Organocatalytic activity of alpha, alpha-dipeptide derivatives of (S)-proline in the asymmetric aldol reaction in absence of solvent. Evidence for non-covalent pi-pi interactions in the transition state. [Tetrahedron Letters](#), 56(9), 1144-1148.
- 88 Cerda-Garcia-Rojas, C. M., Bucio, M. A., Gonzalez, S. B., Garcia-Gutierrez, H. A. & Joseph-Nathan, P. (2015). Absolute Configuration of Esquelane Derivatives From Adesmia Boronioides by Vibrational Circular Dichroism. [Tetrahedron-Asymmetry](#), 26(2-3), 136-140.
- 89 Godavarthi, S., Wang, C., Verdonck, P., Matsumoto, Y., Koudriavtsev, I., Dutt, A., Tielens, H. & Baklanov, M. R. (2015). Study of Porogen Removal by Atomic Hydrogen Generated by Hot Wire Chemical Vapor Deposition for the Fabrication of Advanced Low-K Thin Films. [Thin Solid Films](#), 575, 103-106.
- 90 Alvarez-Sanchez, C., Cancio-Lonches, C., Mora-Heredia, J. E., Santos-Valencia, J. C., Barrera-Vazquez, O. S., Yocupicio-Monroy, M. & Gutierrez-Escolano, A. L. (2015). Negative effect of heat shock on feline calicivirus release from infected cells is associated with the control of apoptosis. [Virus Research](#), 198, 44-52.
- 91 Angel-Ambrocio, A. H., Soto-Acosta, R., Bautista-Carbajal, P., Tammineni, E. R., Carrillo, E. D., Hernandez, A., Sanchez, J. A. & Del Angel, R. M. (2015). An embryonic heart cell line is susceptible to dengue virus infection. [Virus Research](#), 198, 53-58.

92 Gnecci, J. A. G., Patino, A. M., Paramo, F. L., Anguiano, A. D. T. & Espinoza, D. L. (2015). Investigation of Wetting Front Propagation Dynamics Using Soil Impedance Measurements: Implications for Modelling and Irrigation Scheduling. [Water Resources Management](#), 29(1), 197-210.

ARTÍCULOS B – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

93 Olvera-Hernandez, S. & Fernandez-Guasti, A. (2015). Perinatal administration of aromatase inhibitors in rodents as animal models of human male homosexuality: similarities and differences. [Advances in neurobiology](#), 10, 381-406.

94 Melo, A. I. (2015). Role of sensory, social, and hormonal signals from the mother on the development of offspring. [Advances in neurobiology](#), 10, 219-248.

95 Flores-Moreno, R., Carmona-Espindola, J. & Koster, A. M. (2015). Calculation of hyperpolarizabilities with auxiliary density perturbation theory. [AIP Conference Proceedings](#), 1642, 60-68.

96 Calaminici, P., Koster, A. M., Vasquez-Perez, J. M. & Martinez, G. U. G. (2015). Metal cluster structures and properties from Born-Oppenheimer molecular dynamics. [AIP Conference Proceedings](#), 1642, 45-50.

97 Rodriguez-Cristerna, A., Torres-Jimenez, J., Gomez, W. & Pereira, W. C. A. (2015). Construction of Mixed Covering Arrays Using a Combination of Simulated Annealing and Variable Neighborhood Search. [Electronic Notes in Discrete Mathematics](#), 47, 109-116.

98 Cruz-Gomez, C., Martins, P., Pereira, W. C. D., Teixeira, C. A. & Wiederhold, P. (2015). A Symmetry Similarity Measure Via the Log-Gabor Transform for B-Mode Ultrasound Images and Magnetic Resonance Volumes. I. [IFMBE Proceedings](#), 45, 180-183.

99 Flores-Ruiz, F. J., Herrera-Gomez, A., Camps, E. & Espinoza-Beltran, F. J. (2015). Elastic heterogeneities at the nanoscale in DLC films grown by PLD. [Materials Research Express](#), 2(2), 25009.

100 Toscano-Garibay, J. D., Benitez-Hess, M. L. & Alvarez-Salas, L. M. (2015). Targeting of the Hpv-16 E7 Protein by Rna Aptamers. [Methods in Molecular Biology](#), 1249, 221-239.

101 Herrera-Zamora, D. M., Veleva, L. & Lopez, J. L. (2015). Electrochemical corrosion behaviour of stainless steels AISI 304 and 316L in Caribbean sea water. [Solid State Phenomena](#), 227, 95-98.

102 Ramirez-Cano, J. & Veleva, L. (2015). Adsorption kinetics of benzothiazole and 2-mercaptobenzothiazole on microcrystalline gold and silver surfaces. [Solid State Phenomena](#), 227, 99-102.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

103 Martínez-Palomo, A. (2015). Ebola: the haves and the have-nots. [Journal of Public Health Policy](#), 36(1), 4-6.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

104 Quintanar, L., Serebryany, E., Dominguez-Calva, J. A., Haasse-Pettingell, C. & King, J. A. (2015). Copper and Zinc Binding Specifically Induce the Aggregation of Human [gamma]-D Crystallin. [Biophysical Journal](#), 108(2, Supplement 1), 502a.

105 Rios-Perez, E. B., Garcia-Castaneda, M. & Avila, G. (2015). Long-Term Modulation of Ion Channels by Aldosterone in Adult Rat Atrial Myocytes. [Biophysical Journal](#), 108(2, Supplement 1), 586a.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

106 Di Cerbo, A., Morales-Medina, J. C., Palmieri, B. & Iannitti, T. (2015). Narrative Review of Telemedicine Consultation in Medical Practice. [Patient Preference and Adherence](#), 9, 65-75.

107 Garcia-Ponce, A., Citalan-Madrid, A. F., Velazquez-Avila, M., Vargas-Robles, H. & Schnoor, M. (2015). The Role of Actin-Binding Proteins in the Control of Endothelial Barrier Integrity. [Thrombosis and Haemostasis](#), 113(1), 20-36.

Última actualización: Marzo 08, 2015 12:35 p.m.

ARTÍCULOS DEL MES DE MARZO DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Hernandez-Coronado, C. G., Guzman, A., Espinosa-Cervantes, R., Romano, M. C., Verde-Calvo, J. R. & Rosales-Torres, A. M. (2015). Sphingosine-1-Phosphate and Ceramide Are Associated With Health and Atresia of Bovine Ovarian Antral Follicles. [Animal](#), 9(2), 308-312.
- 2 Raja, J., Jang, K., Hussain, S. Q., Balaji, N., Chatterjee, S., Velumani, S. & Yi, J. (2015). Boosting the Mobility and Bias Stability of Oxide-Based Thin-Film Transistors With Ultra-Thin Nanocrystalline Insno:Zr Layer. [Applied Physics Letters](#), 106(3), 033501.
- 3 Ortiz-Hernandez, A. A., Mendez-Garcia, V. H., Perez-Arrieta, M. L., Ortega-Sigala, J. J., Araiza-Ibarra, J. J., Vega-Carrillo, H. R. & Falcony-Guajardo, C. (2015). Thermoluminescent properties of ZnS:Mn nanocrystalline powders. [Applied Radiation and Isotopes](#), 99, 105-109.
- 4 Del Rio-De Santiago, A., Mendez-Garcia, V. H., Martinez-Velis, I., Casallas-Moreno, Y. L., Lopez-Luna, E., Gorbachev, Y. A., Lopez-Lopez, M. & Cruz-Hernandez, E. (2015). Nanostructure formation during relatively high temperature growth of Mn-doped GaAs by molecular beam epitaxy. [Applied Surface Science](#), 333, 92-95.
- 5 Garcia-Munoz, A., Rodriguez, M. A., Liceaga-Escalera, C., Liceaga-Reyes, R., Carreon-Burciaga, R. G., Gonzalez-Gonzalez, R. & Bologna-Molina, R. (2015). Expression of the transcription factor PITX2 in ameloblastic carcinoma. [Archives of Oral Biology](#), 60(6), 799-803.
- 6 Rodriguez, L. F. & Ramos, F. (2015). Computational Models of Emotions for Autonomous Agents: Major Challenges. [Artificial Intelligence Review](#), 43(3), 437-465.
- 7 Abdo, A. A., Abeysekara, A. U., Alfaro, R. et al. (2015). Milagro Limits and Hawc Sensitivity for the Rate-Density of Evaporating Primordial Black Holes. [Astroparticle Physics](#), 64, 4-12.
- 8 Abeysekara, A. U., Alfaro, R., Alvarez, C. et al. (2015). Search for Gamma-Rays From the Unusually Bright Grb 130427a With the Hawc Gamma-Ray Observatory. [Astrophysical Journal](#), 800(2), 78.
- 9 Soriano-Ursua, M. A., Arias-Montano, J. A., Correa-Basurto, J., Hernandez-Martinez, C. F., Lopez-Cabrera, Y., Castillo-Hernandez, M. C., Padilla-Martinez, I. I. & Trujillo-Ferrara, J. G. (2015). Insights on the Role of Boron Containing Moieties in the Design of New Potent and Efficient Agonists Targeting the Beta(2) Adrenoceptor. [Bioorganic & Medicinal Chemistry Letters](#), 25(4), 820-825.
- 10 Gonzalez-Herrera, S. M., Herrera, R. R., Lopez, M. G., Rutiaga, O. M., Aguilar, C. N., Esquivel, J. C. C. & Martinez, L. A. O. (2015). Inulin in Food Products: Prebiotic and Functional Ingredient. [British Food Journal](#), 117(1), 371-387.

- 11 Baez-Rodriguez, A., Alvarez-Fragoso, O., Garcia-Hipolito, M., Guzman-Mendoza, J. & Falcony, C. (2015). Luminescent properties of ZrO₂:Dy³⁺ and ZrO₂:Dy³⁺⁺Li⁺ films synthesized by an ultrasonic spray pyrolysis technique. [Ceramics International](#), 41(5), 7197-7206.
- 12 Neves, J., Pinto, M. V. & Villarreal, R. H. (2015). Vanishing Ideals Over Graphs and Even Cycles. [Communications in Algebra](#), 43(3), 1050-1075.
- 13 Kravchenko, V. V. & Torba, S. M. (2015). Construction of Transmutation Operators and Hyperbolic Pseudoanalytic Functions. [Complex Analysis and Operator Theory](#), 9(2), 379-429.
- 14 Loaiza, M. & Lozano, C. (2015). On Toeplitz Operators on the Weighted Harmonic Bergman Space on the Upper Half-Plane. [Complex Analysis and Operator Theory](#), 9(1), 139-165.
- 15 Gonzalez, X., Ramirez, J. M., Marmolejo, J. A. & Caicedo, G. (2015). Methodology for multiarea state estimation solved by a decomposition method. [Electric Power Systems Research](#), 123, 92-99.
- 16 Garza-Fabre, M., Toscano-Pulido, G. & Rodriguez-Tello, E. (2015). Multi-objectivization, fitness landscape transformation and search performance: A case of study on the hp model for protein structure prediction. [European Journal of Operational Research](#), 243(2), 405-422.
- 17 Manrique-Maldonado, G., Altamirano-Espinoza, A. H., Marichal-Cancino, B. A., Rivera-Mancilla, E., Aviles-Rosas, V. & Villalon, C. M. (2015). Pharmacological evidence that histamine H₃ receptors inhibit the vasodepressor responses by selective stimulation of the rat perivascular sensory CGRPergic outflow. [European Journal of Pharmacology](#), 754, 25-31.
- 18 Abelev, B., Adam, J., Adamova, D. et al. (2015). Production of Sigma (1385)(+/-) and Xi (1530)(0) in Proton-Proton Collisions at Root S=7 Tev. [European Physical Journal C](#), 75(1), 1.
- 19 Ortiz-Castellanos, L. & Ruiz-Herrera, J. (2015). Phylogenetic Relationships of the Wall-Synthesizing Enzymes of Basidiomycota Confirm the Phylogeny of Their Subphyla. [Folia Microbiologica](#), 60(2), 143-150.
- 20 Ramos-Chavez, L. A., Rendon-Lopez, C. R. R., Zepeda, A., Silva-Adaya, D., Del Razo, L. M. & Gonsebatt, M. E. (2015). Neurological Effects of Inorganic Arsenic Exposure: Altered Cysteine/Glutamate Transport Nmda Expression and Spatial Memory Impairment. [Frontiers in Cellular Neuroscience](#), 9, 21.
- *21 Mora-Romero, G. A., Gonzalez-Ortiz, M. A., Quiroz-Figueroa, F. et al. (2015). Pvlox2 Silencing in Common Bean Roots Impairs Arbuscular Mycorrhiza-Induced Resistance Without Affecting Symbiosis Establishment. [Functional Plant Biology](#), 42(1), 18-30.
- 22 Sastre-Conde, I., Lobo, M. C., Beltran-Hernandez, I. R. & Poggi-Varaldo, H. M. (2015). Remediation of saline soils by a two-step process: Washing and amendment with sludge. [Geoderma](#), 247-248, 140-150.

- 23 Pedone, M., Bayro-Corrochano, E., Flusser, J. & Heikkila, J. (2015). Quaternion Wiener Deconvolution for Noise Robust Color Image Registration. [IEEE Signal Processing Letters](#), 22(9), 1278-1282.
- 24 Jimenez-Sanchez, A., Ortiz, B., Ortiz-Navarrete, V., Flores, J. C., Farfan, N. & Santillan, R. (2015). A dual-model fluorescent Zn²⁺/Cu²⁺ ions sensor with in-situ detection of S²⁻/(PO₄)⁻ and colorimetric detection of Fe²⁺ ion. [Inorganica Chimica Acta](#), 429, 243-251.
- 25 Zuniga-Navarrete, F., Gomez, I., Pena, G., Amaro, I., Ortiz, E., Becerril, B., Ibarra, J. E., Bravo, A. & Soberon, M. (2015). Identification of Bacillus thuringiensis Cry3Aa toxin domain II loop 1 as the binding site of Tenebrio molitor cadherin repeat CR12. [Insect Biochemistry and Molecular Biology](#), 59, 50-57.
- 26 Serrano-Santoyo, A., Armenta-Ramade, A., Castillo-Olea, C. & Rojas-Mendizabal, V. A. (2015). Exploration of New Perspectives in Projects of Digital Inclusion in Rural Communities. [Interciencia](#), 40(1), 16-22.
- 27 Lopez-Suarez, A., Valencia, C. E., Lopez-Patino, J., Vargas, M. C. & Fuentes, B. E. (2015). Improvement of titanium hydrogenation by low energy ion irradiation. [International Journal of Hydrogen Energy](#), 40(11), 4194-4199.
- *28 Rosales-Hernandez, F., Velasco-Villa, M., Castro-Linares, R., Del Muro-Cuellar, B. & Hernandez-Perez, M. A. (2015). Synchronization Strategy for Differentially Driven Mobile Robots: Discrete-Time Approach. [International Journal of Robotics & Automation](#), 30(1), 50-59.
- 29 Carmona-Espindola, J., Gazquez, J. L., Vela, A. & Trickey, S. B. (2015). Generalized Gradient Approximation Exchange Energy Functional With Correct Asymptotic Behavior of the Corresponding Potential. [Journal of Chemical Physics](#), 142(5), 054105.
- 30 Compean-Garcia, V. D., Orozco-Hinostroza, I. E., Escobosa-Echavarria, A., Lopez-Luna, E., Rodriguez, A. G. & Vidal, M. A. (2015). Bulk lattice parameter and band gap of cubic In_xGa_{1-x}N (001) alloys on MgO (100) substrates. [Journal of Crystal Growth](#), 418, 120-125.
- 31 Islas-Garcia, A., Vega-Loyo, L., Aguilar-Lopez, R., Xoconostle-Cazares, B. & Rodriguez-Vazquez, R. (2015). Evaluation of Hydrocarbons and Organochlorine Pesticides and Their Tolerant Microorganisms From an Agricultural Soil to Define Its Bioremediation Feasibility. [Journal of Environmental Science and Health Part B-Pesticides Food Contaminants and Agricultural Wastes](#), 50(2), 99-108.
- 32 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the W Boson Helicity in Events With a Single Reconstructed Top Quark in P P Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (1), 053.
- *33 Treesatayapun, C. (2015). Data Input-Output Adaptive Controller Based on if-Then Rules for a Class of Non-Affine Discrete-Time Systems: the Robotic Plant. [Journal of Intelligent & Fuzzy Systems](#), 28(2), 661-668.

- 34 Montiel, H., Alvarez, G., Conde-Gallardo, A. & Zamorano, R. (2015). Electron paramagnetic resonance and low-field microwave absorption in the manganese-gallium oxide. [Journal of Magnetism and Magnetic Materials](#), 385, 188-192.
- 35 Trevino, V., Yanez-Garza, I. L., Rodriguez-Lopez, C. E., Urrea-Lopez, R., Garza-Rodriguez, M. L., Barrera-Saldana, H. A., Tamez-Pena, J. G., Winkler, R. & Diaz De-La-Garza, R. I. (2015). Gridmass: a Fast Two-Dimensional Feature Detection Method for Lc/Ms. [Journal of Mass Spectrometry](#), 50(1), 165-174.
- 36 Mentar, L., Baka, O., Khelladi, M. R., Azizi, A., Velumani, S., Schmerber, G. & Dinia, A. (2015). Effect of Nitrate Concentration on the Electrochemical Growth and Properties of ZnO Nanostructures. [Journal of Materials Science-Materials in Electronics](#), 26(2), 1217-1224.
- 37 Guillen-Bonilla, H., Gildo-Ortiz, L., Olvera-Amador Mdll, Santoyo-Salazar, J., Rodriguez-Betancourt, V. M., Guillen-Bonilla, A. & Reyes-Gomez, J. (2015). Sensitivity of Mesoporous Cosb2o6 Nanoparticles to Gaseous Co and C3h8 at Low Temperatures. [Journal of Nanomaterials](#), 2015, 308465.
- 38 Casero, C., Machin, F., Mendez-Alvarez, S., Demo, M., Ravelo, A. G., Perez-Hernandez, N., Joseph-Nathan, P. & Estevez-Braun, A. (2015). Structure and Antimicrobial Activity of Phloroglucinol Derivatives From Achyrocline Satureioides. [Journal of Natural Products](#), 78(1), 93-102.
- 39 Arida, R. M., Da Silva, S. G., De Almeida, A. A., Cavilheiro, E. A., Zavala-Tecuapetla, C., Brand, S. & Rocha, L. (2015). Differential Effects of Exercise on Brain Opioid Receptor Binding and Activation in Rats. [Journal of Neurochemistry](#), 132(2), 206-217.
- 40 Islas, L. D., De la Rosa, V., Rodriguez-Cortes, B., Rangel-Yescas, G. E. & Elias-Vinas, D. (2015). A simple method for fast temperature changes and its application to thermal activation of TRPV1 ion channels. [Journal of Neuroscience Methods](#), 243, 120-125.
- 41 Castillo-Perez, R., Kravchenko, V. V. & Torba, S. M. (2015). Analysis of Graded-Index Optical Fibers by the Spectral Parameter Power Series Method. [Journal of Optics](#), 17(2), 025607.
- 42 Dante, R. C., Sanchez-Arevalo, F. M., Chamorro-Posada, P., Vazquez-Cabo, J., Huerta, L., Lartundo-Rojas, L., Santoyo-Salazar, J. & Solorza-Feria, O. (2015). Supramolecular intermediates in the synthesis of polymeric carbon nitride from melamine cyanurate. [Journal of Solid State Chemistry](#), 226, 170-178.
- 43 Ibarra, M. N., Almanza, J. M., Cortes, D. A., Escobedo, J. C., Pech, M. & Martinez, R. (2015). Effect of the addition of alkaline earth sulfates to mullite ceramics on the corrosion and wetting by Al-Mg alloy. [Journal of the European Ceramic Society](#), 35(7), 2189-2194.
- 44 Castillo, J. & Sadykov, R. (2015). Symplectic Capacities on Surfaces. [Manuscripta Mathematica](#), 146(3-4), 495-504.

- 45 Zarate-Trivino, D. G., Prokhorov, E., Luna-Barcenas, G. et al. (2015). The effect of CNT functionalization on electrical and relaxation phenomena in MWCNT/chitosan composites. [Materials Chemistry and Physics](#), 155, 252-261.
- 46 Campos-Gonzalez, E., De Moure-Flores, F., Ramirez-Velazquez, L. E., Casallas-Moreno, K., Guillen-Cervantes, A., Santoyo-Salazar, J., Contreras-Puente, G. & Zelaya-Angel, O. (2015). Structural and optical properties of CdTe-nanocrystals thin films grown by chemical synthesis. [Materials Science in Semiconductor Processing](#), 35, 144-148.
- 47 Lua, C. A., Toledo, B. C., Di Gennaro, S. & Martinez-Gardea, M. (2015). Dynamic Control Applied to a Laboratory Antilock Braking System. [Mathematical Problems in Engineering](#), 2015, 896859.
- 48 Gonzalez, B., Roldan, J. B., Iniguez, B., Lazaro, A. & Cerdeira, A. (2015). DC self-heating effects modelling in SOI and bulk FinFETs. [Microelectronics Journal](#), 46(4), 320-326.
- *49 Jimenez-Velasco, C., Nava-Alonso, F., Uribe-Salas, A. & Alonso-Gonzalez, O. (2015). Thermodynamic and Experimental Analysis of Copper Sulfide Precipitation in Copper-Cyanide Solutions. [Minerals & Metallurgical Processing](#), 32(1), 22-29.
- 50 Avalos-Fuentes, A., Albarran-Bravo, S., Loya-Lopez, S. et al. (2015). Dopaminergic Denervation Switches Dopamine D3 Receptor Signaling and Disrupts Its Ca²⁺ Dependent Modulation by Camkii and Calmodulin in Striatonigral Projections of the Rat. [Neurobiology of Disease](#), 74, 336-346.
- 51 Schitine, C. S., Mendez-Flores, O. G., Santos, L. E. et al. (2015). Functional plasticity of GAT-3 in avian Muller cells is regulated by neurons via a glutamatergic input. [Neurochemistry International](#), 82, 42-51.
- 52 Estrada-Velasco, B. I., Cruz, M., Garcia-Mena, J. et al. (2015). Childhood obesity is associated to the interaction between firmicutes and high energy food consumption. [Nutricion Hospitalaria](#), 31(3), 1074-1081.
- 53 Carmona-Tellez, S., Alarcon-Flores, G., Meza-Rocha, A., Zaleta-Alejandre, E., Aguilar-Futis, M., Murrieta, H. & Falcony, C. (2015). Polyethylene terephthalate thin films; a luminescence study. [Optical Materials](#), 42, 99-105.
- 54 Jimenez, G. L., Balderas, J. U., Falcony, C., Caro, R., Salmeron-Quiroz, B. B. & Mondragon, M. (2015). Morphology and photoluminescence properties of electrospun microfibers of poly(9-vinylcarbazole)/tris-(8-hydroxyquinoline)aluminum and poly(9-vinylcarbazole)/4,7-diphenyl-1,10-phenanthroline blends. [Optical Materials](#), 42, 462-467.
- 55 Flores, W. G., Pereira, W. C. D. & Infantosi, A. F. C. (2015). Improving Classification Performance of Breast Lesions on Ultrasonography. [Pattern Recognition](#), 48(4), 1125-1136.

- 56 Juarez-Rojop, I. E., Morales-Hernandez, P. E., Tovilla-Zarate, C. A., Bermudez-Ocana, D. Y., Torres-Lopez, J. E., Ble-Castillo, J. L., Diaz-Zagoya, J. C. & Granados-Soto, V. (2015). Celecoxib reduces hyperalgesia and tactile allodynia in diabetic rats. [Pharmacological Reports](#), 67(3), 545-552.
- 57 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Muons in Air Showers at the Pierre Auger Observatory: Mean Number in Highly Inclined Events. [Physical Review D](#), 91(3), 032003.
- 58 Martinez-Medina, L. A., Robles, V. H. & Matos, T. (2015). Dwarf Galaxies in Multistate Scalar Field Dark Matter Halos. [Physical Review D](#), 91(2), 023519.
- 59 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Long-Lived Neutral Particles Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at Root S=8 Tev. [Physical Review D](#), 91(1), 012007.
- 60 Abelev, B., Adam, J., Adamova, D. et al. (2015). Measurement of Electrons From Semileptonic Heavy-Flavor Hadron Decays in Pp Collisions at Root S=2.76 Tev. [Physical Review D](#), 91(1), 012001.
- 61 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the Forward-Backward Asymmetry in the Production of B-+/- Mesons in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physical Review Letters](#), 114(5), 051803.
- 62 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Differential Cross Section Measurements for the Production of a W Boson in Association With Jets in Proton-Proton Collisions at Root S=7 Tev. [Physics Letters B](#), 741, 12-37.
- 63 Abelev, B., Adam, J., Adamova, D. et al. (2015). Multiplicity Dependence of Jet-Like Two-Particle Correlation Structures in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 741, 38-50.
- 64 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for New Resonances Decaying Via Wz to Leptons in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 740, 83-104.
- 65 Ramirez-Ortega, F. A., Xoconostle-Cazares, B., Toscano-Morales, R. & Ruiz-Medrano, R. (2015). A simple method for transient transformation of pumpkin (*Cucurbita maxima*) seedlings. [Plant Omics Journal](#), 8(1), 37-46.
- 66 Rivera-Hoyos, C. M., Morales-Alvarez, E. D., Poveda-Cuevas, S. A., Reyes-Guzman, E. A., Poutou-Pinales, R. A., Reyes-Montano, E. A., Pedroza-Rodriguez, A. M., Rodriguez-Vazquez, R. & Cardozo-Bernal, A. M. (2015). Computational Analysis and Low-Scale Constitutive Expression of Laccases Synthetic Genes Gllcc1 From *Ganoderma Lucidum* and Poxa 1b From *Pleurotus Ostreatus* in *Pichia Pastoris*. [Plos One](#), 10(1), e0116524.

67 Anaya-Hernandez, A., Rodriguez-Castelan, J., Nicolas, L., Martinez-Gomez, M., Jimenez-Estrada, I., Castelan, F. & Cuevas, E. (2015). Hypothyroidism Affects Differentially the Cell Size of Epithelial Cells Among Oviductal Regions of Rabbits. [Reproduction in Domestic Animals](#), 50(1), 104-111.

68 Ravichandran, M., Oza, G., Velumani, S. et al. (2015). Cobalt Ferrite Nanowhiskers as T-2 Mri Contrast Agent. [Rsc Advances](#), 5(22), 17223-17227.

69 Preciado, M. A. R., Kassiba, A., Morales-Acevedo, A. & Makowska-Janusik, M. (2015). Vibrational and Electronic Peculiarities of Nitio3 Nanostructures Inferred From First Principle Calculations. [Rsc Advances](#), 5(23), 17396-17404.

70 Hernandez, M. A., Melin, P., Mendez, G. M., Castillo, O. & Lopez-Juarez, I. (2015). A hybrid learning method composed by the orthogonal least-squares and the back-propagation learning algorithms for interval A2-C1 type-1 non-singleton type-2 TSK fuzzy logic systems. [Soft Computing](#), 19, 661-678.

71 De Melo, O., Dominguez, A., Gutierrez Z-B, K. et al. (2015). Graded composition CdxZn1-xTe films grown by Isothermal Close Space Sublimation technique. [Solar Energy Materials and Solar Cells](#), 138, 17-21.

72 Munoz-Arenas, G., Paz-Bermudez, F., Baez-Cordero, A., Caballero-Floran, R., Gonzalez-Hernandez, B., Floran, B. & Limon, I. D. (2015). Cannabinoid Cb1 Receptors Activation and Coactivation With D2 Receptors Modulate Gabaergic Neurotransmission in the Globus Pallidus and Increase Motor Asymmetry. [Synapse](#), 69(3), 103-114.

73 Castaneda-Toledo, E., Kucera, V. & Ruiz-Leon, J. (2015). Realization of Full Column Rank Precompensators Using Stabilizing Static State Feedback. [Systems & Control Letters](#), 76, 42-46.

74 Vieyra-Pincel, P., Jimenez-Perez, J. L., Cruz-Orea, A., Correa-Pacheco, Z. N. & Hernandez-Rosas, J. (2015). Photoacoustic study of curing time by UV laser radiation of a photoresin with different thickness. [Thermochemica Acta](#), 606, 53-57.

75 Escalera-Cueto, M., Medina-Martinez, I., Del Angel, R. M., Berumen-Campos, J., Gutierrez-Escolano, A. L. & Yocupicio-Monroy, M. (2015). Let-7c Overexpression Inhibits Dengue Virus Replication in Human Hepatoma Huh-7 Cells. [Virus Research](#), 196, 105-112.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

76 Rodriguez-Fuentes, N., Reynoso-Ducoing, O., Rodriguez-Hernandez, A., Ambrosio-Hernandez, J. R., Pina-Barba, M. C., Zepeda-Rodriguez, A., Carbon-Cervantes, M. A., Tapia-Ramirez, J. & Alcantara-Quintana, L. E. (2015). Isolation of human mesenchymal stem cells and their cultivation on the porous bone matrix. [Journal of Visualized Experiments](#), 96, e51999.

77 Anaya-Lopez, J. L., Silva-Rosales, L., Montero-Tavera, V., Espejel, F. & Acosta-Gallegos, J. A. (2015). Challenges and opportunities in assisted selection of beans resistant to BCMV and BCMNV in Mexico. I. Scale of the problem. [Revista Mexicana De Ciencias Agrícolas](#), 6(3), 453-465.

*78 Brookes, G., Chen, X. Y., Chrispeels, M. J. et al. (2015). Communication of the International Gmo Workshop. [Science Bulletin](#), 60(2), 283-285.

79 Ferriz-Martinez, R., Garcia-Garcia, K., Torres-Arteaga, I. et al. (2015). Tolerability assessment of a lectin fraction from Tepary bean seeds (*Phaseolus acutifolius*) orally administered to rats. [Toxicology Reports](#), 2, 63-69.

[ARTÍCULOS E] – **CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES**

80 Maldonado-Ramirez, M., Rzedowski-Calderon, M. & Villa-Salvador, G. (2015). Corrigendum to "Genus fields of abelian extensions of rational congruence function fields" [Finite Fields Appl. 20 (2013) 40-54]. [Finite Fields and Their Applications](#), 33, 283-285.

81 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Publisher's note: Muons in Air Showers at the Pierre Auger Observatory: Mean Number in Highly Inclined Events [Phys. Rev. D 91, 032003 (2015)]. [Physical Review D](#), 91(5), 059901(E).

[ARTÍCULOS G] – **RESÚMENES PUBLICADOS EN REVISTAS**

82 Ponce, M., Castro, B., Hernandez, A., Ramon, G., Aguilar, E., Camacho, J., Orjuela, M., Sadowinski, S. & Cabrera, M. D. (2015). Expression of Abcb1, Abcc1 and Abcg2 Transporters on 40 Retinoblastomas Cases Naive to Chemotherapy Treatment. [Laboratory Investigation](#), 95, 469A-470A.

Última actualización: Marzo 08, 2015 01:15 p.m.

ARTÍCULOS DEL MES DE ABRIL DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Quintana-Camargo, M., Mendez-Moran, L., Ramirez-Romero, R., Gurrola-Diaz, C. M., Carapia-Ruiz, V., Ibarra-Laclette, E., Delano-Frier, J. P. & Sanchez-Hernandez, C. (2015). Identification of Genes Differentially Expressed in Husk Tomato (*Physalis Philadelphica*) in Response to Whitefly (*Trialeurodes Vaporariorum*) Infestation. [Acta Physiologiae Plantarum](#), 37(2), 29.
- 2 Hernandez-Flores, J. L., Rodriguez, M. C., Arellanez, A. G., Alvarez-Morales, A. & Avila, E. E. (2015). Effect of Recombinant Prophenin 2 on the Integrity and Viability of *Trichomonas Vaginalis*. [Biomed Research International](#), 2015, 430436.
- 3 Silva-Trujillo, A., Correa-Basurto, J., Romero-Castro, A., Albores, A. & Mendieta-Wejebe, J. E. (2015). A Simple Validated Rp-Hplc Bioanalytical Method for the Quantitative Determination of a Novel Valproic Acid Arylamide Derivative in Rat Hepatic Microsomes. [Biomedical Chromatography](#), 29(4), 523-528.
- 4 Valencia-Morales, M. D., Zaina, S., Heyn, H. et al. (2015). The Dna Methylation Drift of the Atherosclerotic Aorta Increases With Lesion Progression. [Bmc Medical Genomics](#), 8, 7.
- 5 Gonzalez-Mariscal, G., Garcia-Dalman, C. & Jimenez, A. (2015). Biostimulation and nursing modify mating-induced c-FOS immunoreactivity in the female rabbit forebrain. [Brain Research](#), 1608, 66-74.
- 6 Jalife, S., Wu, J. I. C., Martinez-Guajardo, G., Schleyer, P. V., Fernandez-Herrera, M. A. & Merino, G. (2015). The 9-Homocubyl Cation Rearrangement Revisited. [Chemical Communications](#), 51(25), 5391-5393.
- 7 Sanchez-Castellanos, M., Bucio, M. A., Hernandez-Barragan, A., Joseph-Nathan, P., Cuevas, G. & Quijano, L. (2015). Vibrational Circular Dichroism (Vcd), Vcd Exciton Coupling, and Xray Determination of the Absolute Configuration of an Alpha,Beta-Unsaturated Germacranolide. [Chirality](#), 27(3), 247-252.
- 8 Bauer, W. & Vasilevski, N. (2015). On the Structure of Commutative Banach Algebras Generated by Toeplitz Operators on the Unit Ball. Quasi-Elliptic Case. Ii: Gelfand Theory. [Complex Analysis and Operator Theory](#), 9(3), 593-630.
- 9 Adame, M. F., Hermoso, V., Perhans, K., Lovelock, C. E. & Herrera-Silveira, J. A. (2015). Selecting Cost-Effective Areas for Restoration of Ecosystem Services. [Conservation Biology](#), 29(2), 493-502.
- 10 De Rincon, O. T., Montenegro, J. C., Vera, R. et al. (2015). Concrete Carbonation in Ibero-American Countries Duracon Project: Six-Year Evaluation. [Corrosion](#), 71(4), 546-555.

- 11 Prokhorov, E., Kumar-Krishnan, S., Luna-Barcenas, G., Lepe, M. V. & Campos, B. G. (2015). Structure and Properties of Chitosan-Silver Nanoparticles Nanocomposites. [Current Nanoscience](#), 11(2), 166-174.
- 12 Samaniego, J. E., Perez, J. F., Solorza, O. & Garcia, A. (2015). Al₂O₃ + Feco and Al₂O₃ + Feni Coatings for Multiwalled Carbon Nanotubes Growth. [Diamond and Related Materials](#), (53), 18-22.
- 13 Banuelos-Cabral, E. S., Gutierrez-Robles, J. A., Gustavsen, B., Naredo, J. L., Garcia-Sanchez, J. L., Sotelo-Castanon, J. & Galvan-Sanchez, V. A. (2015). Enhancing the accuracy of rational function-based models using optimization. [Electric Power Systems Research](#), 125, 83-90.
- 14 Caixba, M. & Ramirez, A. (2015). A frequency-domain equivalent-based approach to compute periodic steady-state of electrical networks. [Electric Power Systems Research](#), 125, 100-108.
- 15 Magdaleno-Mendez, A., Dominguez, B., Rodriguez-Andrade, A., Barrientos-Morales, M., Cervantes-Acosta, P., Hernandez-Beltran, A., Gonzalez-Ramirez, R. & Felix, R. (2015). Ghrelin Increases Growth Hormone Production and Functional Expression of Na(V)1.1 And Na(V)1.2 Channels in Pituitary Somatotropes. [Endocrine](#), 48(3), 929-936.
- *16 Gonzalez-Herrera, R., Solis-Pimentel, A., Zetina-Moguel, C. & Marino-Tapia, I. (2015). Modeling the Northern Coastline of Yucatan, Mexico, With Genesis. [Environmental & Engineering Geoscience](#), 21(1), 47-61.
- 17 Padilla-Mejia, N. E., Florencio-Martinez, L. E., Moreno-Campos, R., Vizuet-De-Rueda, J. C., Cevallos, A. M., Hernandez-Rivas, R., Manning-Cela, R. & Martinez-Calvillo, S. (2015). The Selenocysteine Trna Gene in Leishmania Major Is Transcribed by Both Rna Polymerase Ii and Rna Polymerase Iii. [Eukaryotic Cell](#), 14(3), 216-227.
- 18 Lujan-Montelongo, J. A., Estevez, A. O. & Fleming, F. F. (2015). Alkyl Sulfinates: Formal Nucleophiles for Synthesizing Tosmic Analogs. [European Journal of Organic Chemistry](#), (7), 1602-1605.
- 19 Contreras-Gallegos, E., Dominguez-Pacheco, F. A., Hernandez-Aguilar, C., Carballo-Carballo, A., Cruz-Orea, A., Thoen, J. & Glorieux, C. (2015). Study of Thermal and Structural Properties of Starch Granules From Different Maize Genotypes. [Food Biophysics](#), 10(1), 19-24.
- 20 Rosas-Cardenas, F. D., Escobar-Guzman, R., Cruz-Hernandez, A., Marsch-Martinez, N. & De Folter, S. (2015). An Efficient Method for Mirna Detection and Localization in Crop Plants. [Frontiers in Plant Science](#), 6, 99.
- 21 Dominguez-Bocanegra, A. R., Torres-Munoz, J. A. & Lopez, R. A. (2015). Production of Bioethanol From Agro-Industrial Wastes. [Fuel](#), 149, 85-89.
- 22 Carretero-Paulet, L., Chang, T. H., Librado, P., Ibarra-Laclette, E., Herrera-Estrella, L., Rozas, J. & Albert, V. A. (2015). Genome-Wide Analysis of Adaptive Molecular Evolution in the Carnivorous Plant Utricularia Gibba. [Genome Biology and Evolution](#), 7(2), 444-456.

- 23 Aichholzer, O., Caraballo, L. E., Diaz-Banez, J. M., Fabila-Monroy, R., Ochoa, C. & Nigsch, P. (2015). Characterization of Extremal Antipodal Polygons. [Graphs and Combinatorics](#), 31(2), 321-333.
- 24 Karanovic, I., Orduna-Martinez, L. & Ardisson, P. L. (2015). On the Phylogenetic Position of Pseudophilomedinae Within Sarsielloidea (Ostracoda, Myodocopida), With a Description of One New Harbansus From Ningaloo Reef and Redescription of H. Paucichelatus From Yucatan. [Helgoland Marine Research](#), 69(1), 37-56.
- 25 Alvarado-Macias, G., Fuentes-Aceituno, J. C. & Nava-Alonso, F. (2015). Silver Leaching With the Thiosulfate-Nitrite-Sulfite-Copper Alternative System. [Hydrometallurgy](#), 152, 120-128.
- 26 Lopez, S., Cervantes, J. A., Robles, F. A. & Ramos, F. (2015). Computational Model of Motor Planning for Virtual Creatures: a Biologically Inspired Model. [Ieee Latin America Transactions](#), 13(1), 10-17.
- 27 Galan, N., Rosas, R., Rios, J., Canedo, J. M. & Loukianov, A. (2015). Application of Pi and Super Twisting Drivers to Voltage Regulation of Wind Farm Via Statcom. [Ieee Latin America Transactions](#), 13(2), 462-468.
- 28 Lozano-Garcia, J. M. & Ramirez, J. M. (2015). Voltage Compensator Based on a Direct Matrix Converter Without Energy Storage. [Iet Power Electronics](#), 8(3), 321-332.
- 29 Yamazaki-Nakashimada, M., Maravillas-Montero, J. L., Berron-Ruiz, L. et al. (2015). Successful Adjunctive Immunoglobulin Treatment in Patients Affected by Leukocyte Adhesion Deficiency Type 1 (Lad-1). [Immunologic Research](#), 61(3), 260-268.
- 30 Aviles-Vinas, J. F., Lopez-Juarez, I. & Rios-Cabrera, R. (2015). Acquisition of Welding Skills in Industrial Robots. [Industrial Robot-an International Journal](#), 42(2), 156-166.
- 31 Tapia, R. C., Carrasco, M. F., Rodriguez-Rivera, V. et al. (2015). Identity, Morphometry and Historical Change of the Laguna Encantada in Guelatao De Juarez, Oaxaca, Mexico. [Interciencia](#), 40(2), 100-106.
- 32 Sanchez, E. N. & Rodriguez, D. I. (2015). Inverse Optimal Pinning Control for Complex Networks of Chaotic Systems. [International Journal of Bifurcation and Chaos](#), 25(2), 1550031.
- 33 Jasso-Fuentes, H. & Lopez-Barrientos, J. D. (2015). On the Use of Stochastic Differential Games Against Nature to Ergodic Control Problems With Unknown Parameters. [International Journal of Control](#), 88(5), 897-909.
- 34 Rubio-Loyola, J., Toscano-Pulido, G., Charalambides, M., Magana-Aguilar, M., Serrat-Fernandez, J., Pavlou, G. & Galeana-Zapien, H. (2015). Business-Driven Policy Optimization for Service Management. [International Journal of Network Management](#), 25(2), 113-140.
- 35 Ochoa, G., Melchor-Aguilar, D. & Mondie, S. (2015). Critical Parameters of Integral Delay Systems. [International Journal of Robust and Nonlinear Control](#), 25(7), 1094-1105.

- 36 Aguilar-Ibanez, C., Martinez, J. C., Rubio, J. D. & Suarez-Castanon, M. S. (2015). Inducing Sustained Oscillations in Feedback-Linearizable Single-Input Nonlinear Systems. [Isa Transactions](#), 54, 117-124.
- 37 Meriuts, A. V. & Gurevich, Y. G. (2015). Unusual Nonlinear Current-Voltage Characteristics of a Metal-Intrinsic Semiconductor-Metal Barrierless Structure. [Journal of Applied Physics](#), 117(10), 104506.
- 38 Bogoya, J. M., Bottcher, A., Grudsky, S. M. & Maximenko, E. A. (2015). Maximum norm versions of the Szeg+æ and AvramGÇôParter theorems for Toeplitz matrices. [Journal of Approximation Theory](#), 196, 79-100.
- 39 Cacho, L. M., Bueno, J. J. P., Vong, Y. M., Stremsoerfer, G., Beltran, F. J. E. & Vega, J. M. (2015). Novel Green Process to Modify Abs Surface Before Its Metallization: Optophysic Treatment. [Journal of Coatings Technology and Research](#), 12(2), 313-323.
- 40 Concha, A. & Garrido, R. (2015). Parameter Estimation of the Fitzhugh-Nagumo Neuron Model Using Integrals Over Finite Time Periods. [Journal of Computational and Nonlinear Dynamics](#), 10(2), 021023.
- 41 Balderas, J. U., Falcony, C., Jimenez, G. L., Garzon, A. S. & Mondragon, M. (2015). The Use of Nanoclays to Modify the Morphology and Photoluminescence of Electrospun Poly(9-Vinylcarbazole)/Poly[2-Methoxy-5-(2¹-Ethylhexyloxy)-1,4-Phenylene Vinylene] Blend Fibers. [Journal of Electronic Materials](#), 44(4), 1238-1244.
- 42 Cardenas-Palomo, N., Herrera-Silveira, J., Velazquez-Abunader, I., Reyes, O. & Ordonez, U. (2015). Distribution and Feeding Habitat Characterization of Whale Sharks Rhincodon Typus in a Protected Area in the North Caribbean Sea. [Journal of Fish Biology](#), 86(2), 668-686.
- 43 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2015). Study of Z Production in Pbpb and Pp Collisions at Root S(Nn)=2.76 Tev in the Dimuon and Dielectron Decay Channels. [Journal of High Energy Physics](#), (3), 022.
- 44 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Performance of the Cms Missing Transverse Momentum Reconstruction in Pp Data at Root S=8 Tev. [Journal of Instrumentation](#), 10, P02006.
- 45 Molina-Jijon, E., Rodriguez-Munoz, R., Namorado, M. C., Bautista-Garcia, P., Medina-Campos, O. N., Pedraza-Chaverri, J. & Reyes, J. L. (2015). All-trans retinoic acid prevents oxidative stress-induced loss of renal tight junction proteins in type-1 diabetic model. [Journal of Nutritional Biochemistry](#), 26(5), 441-454.
- 46 Juaristi, E. & Notario, R. (2015). Theoretical Examination of the S-C-P Anomeric Effect. [Journal of Organic Chemistry](#), 80(5), 2879-2883.

- 47 Rodriguez-Romero, V., Gonzalez-Villalva, K. I., Reyes, J. L., Franco-Bourland, R. E., Guizar-Sahagun, G., Castaneda-Hernandez, G. & Cruz-Antonio, L. (2015). A Novel, Simple and Inexpensive Procedure for the Simultaneous Determination of Iopamidol and P-Aminohippuric Acid for Renal Function Assessment From Plasma Samples in Awake Rats. [Journal of Pharmaceutical and Biomedical Analysis](#), 107, 196-203.
- 48 Zuniga-Gutierrez, B., Camacho-Gonzalez, M., Simon-Bastida, P., Bendana-Castillo, A., Calaminici, P. & Koster, A. M. (2015). Efficient Calculation of the Rotational G Tensor From Auxiliary Density Functional Theory. [Journal of Physical Chemistry A](#), 119(9), 1469-1477.
- 49 Cruz-Olvera, D., Vasquez, A. D., Geudtner, G., Vasquez-Perez, J. M., Calaminici, P. & Koster, A. M. (2015). Transition-State Searches in Metal Clusters by First-Principle Methods. [Journal of Physical Chemistry A](#), 119(9), 1494-1501.
- 50 Idigoras, J., Burdzinski, G., Karolczak, J., Kubicki, J., Oskam, G., Anta, J. A. & Ziolek, M. (2015). The Impact of the Electrical Nature of the Metal Oxide on the Performance in Dye-Sensitized Solar Cells: New Look at Old Paradigms. [Journal of Physical Chemistry C](#), 119(8), 3931-3944.
- 51 Diliegros-Godines, C. J., Flores-Ruiz, F. J., Castanedo-Perez, R., Torres-Delgado, G., Espinoza-Beltran, F. J. & Broitman, E. (2015). Mechanical and Tribological Properties of Cdo + Sno2 Thin Films Prepared by Sol-Gel. [Journal of Sol-Gel Science and Technology](#), 74(1), 114-120.
- 52 Carrillo-Tripp, M., Montiel-Garcia, D. J., Brooks, C. L. & Reddy, V. S. (2015). CapsidMaps: Protein-protein interaction pattern discovery platform for the structural analysis of virus capsids using Google Maps. [Journal of Structural Biology](#), 190(1), 47-55.
- 53 Perez-Estrada, S., Rodriguez-Molina, B., Xiao, L., Santillan, R., Jimenez-Oses, G., Houk, K. N. & Garcia-Garibay, M. A. (2015). Thermodynamic Evaluation of Aromatic Ch/Pi Interactions and Rotational Entropy in a Molecular Rotor. [Journal of the American Chemical Society](#), 137(6), 2175-2178.
- 54 Saucedo-Balderas, M. M., Delgado-Alfaro, R. A., Martinez-Martinez, F. J., Ortegón-Reyna, D., Bernabe-Pineda, M., Zuniga-Lemus, O. & Gonzalez-Gonzalez, J. S. (2015). Synthesis, Molecular Structure of Diethyl Phenylenebis(Methylene) Dicarbamates and Ftir Spectroscopy Molecular Recognition Study With Benzenediols. [Journal of the Brazilian Chemical Society](#), 26(2), 396-402.
- 55 Gomez-Gutierrez, D., Celikovsk, S., Ramirez-Trevino, A. & Castillo-Toledo, B. (2015). On the observer design problem for continuous-time switched linear systems with unknown switchings. [Journal of the Franklin Institute](#), 352(4), 1595-1612.
- 56 Silva-Navarro, G. & Abundis-Fong, H. F. (2015). Passive/Active Autoparametric Cantilever Beam Absorber With Piezoelectric Actuator for a Two-Story Building-Like Structure. [Journal of Vibration and Acoustics-Transactions of the Asme](#), 137(1), 011017.
- 57 Charikova, T., Okulov, V., Gubkin, A., Lugovikh, A., Moiseev, K., Nevedomsky, V., Kudriavtsev, Y., Gallardo, S. & Lopez, M. (2015). Magnetization in Aiiiv Semiconductor Heterostructures With the Depletion Layer of Manganese. [Low Temperature Physics](#), 41(2), 157-159.

- 58 Juarez-Gonzalez, F., Suarez-Ortiz, G. A., Fragoso-Serrano, M., Cerda-Garcia-Rojas, C. M. & Pereda-Miranda, R. (2015). Dft H-1-H-1 Coupling Constants in the Conformational Analysis and Stereoisomeric Differentiation of 6-Heptenyl-2h-Pyran-2-Ones: Configurational Reassignment of Synargentolide a. [Magnetic Resonance in Chemistry](#), 53(3), 203-212.
- 59 Quinones-Galvan, J. G., Gonzalez-Rivera, Y. A., Lozada-Morales, R., Campos-Gonzalez, E., Jimenez-Sandoval, S., Zelaya-Angel, O. & Rubio-Rosas, E. (2015). Incorporation of Er³⁺ ions into an amorphous matrix of Cd₂V₂O₇ containing crystalline CdO nanoparticles. [Materials Research Bulletin](#), 68, 267-270.
- 60 Rojas-Marquez, C., Valle-Rios, R., Lopez-Bayghen, E. & Ortiz-Navarrete, V. (2015). CRTAM is negatively regulated by ZEB1 in T cells. [Molecular Immunology](#), 66(2), 290-298.
- 61 Alam-Escamilla, D., Estrada-Muniz, E., Solis-Villegas, E., Elizondo, G. & Vega, L. (2015). Genotoxic and Cytostatic Effects of 6-Pentadecyl Salicylic Anacardic Acid in Transformed Cell Lines and Peripheral Blood Mononuclear Cells. [Mutation Research-Genetic Toxicology and Environmental Mutagenesis](#), 777, 43-53.
- 62 Calderon-Vallejo, D., Quintanar-Stephano, A., Hernandez-Jasso, I., Jimenez-Hernandez, V., Ruiz-Ornelas, J., Jimenez, I. & Quintanar, J. L. (2015). Functional and Structural Recovery of the Injured Spinal Cord in Rats Treated With Gonadotropin-Releasing Hormone. [Neurochemical Research](#), 40(3), 455-462.
- 63 Sanchez-Paredes, J., Silva-Ortigoza, G. & Castro-Ramos, J. (2015). Intensity-Based Method for Selection of Valid Interferometric Data in Temporal Phase Shifting Interferometry. [Optical Engineering](#), 54(2), 024106.
- 64 Kekesi, R., Martin-Becerra, D., Meneses-Rodriguez, D., Garcia-Perez, F., Cebollada, A. & Armelles, G. (2015). Enhanced Nonreciprocal Effects in Magnetoplasmonic Systems Supporting Simultaneously Localized and Propagating Plasmons. [Optics Express](#), 23(6), 8128-8133.
- 65 Gutierrez-Castaneda, E., Salinas-Rodriguez, A., Deaquino-Lara, R. & Marquez-Torres, F. (2015). High Temperature Oxidation and Its Effects on Microstructural Changes of Hot-Rolled Low Carbon Non-Oriented Electrical Steels During Air Annealing. [Oxidation of Metals](#), 83(3-4), 237-252.
- 66 Soto, J. R., Molina, B. & Castro, J. (2015). Reexamination of the Origin of the Pseudo Jahn-Teller Puckering Instability in Silicene. [Physical Chemistry Chemical Physics](#), 17(12), 7624-7628.
- 67 Cui, Z. H., Ding, Y. H., Cabellos, J. L., Osorio, E., Islas, R., Restrepo, A. & Merino, G. (2015). Planar Tetracoordinate Carbons With a Double Bond in C₁₃E Clusters. [Physical Chemistry Chemical Physics](#), 17(14), 8769-8775.
- 68 Monteseuro, V., Rodriguez-Hernandez, P., Ortiz, H. M., Venkatramu, V., Manjon, F. J., Jayasankar, C. K., Lavin, V. & Munoz, A. (2015). Structural, Elastic and Vibrational Properties of Nanocrystalline Lutetium Gallium Garnet Under High Pressure. [Physical Chemistry Chemical Physics](#), 17(14), 9454-9464.

- 69 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the Electron Charge Asymmetry in $P(\bar{P}) \rightarrow W + X \rightarrow e\nu + X$ Decays in $P(\bar{P})$ Collisions at $\sqrt{s}=1.96$ TeV. [Physical Review D](#), 91(3), 032007.
- 70 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurements of Jet Multiplicity and Differential Production Cross Sections of Z Plus Jets Events in Proton-Proton Collisions at $\sqrt{s}=7$ TeV. [Physical Review D](#), 91(5), 052008.
- 71 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Resonances and Quantum Black Holes Using Dijet Mass Spectra in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [Physical Review D](#), 91(5), 052009.
- 72 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the Ratio of Inclusive Cross Sections $\sigma(P(\bar{P}) \rightarrow Z+2b \text{ Jets})/\sigma(P(\bar{P}) \rightarrow Z+2 \text{ Jets})$ in $P(\bar{P})$ Collisions at $\sqrt{s}=1.96$ TeV. [Physical Review D](#), 91(5), 052010.
- 73 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Supersymmetry Using Razor Variables in Events With B-Tagged Jets in Pp Collisions at $\sqrt{s}=8$ TeV. [Physical Review D](#), 91(5), 052018.
- 74 Ayon-Beato, E., Bravo-Gaete, M., Correa, F., Hassaine, M., Juarez-Aubry, M. & Oliva, J. (2015). First Law and Anisotropic Cardy Formula for Three-Dimensional Lifshitz Black Holes. [Physical Review D](#), 91(6), 064006.
- 75 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the B-S(0) Lifetime in the Flavor-Specific Decay Channel $B-S(0) \rightarrow D-S(-)\mu(+)\nu X$. [Physical Review Letters](#), 114(6), 062001.
- 76 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Study of Vector Boson Scattering and Search for New Physics in Events With Two Same-Sign Leptons and Two Jets. [Physical Review Letters](#), 114(5), 051801.
- 77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Displaced Supersymmetry in Events With an Electron and a Muon With Large Impact Parameters. [Physical Review Letters](#), 114(6), 061801.
- 78 Miranda, O. G., Moura, C. A. & Parada, A. (2015). Sterile neutrinos, dark matter, and resonant effects in ultra high energy regimes. [Physics Letters B](#), 744, 55-58.
- 79 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Long-Range Two-Particle Correlations of Strange Hadrons With Charged Particles in Ppb and Pbpb Collisions at Lhc Energies. [Physics Letters B](#), 742, 200-224.
- 80 Vargas-Ortiz, E., Delano-Frier, J. P. & Tiessen, A. (2015). The tolerance of grain amaranth (*Amaranthus cruentus* L.) to defoliation during vegetative growth is compromised during flowering. [Plant Physiology and Biochemistry](#), 91, 36-40.

- 81 Calderon-Rivera, A., Sandoval, A., Gonzalez-Ramirez, R., Gonzalez-Billault, C. & Felix, R. (2015). Regulation of Neuronal Ca(V)3.1 Channels by Cyclin-Dependent Kinase 5 (Cdk5). [Plos One](#), 10(3), e0119134.
- 82 Sharma, P. P., Fernandez, R., Esposito, L. A., Gonzalez-Santillan, E. & Monod, L. (2015). Phylogenomic Resolution of Scorpions Reveals Multilevel Discordance With Morphological Phylogenetic Signal. [Proceedings of the Royal Society B-Biological Sciences](#), 282(1804), 20142953.
- 83 Vega-Rivera, N. M., Fernandez-Guasti, A., Ramirez-Rodriguez, G. & Estrada-Camarena, E. (2015). Effect of sub-optimal doses of fluoxetine plus estradiol on antidepressant-like behavior and hippocampal neurogenesis in ovariectomized rats. [Psychoneuroendocrinology](#), 57, 113-124.
- 84 Sira-Ramrez, H., Linares-Flores, J., Luviano-Juarez, A. & Cortes-Romero, J. (2015). Global Ultra-models in Active Disturbance Rejection Control of Nonlinear Differentially Flat Systems. [Revista Iberoamericana De Automatica e Informatica Industrial RIAI](#), 12(2), 133-144.
- 85 Camargo-Martinez, J. A., Espitia, D. & Baquero, R. (2015). Atomic Displacements Effects on the Electronic Properties of Bi2sr2ca2cu3o10. [Revista Mexicana De Fisica](#), 61(2), 88-95.
- 86 Garcia-Aguilar, J. D. & Perez-Lorenzana, A. (2015). Dimensional Regularization With Non Beta-Functions. [Revista Mexicana De Fisica](#), 61(2), 149-153.
- 87 Perez-Garcia, M. G., Carranza, A., Puig, J. E., Pojman, J. A., Del Monte, F., Luna-Barcenas, G. & Mota-Morales, J. D. (2015). Porous Monoliths Synthesized Via Polymerization of Styrene and Divinyl Benzene in Nonaqueous Deep-Eutectic Solvent-Based Hipes. [Rsc Advances](#), 5(30), 23255-23260.
- 88 Guevara-Pantoja, P. E. & Caballero-Robledo, G. A. (2015). Tuning Finely the Packing Density of Heavy Microparticles in a Microfluidic Channel. [Rsc Advances](#), 5(31), 24635-24639.
- 89 Esquivel-Gaon, M., Anguissola, S., Garry, D., Gallegos-Melgar, A. D., Saldana, J. M., Dawson, K. A., De Vizcaya-Ruiz, A. & Del Razo, L. M. (2015). Bismuth-Based Nanoparticles as the Environmentally Friendly Replacement for Lead-Based Piezoelectrics. [Rsc Advances](#), 5(35), 27295-27304.
- 90 Gonzalez, J. L., Carretero-Perez, J., Sosa-Sosa, V. J., Sanchez, L. M. & Bergua, B. (2015). SkyCDS: A resilient content delivery service based on diversified cloud storage. [Simulation Modelling Practice and Theory](#), 54, 64-85.
- 91 Fabila-Monroy, R., Huemer, C. & Mitsche, D. (2015). Empty Non-Convex and Convex Four-Gons in Random Point Sets. [Studia Scientiarum Mathematicarum Hungarica](#), 52(1), 52-64.
- 92 Rodriguez-Tello, E., Hao, J. K. & Romero-Monsivais, H. (2015). Boosting the Performance of Metaheuristics for the Minla Problem Using a More Discriminating Evaluation Function. [Tehnicky Vjesnik-Technical Gazette](#), 22(1), 11-24.

93 Rangel, H., Carrillo-Morales, M., Galindo, J. M., Castillo, E., Obregon-Zuniga, A., Juaristi, E. & Escalante, J. (2015). Structural features of N-benzylated-beta-amino acid methyl esters essential for enantiodifferentiation by lipase B from *Candida antarctica* in hydrolytic reactions. [Tetrahedron: Asymmetry](#), 26(7), 325-332.

94 Vargas-Caamal, A., Ortiz-Chi, F., Moreno, D., Restrepo, A., Merino, G. & Cabellos, J. L. (2015). The Rich and Complex Potential Energy Surface of the Ethanol Dimer. [Theoretical Chemistry Accounts](#), 134(2), 16.

95 Flores-Marquez, J. M., Albor-Aguilera, M. L., Matsumoto-Kuwabara, Y., Gonzalez-Trujillo, M. A., Hernandez-Vasquez, C., Mendoza-Perez, R., Contreras-Puente, G. S. & Tufino-Velazquez, M. (2015). Improving CdS/CdTe thin film solar cell efficiency by optimizing the physical properties of CdS with the application of thermal and chemical treatments. [Thin Solid Films](#), 582, 124-127.

96 Lopez-Barrientos, J. D., Jasso-Fuentes, H. & Escobedo-Trujillo, B. A. (2015). Discounted Robust Control for Markov Diffusion Processes. [Top](#), 23(1), 53-76.

97 Hussain, S. Q., Kwon, G. D., Ahn, S. et al. (2015). SF6/Ar plasma textured periodic glass surface morphologies with high transmittance and haze ratio of ITO:Zr films for amorphous silicon thin film solar cells. [Vacuum](#), 117, 91-97.

98 Espino-Solis, G. P., Quintero-Hernandez, V., Olvera-Rodriguez, A., Calderon-Amador, J., Pedraza-Escalona, M., Licea-Navarro, A., Flores-Romo, L. & Possani, L. D. (2015). Novel monoclonal antibody against alphaX subunit from horse CD11c/CD18 integrin. [Veterinary Immunology and Immunopathology](#), 164(3-4), 220-226.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

99 Ramirez-Neria, M., Sira-Ramirez, H., Luviano-Juarez, A. & Rodriguez-Angeles, A. (2015). Active Disturbance Rejection Control Applied to a Delta Parallel Robot in Trajectory Tracking Tasks. [Asian Journal of Control](#), 17(2), 636-647.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

100 Dussel, I. (2015). Feminists in Search of a Postcolonial Turn: Locating Ourselves in the Geopolitics of Knowledge. [Gender and Education](#), 27(2), 95-97.

101 Luna-Munoz, J., Perry, G. & Guevara, J. (2015). Raul Mena: 1953-2014 Obituary. [Journal of Alzheimers Disease](#), 45(2), 325-327.

102 Winkler, R. (2015). Spidermass: Semantic Database Creation and Tripartite Metabolite Identification Strategy. [Journal of Mass Spectrometry](#), 50(3), 538-541.

103 Avila-George, H., Torres-Jimenez, J., Rangel-Valdez, N., Carrion, A. & Hernandez, V. (2015). Supercomputing and Grid Computing on the Verification of Covering Arrays (Vol 62, Pg 916, 2012). [Journal of Supercomputing](#), 71(3), 1175-1176.

104 endoza-Espinosa, D., Gonzalez-Olvera, R., Osornio, C., Negron-Silva, G. E. & Santillan, R. (2015). Versatile O- and S-Functionalized 1,2,3-Triazoliums: Ionic Liquids for the Baylis-Hillman Reaction and Ligand Precursors for Stable Mic-Transition Metal Complexes. [New Journal of Chemistry](#), 39(3), 1587-1591.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

105 Avila-Escalante, M. L., Bogin, B. & Dickinson, F. (2015). Folate (F) and Vitamin B Complex (Vbc) Ingestion of Teenagers Merida, Yucatan, Mexico. [American Journal of Human Biology](#), 27(2), 260.

106 Azcorra, H., Dickinson, F. & Banik, S. D. (2015). A Study on Birth Weight Among the Maya From Yucatan, Mexico. [American Journal of Human Biology](#), 27(2), 260-261.

107 Banik, S. D. & Gonzalez, R. M. M. (2015). Body Size and Nutritional Status of Maya Children Between 12.0 And 23.2 Months of Age in Yaxcaba, Yucatan: in Relation to Gestational Age and Socioeconomic Status. [American Journal of Human Biology](#), 27(2), 266.

108 Munoz, M. D. L., Ochoa-Lugo, M. I. I., Perez-Ramirez, G., Romano-Pacheco, A., Ramos, E. & Martinez-Meza, A. (2015). Maternal Linage of Pre-Hispanic Mayans From the Archeological Sites "El Rey" and "Palenque". [American Journal of Physical Anthropology](#), 156, 232-233.

109 Varela-Silva, M. I., Bogin, B., Azcorra, H., Avila, M. L., Castillo, M. T., Richardson, S. & Dickinson, F. (2015). The Maya Project: Engaging Maya Communities and the General Public in Research Through Art and Multimedia Outputs. [American Journal of Physical Anthropology](#), 156, 312.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

*110 Gandini, M. A., Sandoval, A. & Felix, R. (2015). Toxins Targeting Voltage-Activated Ca²⁺ Channels and Their Potential Biomedical Applications. [Current Topics in Medicinal Chemistry](#), 15(7), 604-616.

ARTÍCULOS DEL MES DE MAYO DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 De Vangel, B. C., Torres-Huitzil, C. & Girau, B. (2015). Randomly Spiking Dynamic Neural Fields. [Acm Journal on Emerging Technologies in Computing Systems](#), 11(4), 37.
- 2 Cruz, H., Schuch, D., Castanos, O. & Rosas-Ortiz, O. (2015). Time-evolution of quantum systems via a complex nonlinear Riccati equation. I. Conservative systems with time-independent Hamiltonian. [Annals of Physics](#), 360, 44-60.
- 3 Fernandez, D. J. & Gonzalez, J. C. (2015). Complex oscillator and Painleve IV equation. [Annals of Physics](#), 359, 213-229.
- 4 Cruz-Victoria, J. C., Martinez-Guerra, R., Perez-Pinacho, C. A. & Gomez-Cortes, G. C. (2015). Synchronization of nonlinear fractional order systems by means of PIRA reduced order observer. [Applied Mathematics and Computation](#), 262, 224-231.
- 5 Martinez-Guerra, R., Perez-Pinacho, C. A., Gomez-Cortes, G. C. & Cruz-Victoria, J. C. (2015). Synchronization of incommensurate fractional order system. [Applied Mathematics and Computation](#), 262, 260-266.
- 6 Matsumoto, Y., Dutt, A., Santana-Rodriguez, G., Santoyo-Salazar, J. & Aceves-Mijares, M. (2015). Nanocrystalline Si/SiO₂ Core-Shell Network With Intense White Light Emission Fabricated by Hot-Wire Chemical Vapor Deposition. [Applied Physics Letters](#), 106(17), 171912.
- 7 Villa-Ruano, N., Lozoya-Gloria, E., Betancourt-Jimenez, M. G., Herlt, T., Pacheco-Hernandez, Y. & Castro-Juarez, C. J. (2015). Functional Characterization of Ent-Kaurene Oxidase, Mtko, From *Montanoa tomentosa* (Zoapatle). [Archives of Biological Sciences](#), 67(1), 193-199.
- 8 Martinez-Soto, D. & Ruiz-Herrera, J. (2015). Regulation of the Expression of the Whole Genome of *Ustilago maydis* by a MAPK Pathway. [Archives of Microbiology](#), 197(4), 575-588.
- 9 Martinez-Medina, L. A., Pichardo, B., Perez-Villegas, A. & Moreno, E. (2015). The Contribution of Spiral Arms to the Thick Disk Along the Hubble Sequence. [Astrophysical Journal](#), 802(2), 109.
- 10 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Large Scale Distribution of Ultra High Energy Cosmic Rays Detected at the Pierre Auger Observatory With Zenith Angles up to 80 Degrees. [Astrophysical Journal](#), 802(2), 111.
- 11 Poznyak, A. S. (2015). Robust Feedback Design for Stabilization of Nonlinear Systems With Sampled-Data and Quantized Output: Attractive Ellipsoid Method. [Automation and Remote Control](#), 76(5), 834-846.
- *12 Esmeral, K., Ferrer, O. & Wagner, E. (2015). Frames in Krein Spaces Arising From a Non-Regular W-Metric. [Banach Journal of Mathematical Analysis](#), 9(1), 1-16.

13 Alvarado, J. A., Maldonado, A., Juarez, H., Pacio, M. & Perez, R. (2015). Characterization of nanostructured ZnO thin films deposited through vacuum evaporation. [Beilstein Journal of Nanotechnology](#), 6, 971-975.

14 Sandoval-Cabrera, A., Zarzosa-Alvarez, A. L., Martinez-Miguel, R. M. & Bermudez-Cruz, R. M. (2015). Mr (Mre11-Rad50) Complex in Giardia Duodenalis: in Vitro Characterization and Its Response Upon Dna Damage. [Biochimie](#), 111C, 45-57.

15 Cime-Castillo, J., Delannoy, P., Mendoza-Hernandez, G. et al. (2015). Sialic Acid Expression in the Mosquito Aedes Aegypti and Its Possible Role in Dengue Virus-Vector Interactions. [Biomed Research International](#), 2015, 504187.

16 Barrientos-Ramirez, L., Vargas-Radillo, J. J., Segura-Nieto, M., Manriquez-Gonzalez, R. & Toral Fald. (2015). Nutritional Evaluation of Mature Seeds of Enterolobium Cyclocarpum (Parota) From Diverse Ecological Zones in Western Mexico. [Bosque](#), 36(1), 95-103.

17 Ferraro, S., Gomez-Montalvo, A. I., Olmos, R., Ramirez, M. & Lamas, M. (2015). Primary Cilia in Rat Mature Muller Glia: Downregulation of Ift20 Expression Reduces Sonic Hedgehog-Mediated Proliferation and Dedifferentiation Potential of Muller Glia Primary Cultures. [Cellular and Molecular Neurobiology](#), 35(4), 533-542.

18 Caballero-Briones, F., Calzadilla, O., Chale-Lara, F., Rejon, V. & Pena, J. L. (2015). Mg-Doped CdS films prepared by chemical bath deposition, optical and electrical properties. [Chalcogenide Letters](#), 12(4), 137-145.

19 Munoz-Estrada, J., Benitez-King, G., Berlanga, C. & Meza, I. (2015). Altered Subcellular Distribution of the 75-Kda Disc1 Isoform, Camp Accumulation, and Decreased Neuronal Migration in Schizophrenia and Bipolar Disorder: Implications for Neurodevelopment. [Cns Neuroscience & Therapeutics](#), 21(5), 446-453.

*20 Di Ianni, M. E., Enrique, A. V., Del Valle, M. E., Aldana, B., Rosella, M. A., Rocha, L., Castro, E. A., Bruno-Blanch, L. E. & Talevi, A. (2015). Is There a Relationship Between Sweet Taste and Seizures? Anticonvulsant and Proconvulsant Effects of Non-Nutritive Sweeteners. [Combinatorial Chemistry & High Throughput Screening](#), 18(4), 335-345.

21 Aichholzer, O., Fabila-Monroy, R., Gonzalez-Aguilar, H., Hackl, T., Heredia, M. A., Huemer, C., Urrutia, J., Valtr, P. & Vogtenhuber, B. (2015). On k-gons and k-holes in point sets. [Computational Geometry](#), 48(7), 528-537.

22 Avila-Lopez, U., Almanza-Robles, J. M. & Escalante-Garcia, J. I. (2015). Investigation of Novel Waste Glass and Limestone Binders Using Statistical Methods. [Construction and Building Materials](#), 82, 296-303.

23 Merupo, V. I., Velumani, S., Ordon, K., Errien, N., Szade, J. & Kassiba, A. H. (2015). Structural and Optical Characterization of Ball-Milled Copper-Doped Bismuth Vanadium Oxide (Bivo4). [Crystengcomm](#), 17(17), 3366-3375.

*24 Rivas, A. L., Hoogesteijn, A. L. & Piccinini, R. (2015). Beyond Numbers: the Informative Patterns of Immuno-Staphylococcal Dynamics. [Current Pharmaceutical Design](#), 21(16), 2122-2130.

25 Caballero-Jimenez, J., Habib, F., Ramirez-Rosales, D. et al. (2015). Inducing Magnetic Communication in Caged Dinuclear Co(II) Systems. [Dalton Transactions](#), 44(18), 8649-8659.

26 Torres-Jimenez, J., Izquierdo-Marquez, I., Kacker, R. N. & Kuhn, R. D. (2015). Tower of covering arrays. [Discrete Applied Mathematics](#), 190-191, 141-146.

27 Mex, L., Cruz-Villar, C. A. & Penunuri, F. (2015). Closed-Form Solutions to Differential Equations Via Differential Evolution. [Discrete Dynamics in Nature and Society](#), 2015, 910316.

28 Pineda-Farias, J. B., Velazquez-Lagunas, I., Barragan-Iglesias, P., Cervantes-Duran, C. & Granados-Soto, V. (2015). 5-Ht2b Receptor Antagonists Reduce Nerve Injury-Induced Tactile Allodynia and Expression of 5-Ht2b Receptors. [Drug Development Research](#), 76(1), 31-39.

29 Reyes, E. N., Messina, A. R. & Perez, M. A. (2015). Design of wide-area damping controllers using the block relative gain. [Electric Power Systems Research](#), 126, 56-67.

30 Bach, P., Stratmann, M., Valencia-Jaime, I., Romero, A. H. & Renner, F. U. (2015). Lithiation and Delithiation Mechanisms of Gold Thin Film Model Anodes for Lithium Ion Batteries: Electrochemical Characterization. [Electrochimica Acta](#), 164, 81-89.

31 Salas-Vargas, J., Mancera-Gervacio, J., Velazquez-Perez, L. et al. (2015). Spinocerebellar Ataxia Type 7: a Neurodegenerative Disorder With Peripheral Neuropathy. [European Neurology](#), 73(3-4), 173-178.

32 Sanchez, E. M., Clempner, J. B. & Poznyak, A. S. (2015). Solving the Mean-Variance Customer Portfolio in Markov Chains Using Iterated Quadratic/Lagrange Programming: a Credit-Card Customer Limits Approach. [Expert Systems With Applications](#), 42(12), 5315-5327.

33 Aguilar, A., Wagstaff, K. M., Suarez-Sanchez, R., Zinker, S., Jans, D. A. & Cisneros, B. (2015). Nuclear Localization of the Dystrophin-Associated Protein Alpha-Dystrobrevin Through Importin Alpha 2/Beta 1 Is Critical for Interaction With the Nuclear Lamina/Maintenance of Nuclear Integrity. [Faseb Journal](#), 29(5), 1842-1858.

34 Garcia-Tejeda, Y. V., Salinas-Moreno, Y. & Martinez-Bustos, F. (2015). Acetylation of Normal and Waxy Maize Starches as Encapsulating Agents for Maize Anthocyanins Microencapsulation. [Food and Bioprocess Technology](#), 94, 717-726.

35 Toral-Rios, D., Franco-Bocanegra, D., Rosas-Carrasco, O., Mena-Barranco, F., Garcia, R. C., Meraz-Rios, M. A. & Campos-Pena, V. (2015). Evaluation of Inflammation-Related Genes Polymorphisms in Mexican With Alzheimer's Disease: a Pilot Study. [Frontiers in Cellular Neuroscience](#), 9, 148.

36 Arguello-Garcia, R., Cruz-Soto, M., Gonzalez-Trejo, R., Paz-Maldonado, L. M. T., Bazan-Tejeda, M. L., Mendoza-Hernandez, G. & Ortega-Pierres, G. (2015). An Antioxidant Response Is Involved in Resistance of Giardia Duodenalis to Albendazole. [Frontiers in Microbiology](#), 6, 286.

- 37 Aviles, A., Cruz, N., Klapp, J. & Luongo, O. (2015). Emerging the Dark Sector From Thermodynamics of Cosmological Systems With Constant Pressure. [General Relativity and Gravitation](#), 47(5), 63.
- 38 Rojas, F., Lopez, I., Pinto, D. & Sosa, V. J. (2015). Context Expansion for Domain-Specific Word Sense Disambiguation. [IEEE Latin America Transactions](#), 13(3), 784-789.
- 39 Zavattoni, E., Perez, L. J. D., Mitsunari, S., Sanchez-Ramirez, A. H., Teruya, T. & Rodriguez-Henriquez, F. (2015). Software Implementation of an Attribute-Based Encryption Scheme. [IEEE Transactions on Computers](#), 64(5), 1429-1441.
- 40 Pulido-Gaytan, M. A., Reynoso-Hernandez, J. A., Loo-Yau, J. R., Zarate-De Landa, A. & Maya-Sanchez, M. D. (2015). Generalized Theory of the Thru-Reflect-Match Calibration Technique. [IEEE Transactions on Microwave Theory and Techniques](#), 63(5), 1693-1699.
- 41 Lopez-Herrera, G., Maravillas-Montero, J. L., Vargas-Hernandez, A., Berron-Ruiz, L., Ramirez-Sanchez, E., Yamazaki-Nakashimada, M. A., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2015). A Novel Cd40lg Deletion Causes the Hyper-Igm Syndrome With Normal Cd40l Expression in a 6-Month-Old Child. [Immunologic Research](#), 62(1), 89-94.
- 42 Wang, W., Guerrero, T., Merecias, S. R., Garcia-Ortega, H., Santillan, R., Daran, J.-C., Farfan, N., Agustin, D. & Poli, R. (2015). Substituent effects on solvent-free epoxidation catalyzed by dioxomolybdenum(VI) complexes supported by ONO Schiff base ligands. [Inorganica Chimica Acta](#), 431, 176-183.
- 43 Aguilar, C. H., Pacheco, F. A. D., Orea, A. C. & Tsonchev, R. I. (2015). Thermal Effects of Laser Irradiation on Maize Seeds. [International Agrophysics](#), 29(2), 147-156.
- 44 Vargas-Rosales, C., Mass-Sanchez, J., Ruiz-Ibarra, E., Torres-Roman, D. & Espinoza-Ruiz, A. (2015). Performance Evaluation of Localization Algorithms for Wsns. [International Journal of Distributed Sensor Networks](#), 2015, 493930.
- 45 Lopez-Gonzalez, A., Balancan-Zapata, M., Diaz-Ballote, L. & Castro-Borges, P. (2015). Reinforced Concrete Durability in Response to Aggregate Proportioning. [International Journal of Electrochemical Science](#), 10(4), 2872-2891.
- 46 Mendivil-Reynoso, T., Ramirez-Rodriguez, L. P., Quevedo-Lopez, M. A., Ramirez-Bon, R. & Castillo, S. J. (2015). CdCl₂ Treatment on Chemically Deposited Cds Active Layers in Thin Film Transistors. [International Journal of Electrochemical Science](#), 10(4), 3291-3300.
- *47 Perez, P. A. L., Lopez, R. A. & Gonzalez, M. I. N. (2015). Cadmium Removal at High Concentration in Aqueous Medium: Mediated by *Desulfovibrio Alaskensis*. [International Journal of Environmental Science and Technology](#), 12(6), 1975-1986.
- 48 Beltran-Carbajal, F. & Silva-Navarro, G. (2015). On the Algebraic Parameter Identification of Vibrating Mechanical Systems. [International Journal of Mechanical Sciences](#), 92, 178-186.

- 49 Bueno-Tokunaga, A., Perez-Garibay, R. & Martinez-Carrillo, D. (2015). Zeta potential of air bubbles conditioned with typical froth flotation reagents. [International Journal of Mineral Processing](#), 140, 50-57.
- *50 Rodriguez-Angeles, A., Arteaga-Perez, M. A., Portillo-Velez, R. D. & Cruz-Villar, C. A. (2015). Transparent Bilateral Master-Slave Control Based on Virtual Surfaces: Stability Analysis and Experimental Results. [International Journal of Robotics & Automation](#), 30(2), 128-139.
- 51 Titov, O. Y., Velazquez-Perez, J. E. & Gurevich, Y. G. (2015). Mechanisms of the Thermal Electromotive Force, Heating and Cooling in Semiconductor Structures. [International Journal of Thermal Sciences](#), 92, 44-49.
- 52 Trujillo, J., Molina-Jijon, E., Medina-Campos, O. N., Rodriguez-Munoz, R., Reyes, J. L., Barrera, D. & Pedraza-Chaverri, J. (2015). Superoxide Anion Production and Expression of Gp91(Phox) and P47(Phox) Are Increased in Glomeruli and Proximal Tubules of Cisplatin-Treated Rats. [Journal of Biochemical and Molecular Toxicology](#), 29(4), 149-156.
- 53 Sanchez-Maldonado, C., Lopez-Sanchez, P., Anguiano-Robledo, L., Leopoldo, M., Lacivita, E. & Terron, J. A. (2015). Gr-127935-Sensitive Mechanism Mediating Hypotension in Anesthetized Rats: Are 5-Ht5b Receptors Involved? [Journal of Cardiovascular Pharmacology](#), 65(4), 335-341.
- 54 Mejia-Rodriguez, D., Venegas, R. I. D., Calaminici, P. & Koester, A. M. (2015). Robust and Efficient Auxiliary Density Perturbation Theory Calculations. [Journal of Chemical Theory and Computation](#), 11(4), 1493-1500.
- 55 Sanchez-Orta, A., Parra-Vega, V., Izaguirre-Espinosa, C. & Garcia, O. (2015). Position-Yaw Tracking of Quadrotors. [Journal of Dynamic Systems Measurement and Control-Transactions of the Asme](#), 137(6), 061011.
- 56 Luviano-Juarez, A., Cortes-Romero, J. & Sira-Ramirez, H. (2015). Trajectory Tracking Control of a Mobile Robot Through a Flatness-Based Exact Feedforward Linearization Scheme. [Journal of Dynamic Systems Measurement and Control-Transactions of the Asme](#), 137(5), 051001.
- 57 Diaz-Guillen, M. R., Frechero, M. A., Diaz-Guillen, J. A., Fuentes, A. F. & Leon, C. (2015). Nearly Constant Loss in Crystalline Oxide-Ion Conductor Gd₂Zr₂O₇. [Journal of Electroceramics](#), 34(1), 15-19.
- 58 Gurevich, Y. G. & Lashkevych, I. (2015). Energy and Concentration Nonequilibria in the Theory of Thermoelectric Processes. [Journal of Electronic Materials](#), 44(6), 1456-1459.
- 59 Sanchez-Madrigal, M. A., Quintero-Ramos, A., Martinez-Bustos, F., Melendez-Pizarro, C. O., Ruiz-Gutierrez, M. G., Camacho-Davila, A., Torres-Chavez, P. I. & Ramirez-Wong, B. (2015). Effect of Different Calcium Sources on the Bioactive Compounds Stability of Extruded and Nixtamalized Blue Maize Flours. [Journal of Food Science and Technology-Mysore](#), 52(5), 2701-2710.
- 60 Lugo, J. M., Rejon, V. & Oliva, A. I. (2015). Specific Heat Determination of Metallic Thin Films at Room Conditions. [Journal of Heat Transfer-Transactions of the Asme](#), 137(5), 051601.

61 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Z Gamma Production Cross Section in Pp Collisions at 8 Tev and Search for Anomalous Triple Gauge Boson Couplings. [Journal of High Energy Physics](#), (4), 164.

62 Caro-Corrales, L., Caro-Corrales, J., Valdez-Ortiz, A., Lopez-Valenzuela, J., Lopez-Moreno, H., Coronado-Velazquez, D., Hernandez-Ortiz, E. & Rendon-Maldonado, J. (2015). Histopathological Changes in Third-Instar and Adult *Anastrepha Ludens* (Diptera: Tephritidae) After in Vitro Heat Treatment. [Journal of Insect Science](#), 15, 18.

63 Garcia, A., Hackmann, E., Kunz, J., Lammerzahn, C. & Macias, A. (2015). Motion of Test Particles in a Regular Black Hole Space-Time. [Journal of Mathematical Physics](#), 56(3), 032501.

64 Canche-Tello, J., Vargas, M. C., Hernandez-Cobos, J., Ortega-Blake, I., Leclercq, A., Solari, P. L., Lezama-Pacheco, J., Den Auwer, C. & De Leon, J. M. (2015). X-Ray Accelerated Photo-Oxidation of as(lII) in Solution. [Journal of Physical Chemistry A](#), 119(12), 2829-2833.

65 Ramos-Castillo, C. M., Reveles, J. U., Zope, R. R. & De Coss, R. (2015). Palladium Clusters Supported on Graphene Monovacancies for Hydrogen Storage. [Journal of Physical Chemistry C](#), 119(15), 8402-8409.

66 Calderon-Gonzalez, K. G., Valero-Rustarazo, M. L., Labra-Barrios, M. L. et al. (2015). Determination of the protein expression profiles of breast cancer cell lines by quantitative proteomics using iTRAQ labelling and tandem mass spectrometry. [Journal of Proteomics](#), 124, 50-78.

67 Ruiz-Hernandez, A., Sanchez-Munoz, F., Rodriguez, J., Calderon-Zamora, L., Romero-Nava, R., Huang, F., Hong, E. & Villafana, S. (2015). Expression of Orphan Receptors Gpr22 and Gpr162 in Streptozotocin-Induced Diabetic Rats. [Journal of Receptors and Signal Transduction](#), 35(1), 46-53.

68 Lopez-Mena, E., Jimenez-Sandoval, S. & Jimenez-Sandoval, O. (2015). ZnO Thin Films Prepared at Low Annealing Temperatures, From a Novel, Simple Sol-Gel Precursor Solution. [Journal of Sol-Gel Science and Technology](#), 74(2), 419-424.

69 Gonzalez-Solis, J. L., Sanchez-Ruiz, R., Arana-Zamora, I. A., Martinez-Espinosa, J. C., Perez-Arrieta, M. L. & Falcony-Guajardo, C. (2015). Monitoring of Spectral Map Changes From Normal State to Superconducting State in High-T-C Superconductor Films Using Raman Imaging. [Journal of Spectroscopy](#), 2015, 276537.

70 De Montellano Agso & De Leon, J. M. (2015). Anomalous Isotope Effect of Polaronic Excitations. [Journal of Superconductivity and Novel Magnetism](#), 28(4), 1325-1329.

71 Lopez-Suarez, A., Torres-Torres, C., Can-Uc, B., Rangel-Rojo, R., Valencia, C. E. & Oliver, A. (2015). Third-Order Nonlinear Optical Properties Exhibited by a Bilayer Configuration of Silver Nanoparticles Integrated to Silicon Nanocrystals Embedded in Ion-Implanted Silica. [Journal of the Optical Society of America B-Optical Physics](#), 32(5), 805-811.

72 Castillo-Toledo, B., Di Gennaro, S. & Lopez-Cuevas, A. (2015). Tracking Through Singularities Using Sliding Mode Differentiators. [Kybernetika](#), 51(1), 20-35.

- 73 Perez, C. & Mera, M. (2015). Robust Observer-Based Control of Switched Nonlinear Systems With Quantized and Sampled Output. [Kybernetika](#), 51(1), 59-80.
- 74 Rojas, J. A. & Oliva, A. I. (2015). A Double Energy Transition of Nanocrystalline Cd_xZn_{1-x}S Films Deposited by Chemical Bath. [Materials and Manufacturing Processes](#), 30(6), 785-792.
- 75 Garcia-Romo, G. S., Gonzalez-Ibarra, M., Donis-Hernandez, F. R., Zendejas-Buitron, V. M. & Pedroza-Gonzalez, A. (2015). Immunization With Heat-Inactivated Staphylococcus Aureus Induced an Antibody Response Mediated by Igg1 and Igg2 in Patients With Recurrent Tonsillitis. [Microbiology and Immunology](#), 59(4), 193-201.
- 76 Perez-Ruiz, R. V., Garcia-Ponce, B., Marsch-Martinez, N. et al. (2015). Xaantal2 (Agl14) Is an Important Component of the Complex Gene Regulatory Network That Underlies Arabidopsis Shoot Apical Meristem Transitions. [Molecular Plant](#), 8(5), 796-813.
- 77 Jimenez-Garcia, C., Arcos-Ramos, R., Mendez-Stivalet, J. M., Santillan, R. & Farfan, N. (2015). Synthesis and Characterization of Dissymmetric Molecular Rotors Based on 1,4-Diethynylphenylene Rotators and Steroidal/Triptyl Type Stators. [Monatshefte Fur Chemie](#), 146(6), 1005-1013.
- 78 Hernandez-Saintmartin, A. D., Rosas-Rosas, O. C., Palacio-Nunez, J., Clemente-Sanchez, F. & Hoogesteijn, A. L. (2015). Food Habits of Jaguar and Puma in a Protected Area and Adjacent Fragmented Landscape of Northeastern Mexico. [Natural Areas Journal](#), 35(2), 308-317.
- 79 Flores-Mendez, M., Escalante-Lopez, M., Martinez-Lozada, Z., Hernandez-Kelly, L. C., Najimi, M., Sokal, E. & Ortega, A. (2015). Glutamate-Dependent Translational Control Through Ribosomal Protein S6 Phosphorylation in Cultured Bergmann Glial Cells. [Neurochemical Research](#), 40(5), 915-923.
- 80 Chi-Castaneda, D., Waliszewski, S. M., Zepeda, R. C., Hernandez-Kelly, L. C. R., Caba, M. & Ortega, A. (2015). Glutamate- Dependent Bmal1 Regulation in Cultured Bergmann Glia Cells. [Neurochemical Research](#), 40(5), 961-970.
- 81 Guillermo, J. E., Ricalde-Castellanos, L. J., Sanchez, E. N. & Alanis, A. Y. (2015). Detection of heart murmurs based on radial wavelet neural network with Kalman learning. [Neurocomputing](#), 164, 307-317.
- 82 Lopez-Cuevas, A., Castillo-Toledo, B., Medina-Ceja, L. & Ventura-Mejia, C. (2015). State and Parameter Estimation of a Neural Mass Model From Electrophysiological Signals During the Status Epilepticus. [Neuroimage](#), 113, 374-386.
- 83 Bonilla, M., Malabre, M. & Azhmyakov, V. (2015). An implicit systems characterization of a class of impulsive linear switched control processes. Part 2: Control. [Nonlinear Analysis-Hybrid Systems](#), 18, 15-32.

- 84 Vargas-Robles, H., Rios, A., Arellano-Mendoza, M., Escalante, B. A. & Schnoor, M. (2015). Antioxidative Diet Supplementation Reverses High-Fat Diet-Induced Increases of Cardiovascular Risk Factors in Mice. [Oxidative Medicine and Cellular Longevity](#), 2015, 467471.
- 85 Soto-Rodriguez, G., Gonzalez-Barrios, J. A., Martinez-Fong, D. et al. (2015). Analysis of Chemokines and Receptors Expression Profile in the Myelin Mutant Taiep Rat. [Oxidative Medicine and Cellular Longevity](#), 2015, 397310.
- 86 Borbolla-Vazquez, J., Orozco, E., Betanzos, A. & Rodriguez, M. A. (2015). Entamoeba Histolytica: Protein Arginine Transferase 1a Methylates Arginine Residues and Potentially Modify the H4 Histone. [Parasites & Vectors](#), 8, 219.
- 87 Ascencio-Cedillo, R., Lopez-Pulido, E. I., Munoz-Valle, J. F. et al. (2015). Prolactin and Prolactin Receptor Expression in Cervical Intraepithelial Neoplasia and Cancer. [Pathology & Oncology Research](#), 21(2), 241-246.
- 88 Rojas-Ortega, M., Cruz, R., Vega-Lopez, M. A., Cabrera-Gonzalez, M., Hernandez-Hernandez, J. M., Lavalle-Montalvo, C. & Kouri, J. B. (2015). Exercise modulates the expression of IL-1Beta and IL-10 in the articular cartilage of normal and osteoarthritis-induced rats. [Pathology-Research and Practice](#), 211(6), 435-443.
- 89 Olguin, D., Vallejo, E. & Rubio-Ponce, A. (2015). Ab Initio Study of the Low-Pressure Phases of Ti3O5. [Physica Status Solidi B-Basic Solid State Physics](#), 252(4), 659-662.
- 90 Elsayed, H., Olguin, D., Cantarero, A. & Hernandez-Calderon, I. (2015). Ab Initio Structural and Electronic Band-Structure Study of Mgse. [Physica Status Solidi B-Basic Solid State Physics](#), 252(4), 663-669.
- 91 Garcia-Castro, A. C., Romero, A. H. & Bousquet, E. (2015). Noncollinear Magnetism in Post-Perovskites From First Principles: Comparison Between Carho3 and Nanif3. [Physica Status Solidi B-Basic Solid State Physics](#), 252(4), 689-694.
- 92 Rubio-Ponce, A., Rivera, J. & Olguin, D. (2015). Effects of Spin-Orbit Coupling on Actinium Under Pressure. [Physica Status Solidi B-Basic Solid State Physics](#), 252(4), 695-700.
- 93 Abelev, B., Adam, J., Adamova, D. et al. (2015). K*(892)(0) and Phi(1020) Production in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review C](#), 91(2), 024609.
- 94 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the Forward-Backward Asymmetry in Lambda(0)(B) and (Lambda)Over-Bar(B)(0) Baryon Production in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physical Review D](#), 91(7), 072008.
- 95 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the Phi(Eta)* Distribution of Muon Pairs With Masses Between 30 and 500 Gev in 10.4 Fb(-1) of P(P)Over-Bar Collisions. [Physical Review D](#), 91(7), 072002.

- 96 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Long-Lived Particles That Decay Into Final States Containing Two Electrons or Two Muons in Proton-Proton Collisions at Root $S=8\text{TeV}$. [Physical Review D](#), 91(5), 052012.
- 97 Aaltonen, T., Abazov, V. M., Abbott, B. et al. (2015). Tevatron Constraints on Models of the Higgs Boson With Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs. [Physical Review Letters](#), 114(15), 151802.
- 98 Jimenez-Garcia, K., Leblanc, L. J., Williams, R. A., Beeler, M. C., Qu, C., Gong, M., Zhang, C. & Spielman, I. B. (2015). Tunable Spin-Orbit Coupling Via Strong Driving in Ultracold-Atom Systems. [Physical Review Letters](#), 114(12), 125301.
- 99 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Monotop Signatures in Proton-Proton Collisions at Root $S=8\text{TeV}$. [Physical Review Letters](#), 114(10), 101801.
- 100 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Searches for Supersymmetry Based on Events With B Jets and Four W Bosons in Pp Collisions at 8 TeV. [Physics Letters B](#), 745, 5-28.
- 101 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for a Standard Model-Like Higgs Boson in the $\text{Mu}(+)\text{Mu}(-)$ and $\text{E}(+)\text{E}(-)$ Decay Channels at the Lhc. [Physics Letters B](#), 744, 184-207.
- 102 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the W Plus B-Jet and W Plus C-Jet Differential Production Cross Sections in P (P)Over-Bar Collisions at Root $S=1.96\text{TeV}$. [Physics Letters B](#), 743, 6-14.
- 103 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Production Cross Section Ratio $\text{Sigma}(\text{Chi B2}(1p))/\text{Sigma}(\text{Chi B1}(1p))$ in Pp Collisions at Root $S=8\text{TeV}$. [Physics Letters B](#), 743, 383-402.
- 104 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Stealth Supersymmetry in Events With Jets, Either Photons or Leptons, and Low Missing Transverse Momentum in Pp Collisions at 8 TeV. [Physics Letters B](#), 743, 503-525.
- 105 Basnet, B. R., Singh, S., Lopez-Vera, E. E., Huerta-Espino, J., Bhavani, S., Jin, Y., Rouse, M. N. & Singh, R. P. (2015). Molecular Mapping and Validation of Srnd643: a New Wheat Gene for Resistance to the Stem Rust Pathogen Ug99 Race Group. [Phytopathology](#), 105(4), 470-476.
- 106 Munguia-Rosas, M. A., Arias, L. M., Jurado-Dzib, S. G., Mezeta-Cob, C. R. & Parra-Tabla, V. (2015). Effects of Herbivores and Pollinators on Fruit Yield and Survival in a Cleistogamous Herb. [Plant Ecology](#), 216(4), 517-525.
- 107 Reynoso-Camacho, R., Guerrero-Villanueva, G., Figueroa, J. D., Gallegos-Corona, M. A., Mendoza, S., Loarca-Pina, G. & Ramos-Gomez, M. (2015). Anticarcinogenic Effect of Corn Tortilla Against 1,2-Dimethylhydrazine (Dmh)-Induced Colon Carcinogenesis in Sprague-Dawley Rats. [Plant Foods for Human Nutrition](#), 70(2), 146-152.

- 108 Patzi-Vargas, S., Zaidi, M. B., Perez-Martinez, I., Leon-Cen, M., Michel-Ayala, A., Chaussabel, D. & Estrada-Garcia, T. (2015). Diarrheagenic Escherichia Coli Carrying Supplementary Virulence Genes Are an Important Cause of Moderate to Severe Diarrhoeal Disease in Mexico. [Plos Neglected Tropical Diseases](#), 9(3), e0003510.
- 109 Silva-Sanchez, A., Meza-Perez, S., Flores-Langarica, A. et al. (2015). Esat-6 Targeting to Dec205+Antigen Presenting Cells Induces Specific-T Cell Responses Against Esat-6 and Reduces Pulmonary Infection With Virulent Mycobacterium Tuberculosis. [Plos One](#), 10(4), e0124828.
- 110 Jue, N. K., Brule, T., Coleman, F. C. & Koenig, C. C. (2015). From Shelf to Shelf: Assessing Historical and Contemporary Genetic Differentiation and Connectivity Across the Gulf of Mexico in Gag, Mycteroperca Microlepis. [Plos One](#), 10(4), e0120676.
- 111 Castillo-Badillo, J. A., Sanchez-Reyes, O. B., Alfonso-Mendez, M. A., Romero-Avila, T., Reyes-Cruz, G. & Garcia-Sainz, J. A. (2015). Alpha(1b)-Adrenergic Receptors Differentially Associate With Rab Proteins During Homologous and Heterologous Desensitization. [Plos One](#), 10(3), e0121165.
- 112 Garcia-Montes de Oca, F. G., Lopez-Gonzalez, M. L., Escobar-Wilches, D. C., Chavira-Ramirez, R. & Sierra-Santoyo, A. (2015). Vinclozolin modulates hepatic cytochrome P450 isoforms during pregnancy. [Reproductive Toxicology](#), 53, 119-126.
- 113 Cejudo-Ruiz, R., Bautista, F., Quintana, P., Delgado-Carranza, M. D., Aguilar, D., Goguitchaichvili, A. & Morales-Contreras, J. J. (2015). Correlation Between Potentially Toxic Elements and Magnetic Properties in Mexico City Soils for the Identification of Contaminated Sites: Definition of Threshold Values. [Revista Mexicana De Ciencias Geologicas](#), 32(1), 50-61.
- 114 Gonzalez, M. A. A., Cadena, A. A. Z., Aguilar, C. N., Muzquiz, E. M. & Equihua, F. (2015). Potato Starch: Binder and Pore Former in Nanoframes of Nanolayered Oxides for Pb²⁺ and Ni²⁺ as Pollutants in Water and Industrial Sludge Applications. [Rsc Advances](#), 5(38), 29748-29756.
- 115 Gonzalez-De la Cruz, G. (2015). Role of metallic substrate on the plasmon modes in double-layer graphene structures. [Solid State Communications](#), 213-214, 6-9.
- 116 Corona-Diaz, A., Garcia-Merinos, J. P., Lopez, Y., Gonzalez-Campos, J. B., Del Rio, R. E., Santillan, R., Farfan, N. & Morzycki, J. W. (2015). Regio- and stereoselective cleavage of steroidal 22-oxo-23-spiroketal catalyzed by BF₃-Et₂O. [Steroids](#), 100, 36-43.
- 117 Escamirosa, F. P., Flores, R. O. & Martinez, A. M. (2015). Construction and Validation of a Low-Cost Surgical Trainer Based on Iphone Technology for Training Laparoscopic Skills. [Surgical Laparoscopy Endoscopy & Percutaneous Techniques](#), 25(2), E78-E82.
- 118 Juarez-De la Rosa, B. A., May-Crespo, J., Quintana-Owen, P., Gonzalez-Gomez, W. S., Yanez-Limon, J. M. & Alvarado-Gil, J. J. (2015). Thermal analysis and structural characterization of chitinous exoskeleton from two marine invertebrates. [Thermochemica Acta](#), 610, 16-22.

119 Reyes-Figueroa, P., Painchaud, T., Lepetit, T., Harel, S., Arzel, L., Yi, J. S., Barreau, N. & Velumani, S. (2015). Structural Properties of In₂Se₃ Precursor Layers Deposited by Spray Pyrolysis and Physical Vapor Deposition for CuInSe₂ Thin-Film Solar Cell Applications. [Thin Solid Films](#), 587, 112-116.

120 Lugo, J. M., Ayora, C., Rejon, V. & Oliva, A. I. (2015). Specific Heat of Cu Nano-Films by Using Electrical Micro-Pulses at Room Conditions. [Thin Solid Films](#), 585, 24-30.

121 Martin, E., Gonzalez-Horta, C., Rager, J. et al. (2015). Metabolomic Characteristics of Arsenic-Associated Diabetes in a Prospective Cohort in Chihuahua, Mexico. [Toxicological Sciences](#), 144(2), 338-346.

122 Rodriguez-Yanez, Y., Bahena-Uribe, D., Chavez-Munguia, B., Lopez-Marure, R., Gonzalez-Monroy, S., Cisneros, B. & Albores, A. (2015). Commercial single-walled carbon nanotubes effects in fibrinolysis of human umbilical vein endothelial cells. [Toxicology in Vitro](#), 29(5), 1201-1214.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

123 Valderrama, D., Cai, J. N., Hishamunda, N. et al. (2015). The Economics of Kappaphycus Seaweed Cultivation in Developing Countries: a Comparative Analysis of Farming Systems. [Aquaculture Economics & Management](#), 19(2), 251-277.

124 Treesatayapun, C. (2015). A data-driven adaptive controller for a class of unknown nonlinear discrete-time systems with estimated PPD. [Engineering Science and Technology- An International Journal](#), 18(2), 218-228.

125 Flores-Rodriguez, P., Ontiveros-Torres, M. A., Cardenas-Aguayo, M. C. et al. (2015). The Relationship Between Truncation and Phosphorylation at the C-Terminus of Tau Protein in the Paired Helical Filaments of Alzheimer's Disease. [Frontiers in Neuroscience](#), 9, 33.

*126 Galvan-Tejada, G. M. & Duarte-Reynoso, E. Q. (2015). Some Guidelines to Simulate Wireless Sensor Networks in a Propagation Environment With Non-Uniform Vegetation. [International Journal of Sensor Networks](#), 17(1), 40-51.

127 Garcia, A. & Vasilevski, N. (2015). Toeplitz Operators on the Weighted Bergman Space Over the Two-Dimensional Unit Ball. [Journal of Function Spaces](#), 2015, 306168.

128 Bermudez, D., Contreras-Astorga, A. & Fernandez, D. J. (2015). Painleve Iv Hamiltonian systems and coherent states. [Journal of Physics: Conference Series](#), 597, 012017.

129 Rubio-Ponce, A. & Olguin, D. (2015). Ab Initio Electronic Band Structure Study of the Valence Bands of Li-Vi C(2 X 2) Reconstructed Surfaces. [Journal of Physics: Conference Series](#), 574, 012118.

130 Hernandez-Contreras, M. (2015). Counterion Release From a Discretely Charged Surface in an Electrolyte: Monte Carlo Simulation Study. [Journal of Physics: Conference Series](#), 582, 012005.

131 Lopez-Riquelme, G. O., Lopez-Sandoval, E., Vera-Aguilar, E. & Godina-Nava, J. J. (2015). Modulation of Radical Pairs Dynamics Immersed in an Elf-Emf: the Effect on Hepatocarcinogenesis. [Journal of Physics: Conference Series](#), 582, 012048.

132 Navarrete-Cazales, Z. (2015). ¿Otra vez la identidad?: un concepto necesario pero imposible. [Revista Mexicana de Investigacion Educativa](#), 20(65), 461-479.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

133 Ramirez-Trevino, A., Silva, M. & Lafortune, S. (2015). Special Issue on Recent Advances in Control of Discrete Event Systems. [Discrete Event Dynamic Systems-Theory and Applications](#), 25(1-2), 3-5.

134 Carrasco-Ruiz, A. & Tiburcio, J. (2015). Electrostatic Kinetic Barriers in the Threading/Dethreading Motion of a Rotaxane-Like Complex. [Organic Letters](#), 17(8), 1858-1861.

135 Cantarero, A. & Hernandez-Calderon, I. (2015). High Pressure in Semiconductor Physics Preface. [Physica Status Solidi B-Basic Solid State Physics](#), 252(4), 651-652.

136 Manko, V. S. & Sanabria-Gomez, J. D. (2015). Comment on "Generalized Black Diholes". [Physical Review D](#), 91(8), 088501.

137 Cantoral, R., Montiel, G. & Reyes-Gasperini, D. (2015). Socioepistemological Program of Mathematics Education Research: the Latin America's Case. [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 18(1), 5-17.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

138 Chin-Chan, M., Navarro-Yepes, J. & Quintanilla-Vega, B. (2015). Environmental Pollutants as Risk Factors for Neurodegenerative Disorders: Alzheimer and Parkinson Diseases. [Frontiers in Cellular Neuroscience](#), 9, 124.

139 Schnoor, M. (2015). Endothelial Actin-Binding Proteins and Actin Dynamics in Leukocyte Transendothelial Migration. [Journal of Immunology](#), 194(8), 3535-3541.

140 Salahub, D. R., Noskov, S. Y., Lev, B. et al. (2015). Qm/Mm Calculations With Demon2k. [Molecules](#), 20(3), 4780-4812.

141 Rubio-Casillas, A., Rodriguez-Quintero, C. M., Rodriguez-Manzo, G. & Fernandez-Guasti, A. (2015). Unraveling the modulatory actions of serotonin on male rat sexual responses. [Neuroscience & Biobehavioral Reviews](#), 55, 234-246.

ARTÍCULOS DEL MES DE JUNIO DE 2015

ARTÍCULOS A - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Rodríguez-Andrade, M. A., Aragon-Gonzalez, G., Aragon, J. L., Gomez-Rodriguez, A. & Romeu, D. (2015). The Coincidence Site Lattices in 2d Hexagonal Lattices Using Clifford Algebra. [Advances in Applied Clifford Algebras](#), 25(2), 425-440.
- 2 Mendoza, M. O., De Fuentes, O. A., Prokhorov, E., Barcenas, G. L. & Ortega, E. P. (2015). Correlation Between Electrical Properties and Potentiometric Response of Cs-Clay Nanocomposite Membranes. [Advances in Materials Science and Engineering](#), 2015, 710425.
- 3 Bautista-Perez, R., Del Valle-Mondragon, L., Cano-Martinez, A., Perez-Mendez, O., Escalante, B. & Franco, M. (2015). Involvement of Neutral Sphingomyelinase in the Angiotensin II Signaling Pathway. [American Journal of Physiology-Renal Physiology](#), 308(10), F1178-F1187.
- 4 Hernandez-Montanez, Z., Lopez-Ramirez, M. P., Delgado-Balbuena, L., Dendooven, L. & Bello-Lopez, J. M. (2015). Mesophilic Strains of *Aeromonas* Spp. Can Acquire the Multidrug Resistance Plasmid *Pras1* in Horizontal Transfer Experiments at Low Temperatures. [Annals of Microbiology](#), 65(2), 827-831.
- 5 Navarro-Noya, Y. E., Valenzuela-Encinas, C., Sandoval-Yuriar, A., Jimenez-Bueno, N. G., Marsch, R. & Dendooven, L. (2015). Archaeal Communities in a Heterogeneous Hypersaline-Alkaline Soil. [Archaea-an International Microbiological Journal](#), 2015, 646820.
- 6 Aguilar-Madrid, G., Castelan-Vega, J. A., Juarez-Perez, C. A. et al. (2015). Seroprevalence of Pandemic a(H1N1) Pmd09 Virus Antibodies in Mexican Health Care Workers Before and After Vaccination. [Archives of Medical Research](#), 46(2), 154-163.
- 7 Brown, J. K., Zerbini, F. M., Navas-Castillo, J. et al. (2015). Revision of Begomovirus Taxonomy Based on Pairwise Sequence Comparisons. [Archives of Virology](#), 160(6), 1593-1619.
- 8 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Searches for Anisotropies in the Arrival Directions of the Highest Energy Cosmic Rays Detected by the Pierre Auger Observatory. [Astrophysical Journal](#), 804(1), 15.
- 9 Rojas-Nino, A., Martinez-Medina, L. A., Pichardo, B. & Valenzuela, O. (2015). Detecting Triaxiality in the Galactic Dark Matter Halo Through Stellar Kinematics. ii. Dependence on Nature Dark Matter and Gravity. [Astrophysical Journal](#), 805(1), 29.
- 10 Aceves-Cano, A., Gaytan-Ochoa, R., Ramos-Martinez, E., De La Vega, G. E., Gonzalez-Horta, C., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2015). Morphological Findings in Trophozoites During Amoebic Abscess Development in Misoprostol-Treated Balb/C Mice. [Biomed Research International](#), 2015, 898467.

- 11 Lopez-Saucedo, C., Bernal-Reynaga, R., Zayas-Jahuey, J., Galindo-Gomez, S., Shibayama, M., Garcia-Galvez, C., Estrada-Parra, S. & Estrada-Garcia, T. (2015). Cd40 Ligand Deficient C57bl/6 Mouse Is a Potential Surrogate Model of Human X-Linked Hyper IgM (X-Higm) Syndrome for Characterizing Immune Responses Against Pathogens. [Biomed Research International](#), 2015, 679850.
- 12 Martinez-Castillo, M., Ramirez-Rico, G., Serrano-Luna, J. & Shibayama, M. (2015). Iron-Binding Protein Degradation by Cysteine Proteases of Naegleria Fowleri. [Biomed Research International](#), 2015, 416712.
- 13 Ortiz-Estrada, G., Calderon-Salinas, V., Shibayama-Salas, M., Leon-Sicairos, N. & De La Garza, M. (2015). Binding and Endocytosis of Bovine Hololactoferrin by the Parasite Entamoeba Histolytica. [Biomed Research International](#), 2015, 375836.
- 14 Vilchis-Ordóñez, A., Contreras-Quiroz, A., Vadillo, E. et al. (2015). Bone Marrow Cells in Acute Lymphoblastic Leukemia Create a Proinflammatory Microenvironment Influencing Normal Hematopoietic Differentiation Fates. [Biomed Research International](#), 2015, 386165.
- 15 Sanchez, A., Gil, J. C., Rojas-Rejon, O. A., De Alba, A. P., Medina, A., Flores, R. & Puente, R. (2015). Sequential Pretreatment Strategies Under Mild Conditions for Efficient Enzymatic Hydrolysis of Wheat Straw. [Bioprocess and Biosystems Engineering](#), 38(6), 1127-1141.
- 16 Cobreros, C., Reyes-Araiza, J. L., Manzano-Ramirez, A., Nava, R., Rodriguez, M., Mondragon-Figueroa, M., Apatiga, L. M. & Rivera-Munoz, E. M. (2015). Barley Straw Ash: Pozzolan Activity and Comparison With Other Natural and Artificial Pozzolans From Mexico. [Bioresources](#), 10(2), 3757-3774.
- *17 Llamas, A. & Martinez-Bernal, J. (2015). Cover Product and Betti Polynomial of Graphs. [Canadian Mathematical Bulletin-Bulletin Canadien De Mathematiques](#), 58(2), 320-333.
- 18 Delgado, C., Ruiz-Hurtado, G. & Gomez-Hurtado, N... et al. (2015). NOD1, a new player in cardiac function and calcium handling. [Cardiovascular Research](#), 106, 375-386.
- 19 Carrillo, E. D., Sampieri, R., Hernandez, A., Garcia, M. C. & Sanchez, J. A. (2015). Mir-132 Regulates Rem Expression in Cardiomyocytes During Long-Term Beta-Adrenoceptor Agonism. [Cellular Physiology and Biochemistry](#), 36(1), 141-154.
- 20 Garcia-Aguilar, M. & Gillmor, C. S. (2015). Zygotic genome activation and imprinting: parent-of-origin gene regulation in plant embryogenesis. [Current Opinion in Plant Biology](#), 27, 29-35.
- 21 Mariscal, L. B., Carmona-Tellez, S., Alarcon-Flores, G., Meza-Rocha, A. N., Murrieta, H. S. & Falcony, C. (2015). Synthesis of Al₂O₃: Eu³⁺ Powder and Pet Films With This Powder Incorporated: a Luminescence Study. [Ecs Journal of Solid State Science and Technology](#), 4(7), R97-R104.
- 22 Lopez, G., Quezada, H., Duhne, M. et al. (2015). Diversification of Paralogous Alpha-Isopropylmalate Synthases by Modulation of Feedback Control and Hetero-Oligomerization in Saccharomyces Cerevisiae. [Eukaryotic Cell](#), 14(6), 564-577.

- 23 Andreev, V., Baghdasaryan, A., Begzsuren, K. et al. (2015). Measurement of Multijet Production in Ep Collisions at High Q^2 and Determination of the Strong Coupling α_s . [European Physical Journal C](#), 75(2), 65.
- 24 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of Electroweak Production of Two Jets in Association With a Z Boson in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [European Physical Journal C](#), 75(2), 66.
- 25 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for dark matter, extra dimensions and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=8$ TeV. [European Physical Journal C](#), 75(5), 235.
- 26 Ramos-Solano, M., Meza-Canales, I. D., Torres-Reyes, L. A. et al. (2015). Expression of WNT genes in cervical cancer-derived cells: Implication of WNT7A in cell proliferation and migration. [Experimental Cell Research](#), 335(1), 39-50.
- 27 Popoca-Cuaya, M., Diaz-Chavez, J., Hernandez-Monge, J., Alvarez-Rios, E., Lambert, P. F. & Gariglio, P. (2015). The Hpv16 E6 Oncoprotein and Uvb Irradiation Inhibit the Tumor Suppressor Tgf Pathway in the Epidermis of the K14e6 Transgenic Mouse. [Experimental Dermatology](#), 24(6), 430-435.
- 28 Alonso-Morales, A., Gonzalez-Lopez, L., Cazares-Raga, F. E., Cortes-Martinez, L., Torres-Monzon, J. A., Gallegos-Perez, J. L., Rodriguez, M. H., James, A. A. & Hernandez-Hernandez, F. C. (2015). Protein phosphorylation during Plasmodium berghei gametogenesis. [Experimental Parasitology](#), 156, 49-60.
- 29 Colin-Orozco, J., Zapata-Torres, M., Rodriguez-Gattorno, G. & Pedroza-Islas, R. (2015). Properties of Poly (Ethylene Oxide)/Whey Protein Isolate Nanofibers Prepared by Electrospinning. [Food Biophysics](#), 10(2), 134-144.
- 30 Vega-Lizama, T., Diaz-Ballote, L., Hernandez-Mezquita, E., May-Crespo, F., Castro-Borges, P., Castillo-Atoche, A., Gonzalez-Garcia, G. & Maldonado, L. (2015). Thermogravimetric Analysis as a Rapid and Simple Method to Determine the Degradation Degree of Soy Biodiesel. [Fuel](#), 156, 158-162.
- 31 Avina-Padilla, K., De La Vega, O. M., Rivera-Bustamante, R., Martinez-Soriano, J. P., Owens, R. A., Hammond, R. W. & Vielle-Calzada, J. P. (2015). In Silico Prediction and Validation of Potential Gene Targets for Pospiviroid-Derived Small Rnas During Tomato Infection. [Gene](#), 564(2), 197-205.
- 32 Chinas, P., Lopez, I., Vazquez, J. A., Osorio, R. & Lefranc, G. (2015). Svm and Ann Application to Multivariate Pattern Recognition Using Scatter Data. [Ieee Latin America Transactions](#), 13(5), 1633-1639.
- 33 Herrera, J. F. & Moreno, P. (2015). Calculation of Reflection Losses in a Small Anechoic Chamber. [Ieee Latin America Transactions](#), 13(5), 1258-1264.

- 34 Cabrera-Gonzalez, J., Xochitiotzi-Flores, E., Vinas, C., Teixidor, F., Garcia-Ortega, H., Farfan, N., Santillan, R., Parella, T. & Nunez, R. (2015). High-Boron-Content Porphyrin-Cored Aryl Ether Dendrimers: Controlled Synthesis, Characterization, and Photophysical Properties. [Inorganic Chemistry](#), 54(10), 5021-5031.
- 35 Rivillas-Acevedo, L., Sanchez-Lopez, C., Amero, C. & Quintanar, L. (2015). Structural Basis for the Inhibition of Truncated Islet Amyloid Polypeptide Aggregation by Cu(II): Insights Into the Bioinorganic Chemistry of Type II Diabetes. [Inorganic Chemistry](#), 54(8), 3788-3796.
- 36 Perez-Luna, A. I., Gutierrez-Espinosa, M. A., Zavaleta-Mancera, H. A., Robledo-Paz, A. & Mora-Aguilera, G. (2015). Histological Response to Inducers of Morphogenetic Processes in Citrus Latifolia Tan. [Interciencia](#), 40(5), 343-349.
- 37 Arauz, J., Rivera-Espinoza, Y., Shibayama, M., Favari, L., Flores-Beltran, R. E. & Muriel, P. (2015). Nicotinic acid prevents experimental liver fibrosis by attenuating the prooxidant process. [International Immunopharmacology](#), 28(1), 244-251.
- 38 Alvarado-Beltran, C. G., Almaral-Sanchez, J. L., Quevedo-Lopez, M. A. & Ramirez-Bon, R. (2015). Dielectric Gate Applications of Pmma-Tio2 Hybrid Films in ZnO-Based Thin Film Transistors. [International Journal of Electrochemical Science](#), 10(5), 4068-4082.
- 39 Linares-Garcia, J. A., Ramos-Ramirez, E. G. & Salazar-Montoya, J. A. (2015). Viscoelastic Properties and Textural Characterisation of High Methoxyl Pectin of Hawthorn (*Crataegus Pubescens*) in a Gelling System. [International Journal of Food Science and Technology](#), 50(6), 1484-1493.
- 40 Vales-Pinzon, C., Medina-Esquivel, R. A., Ordonez-Miranda, J. & Alvarado-Gil, J. J. (2015). Thermal transfer in mixtures of ethylene glycol with carbon coated iron nanoparticles under the influence of a uniform magnetic field. [Journal of Alloys and Compounds](#), 643, S71-S74.
- 41 Madera-Santana, T. J., Freile-Pelegrin, Y., Encinas, J. C., Rios-Soberanis, C. R. & Quintana-Owen, P. (2015). Biocomposites Based on Poly(Lactic Acid) and Seaweed Wastes From Agar Extraction: Evaluation of Physicochemical Properties. [Journal of Applied Polymer Science](#), 132(31), 42320.
- 42 Millhauser, J. K., Fargher, L. F., Espinoza, V. Y. H. & Blanton, R. E. (2015). The Geopolitics of Obsidian Supply in Postclassic Tlaxcallan: a Portable X-Ray Fluorescence Study. [Journal of Archaeological Science](#), 58, 133-146.
- 43 Ibarra-Lara, L., Sanchez-Aguilar, M., Hong, E. et al. (2015). Ppar Alpha Stimulation Modulates Myocardial Ischemia-Induced Activation of Renin-Angiotensin System. [Journal of Cardiovascular Pharmacology](#), 65(5), 430-437.
- 44 Parra, S. M., Valle-Levinson, A., Marino-Tapia, I. & Enriquez, C. (2015). Salt Intrusion at a Submarine Spring in a Fringing Reef Lagoon. [Journal of Geophysical Research-Oceans](#), 120(4), 2736-2750.

- 45 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Forward-Backward Multiplicity Correlations in Pp Collisions at Root S=0.9, 2.76 And 7 Tev. [Journal of High Energy Physics](#), (5), 97.
- 46 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Searches for Supersymmetry Using the M-T2 Variable in Hadronic Events Produced in Pp Collisions at 8 Tev. [Journal of High Energy Physics](#), (5), 78.
- 47 Diaz-Guillen, J. C., Vargas-Gutierrez, G., Granda-Gutierrez, E. E., Aguilar-Martinez, J. A., Gonzalez-Albarran, M. A. & Alvarez-Contreras, L. (2015). Influences of Processing Time and Discharge Current Density During Pulsed Plasma-Oxidizing Process of Aisi 316l. [Journal of Materials Engineering and Performance](#), 24(6), 2368-2372.
- 48 Salinas, J. J. & Salinas, A. (2015). Grain Size and Texture Evolution During Annealing of Non-Oriented Electrical Steel Deformed in Tension. [Journal of Materials Engineering and Performance](#), 24(5), 2117-2125.
- 49 Rodriguez-Aranda, M. C., Calderon-Pinar, F., Mayen-Mondragon, R. & Yanez-Limon, J. M. (2015). Synthesis and Optical Characterization of Pb(Zr_{0.53}Ti_{0.47})O₃ Thin Films on Indium Tin Oxide/Quartz Substrates by a Simplified Sol-Gel Route. [Journal of Materials Science-Materials in Electronics](#), 26(6), 3486-3492.
- 50 Reyes-Lopez, S. Y., Cornejo-Monroy, D. & Gonzalez-Garcia, G. (2015). A Novel Route for the Preparation of Gold Nanoparticles in Polycaprolactone Nanofibers. [Journal of Nanomaterials](#), 2015, 485121.
- 51 Hernandez-Garcia, F. A., Torres-Delgado, G., Castanedo-Perez, R. & Zelaya-Angel, O. (2015). Photodegradation of gaseous C₆H₆ using CdO+CdTiO₃ and TiO₂ thin films obtained by sol-gel technique. [Journal of Photochemistry and Photobiology A-Chemistry](#), 310, 52-59.
- 52 Rojas, A., Valdes-Ordenez, A., Martinez-Herrera, M., Torres, L. A., Campos, M., Hernandez-Obregon, J., Herrera, R. & Tamariz, J. (2015). Thermochemical Study of 1-Acetyl Vinyl P-Nitrobenzoate: Vinyl Bond Enthalpy in Captodative Olefins. [Journal of Physical Chemistry A](#), 119(20), 4953-4960.
- 53 Vega-Flick, A., Mustre-De Leon, J. & Saini, N. L. (2015). Effect of local atomic phase separation in the x-ray absorption near edge structure spectroscopy of Fe₅₆Te_{1-x}. [Journal of Physics and Chemistry of Solids](#), 84, 80-84.
- 54 Hernandez-Rodriguez, E., Loeza-Poot, M., Riech, I., Rejon, V. & Pena, J. L. (2015). A Comparative Study of Cds:F and Cds:O Thin Films Deposited by Reactive Rf-Sputtering Technique for Window Layer Application in Solar Cells. [Journal of Physics D-Applied Physics](#), 48(25), 255102.
- 55 Contreras-Hernandez, E., Chavez, D. & Rudomin, P. (2015). Dynamic Synchronization of Ongoing Neuronal Activity Across Spinal Segments Regulates Sensory Information Flow. [Journal of Physiology-London](#), 593(10), 2343-2363.

56 Gonzalez-Calixto, C., Cazares-Raga, F. E., Cortes-Martinez, L. et al. (2015). Aelrack1 Expression and Localization in Response to Stress in C6/36 Ht Mosquito Cells. [Journal of Proteomics](#), 119, 45-60.

57 Rodriguez-Manzo, G. & Canseco-Alba, A. (2015). Anandamide Reduces the Ejaculatory Threshold of Sexually Sluggish Male Rats: Possible Relevance for Human Lifelong Delayed Ejaculation Disorder. [Journal of Sexual Medicine](#), 12(5), 1128-1135.

58 Bustos-Guajardo, R. & Moukarzel, C. F. (2015). World distribution of gross domestic product per-capita. [Journal of Statistical Mechanics-Theory and Experiment](#), 2015, P05023.

59 Moukarzel, C. F. (2015). Elastic Anomalies in Disordered Square Networks. [Journal of Statistical Mechanics-Theory and Experiment](#), 2015, P04008.

60 Saucedo-Rivalcoba, V., Landeros, J. G. A., Meneses, V. M. C., Yanez-Limon, J. M., Gomez-Guzman, O., Velasco-Santos, C. & Martinez-Hernandez, A. L. (2015). Study of Thermal Properties of Mullite Porous Materials. [Journal of Thermal Analysis and Calorimetry](#), 120(3), 1553-1561.

61 Gonz+ílez-Amaro, R. M. a., Figueroa-C+írdenas, J. d. D., Perales, H. & Santiago-Ramos, D. (2015). Maize races on functional and nutritional quality of tejate: A maize-cacao beverage. [LWT - Food Science and Technology](#), 63(2), 1008-1015.

62 Adame, M. F., Fry, B., Gamboa, J. N. & Herrera-Silveira, J. A. (2015). Nutrient Subsidies Delivered by Seabirds to Mangrove Islands. [Marine Ecology Progress Series](#), 525, 15-24.

63 Acuna-Gutierrez, I. O., Escobedo-Bocardo, J. C., Almanza-Robles, J. M., Cortes-Hernandez, D. A., Saldivar-Ramirez, M. M. G., Resendiz-Hernandez, P. J. & Zugasti-Cruz, A. (2015). Bioactive and Hemocompatible Calcium Sulphoaluminate Cement. [Materials Research-Ibero-American Journal of Materials](#), 18(2), 298-303.

64 Babu, B. J., Velumani, S., Simonds, B. J., Ahrenkiel, R. K., Kassiba, A. & Asomoza, R. (2015). Effect of sodium doping on graded Cu(In1GÊxGax)Se2 thin films prepared by chemical spray pyrolysis. [Materials Science in Semiconductor Processing](#), 37, 37-45.

65 Bernal-Correa, R., Morales-Acevedo, A., Pulzara Mora, A., Montes-Monsalve, J. & Lopez Lopez, M. (2015). Design of AlxGa1-xAs/GaAs/InyGa1-yAs triple junction solar cells with anti-reflective coating. [Materials Science in Semiconductor Processing](#), 37, 57-61.

66 Calderon, C., Gordillo, G., Becerra, R. & Bartolo-Perez, P. (2015). XPS analysis and characterization of thin films Cu2ZnSnS4 grown using a novel solution based route. [Materials Science in Semiconductor Processing](#), 39, 492-498.

67 Diaz-Reyes, J., Contreras-Rascon, J. I., Arias-Ceron, J. S., Sanchez-Ramirez, J. F., Galvan-Arellano, M., Martinez-Juarez, J. & Balderas-Lopez, J. A. (2015). Structural and optical characterisation of CdSe1-ySy. [Materials Science in Semiconductor Processing](#), 37, 199-206.

- 68 Hernandez, A. G., Kudriavtsev, Y., Gallardo, S., Avendano, M. & Asomoza, R. (2015). Formation of self-organized nano-surfaces on III-V semiconductors by low energy oxygen ion bombardment. [Materials Science in Semiconductor Processing](#), 37, 190-198.
- 69 Hussain, S. Q., Yen, C., Khan, S. et al. (2015). Uniform 3D hydrothermally deposited zinc oxide nanorods with high haze ratio. [Materials Science in Semiconductor Processing](#), 37, 99-104.
- 70 Jimenez-Perez, J. L., Algatti, M. A., Cruz-San Martin, V., Moreira Junior, P. W. P., Mota, R. R. P., Correa Pacheco, Z. N., Cruz-Orea, A. & Sanchez Ramirez, J. F. (2015). Photothermal study of RF-plasma polymerized hexamethyldisilazane thin films. [Materials Science in Semiconductor Processing](#), 37, 223-228.
- 71 Karthik, T. V. K., Olvera, M. L., Maldonado, A. & Velumurugan, V. (2015). Sensing properties of undoped and Pt-doped SnO₂ thin films deposited by chemical spray. [Materials Science in Semiconductor Processing](#), 37, 143-150.
- 72 Khan, S., Hussain, S. Q., Hwang, D., Velumani, S. & Lee, H. (2015). Light trapping by hydrothermally deposited zinc oxide nanostructures with high haze ratio. [Materials Science in Semiconductor Processing](#), 37, 51-56.
- 73 Park, H., Hussain, S. Q., Velumani, S., Tuan-Le, A. H., Ahn, S., Kim, S. & Yi, J. (2015). Influence of working pressure on the structural, optical and electrical properties of sputter deposited AZO thin films. [Materials Science in Semiconductor Processing](#), 37, 29-36.
- 74 Raja, J., Jang, K., Balaji, N., Hussain, S. Q., Velumani, S., Chatterjee, S., Kim, T. & Yi, J. (2015). Aging effects on the stability of nitrogen-doped and un-doped InGaZnO thin-film transistors. [Materials Science in Semiconductor Processing](#), 37, 129-134.
- 75 Raja, J., Jung, S., Jang, K., Jin, Z., Chatterjee, S., Velumani, S., Kim, J. & Yi, J. (2015). Improvement of data retention characteristics of OSOSO multi-stacked MIS capacitor for flat panel display technology. [Materials Science in Semiconductor Processing](#), 37, 9-13.
- 76 Rohini, M., Reyes, P., Velumani, S., Latha, M., Oza, G., Becerril-Juarez, I. & Asomoza, R. (2015). Parametric optimization of mechanochemical process for synthesis of Cu(In, Ga)_{0.5}Se₂ nanoparticles. [Materials Science in Semiconductor Processing](#), 37, 151-158.
- 77 Thanikaikarasan, S., Mahalingam, T., Raja, M. & Velumani, S. (2015). Electrochemical growth and characterization of iron doped cadmium sulfide thin films. [Materials Science in Semiconductor Processing](#), 37, 215-222.
- 78 Torres-Hernandez, J. R., Ramirez-Morales, E., Rojas-Blanco, L. et al. (2015). Structural, optical and photocatalytic properties of ZnO nanoparticles modified with Cu. [Materials Science in Semiconductor Processing](#), 37, 87-92.
- 79 Velasco-Villa, M., Heras-Godinez, J., Vazquez-Santacruz, J. A. & Fragoso-Rubio, V. (2015). Delayed Consensus Problem for Single and Double Integrator Systems. [Mathematical Problems in Engineering](#), 2015, 461098.

- 80 Ramsey, J. M., Peterson, A. T., Carmona-Castro, O., Moo-Llanes, D. A., Nakazawa, Y., Butrick, M., Tun-Ku, E., De La Cruz-Felix, K. & Ibarra-Cerdena, C. N. (2015). Atlas of Mexican Triatominae (Reduviidae: Hemiptera) and Vector Transmission of Chagas Disease. [Memorias Do Instituto Oswaldo Cruz](#), 110(3), 339-352.
- 81 Jimenez, G. S. A., Barranca, M. A. R., Acevedo, S. M., Cervantes, J. E. M. & Arce, M. A. A. (2015). Design Considerations and Electro-Mechanical Simulation of an Inertial Sensor Based on a Floating Gate Metal-Oxide Semiconductor Field-Effect Transistor as Transducer. [Microsystem Technologies-Micro-and Nanosystems-Information Storage and Processing Systems](#), 21(6), 1353-1362.
- 82 Carretero-Paulet, L., Librado, P., Chang, T. H., Ibarra-Laclette, E., Herrera-Estrella, L., Rozas, J. & Albert, V. A. (2015). High Gene Family Turnover Rates and Gene Space Adaptation in the Compact Genome of the Carnivorous Plant *Utricularia Gibba*. [Molecular Biology and Evolution](#), 32(5), 1284-1295.
- 83 Perez, A. I. M., Alonso, O. C., Borbolla, J. C., Vasquez-Perez, J. M., Alonso, J. C., Ayala, K. A., Luna-Barcenas, G., Pandiyan, T. & Garcia, R. A. V. (2015). Synthesis of Photochromic Oligophenylenimines: Optical and Computational Studies. [Molecules](#), 20(4), 5440-5455.
- 84 Laura-Guarachi, L. R. & Hernandez-Lerma, O. (2015). The Mitra-Wan Forestry Model: a Discrete-Time Optimal Control Problem. [Natural Resource Modeling](#), 28(2), 152-168.
- 85 Mariscal, L., Carmona-Tellez, S., Alarcon-Flores, G., Murrieta, H., Hernandez, J. M., Camarillo, E. & Falcony, C. (2015). Luminescent properties of Al₂O₃:Tb³⁺ powders embedded in polyethylene terephthalate films. [Optical Materials](#), 46, 233-239.
- 86 Martinez-Olmos, R. C., Guzman-Mendoza, J., Baez-Rodriguez, A., Alvarez-Fragoso, O., Garcia-Hipolito, M. & Falcony, C. (2015). Synthesis, characterization and luminescence studies in ZrO₂:Dy³⁺ and ZrO₂:Dy³⁺, Gd³⁺ films deposited by the Pyrosol method. [Optical Materials](#), 46, 168-174.
- 87 Palomino-Merino, R., Trejo-Garcia, P., Portillo-Moreno, O., Jimenez-Sandoval, S., Tomas, S. A., Zelaya-Angel, O., Lozada-Morales, R. & Castano, V. M. (2015). Red shifts of the Eg(1) Raman mode of nanocrystalline TiO₂:Er monoliths grown by sol-gel process. [Optical Materials](#), 46, 345-349.
- 88 Retana, C., Sanchez, E., Perez-Lopez, A., Cruz, A., Lagunas, J., Cruz, C., Vital, S. & Reyes, J. L. (2015). Alterations of Intercellular Junctions in Peritoneal Mesothelial Cells From Patients Undergoing Dialysis: Effect of Retinoic Acid. [Peritoneal Dialysis International](#), 35(3), 275-287.
- 89 Flores-Valenzuela, J., Cortez-Valadez, M., Ramirez-Bon, R., Arizpe-Chavez, H., Roman-Zamorano, J. F. & Flores-Acosta, M. (2015). Optical and Vibrational Properties of Pbse Nanoparticles Synthesized in Clinoptilolite. [Physica E-Low-Dimensional Systems & Nanostructures](#), 72, 1-6.
- 90 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Centrality Dependence of Particle Production in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physical Review C](#), 91(6), 064905.
- 91 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Two-Pion Femtoscopy in P-Pb Collisions at Root(Nn)-N-S=5.02 Tev. [Physical Review C](#), 91(3), 034906.

- 92 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Improved Limit to the Diffuse Flux of Ultrahigh Energy Neutrinos From the Pierre Auger Observatory. [Physical Review D](#), 91(9), 092008.
- 93 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Precision Measurement of the Top-Quark Mass in Lepton Plus Jets Final States. [Physical Review D](#), 91(11), 112003.
- 94 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Physics Beyond the Standard Model in Final States With a Lepton and Missing Transverse Energy in Proton-Proton Collisions at Root S = 8 Tev. [Physical Review D](#), 91(9), 092005.
- 95 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Study of Final-State Radiation in Decays of Z Bosons Produced in Pp Collisions at 7 Tev. [Physical Review D](#), 91(9), 092012.
- 96 Moyotl, A., Tavares-Velasco, G. & Toscano, J. J. (2015). Cp-Odd Contributions to the $Z\gamma^*$, $Z\gamma^*$, and $Z\gamma^*$ Vertices Induced by Nondiagonal Charged Scalar Boson Couplings. [Physical Review D](#), 91(9), 093005.
- 97 Aad, G., Abbott, B., Abdallah, J. et al. (2015). Combined Measurement of the Higgs Boson Mass in Pp Collisions at Root S=7 and 8 Tev With the Atlas and Cms Experiments. [Physical Review Letters](#), 114(19), 191803.
- 98 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of J/Psi and Psi(2s) Prompt Double-Differential Cross Sections in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 114(19), 191802.
- 99 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of Dijet K(T) in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 746, 385-395.
- 100 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of Jet Suppression in Central Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 746, 1-14.
- 101 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Cross Section Ratio $\frac{\sigma(T\bar{T})}{\sigma(B\bar{B})}/\sigma(T\bar{T})$ in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 746, 132-153.
- 102 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Quark Contact Interactions and Extra Spatial Dimensions Using Dijet Angular Distributions in Proton-Proton Collisions at Root S=8 Tev. [Physics Letters B](#), 746, 79-99.
- 103 Rodriguez-Leal, D., Leon-Martinez, G., Abad-Vivero, U. & Vielle-Calzada, J. P. (2015). Natural Variation in Epigenetic Pathways Affects the Specification of Female Gamete Precursors in Arabidopsis. [Plant Cell](#), 27(4), 1034-1045.
- 104 Garciadiego-Cazares, D., Aguirre-Sanchez, H. I., Abarca-Buis, R. F., Kouri, J. B., Velasquillo, C. & Ibarra, C. (2015). Regulation of Alpha 5 and Alpha V Integrin Expression by Gdf-5 and Bmp-7 in Chondrocyte Differentiation and Osteoarthritis. [Plos One](#), 10(5), e0127166.

- 105 Gutjahr, C., Sawers, R. J. H., Marti, G. et al. (2015). Transcriptome Diversity Among Rice Root Types During Asymbiosis and Interaction With Arbuscular Mycorrhizal Fungi. [Proceedings of the National Academy of Sciences of the United States of America](#), 112(21), 6754-6759.
- 106 Barany, I., Fabila-Monroy, R. & Vogtenhuber, B. (2015). (N,M)-Fold Covers of Spheres. [Proceedings of the Steklov Institute of Mathematics](#), 288(1), 203-208.
- 107 Renan, X., Trejo-Martinez, J., Caballero-Arango, D. & Brule, T. (2015). Growth Stanzas in an Epinephelidae-Lutjanidae Complex: Considerations to Length-Weight Relationships. [Revista De Biologia Tropical](#), 63(1), 175-187.
- 108 Thomas, I. H. L., Bautista, F., Ruiz, F. R. C., Delgado, M. D., Owen, P. Q., Aguilar, D. & Goguitchaichvili, A. (2015). Concentration of Toxic Elements in Topsoils of the Metropolitan Area of Mexico City: a Spatial Analysis Using Ordinary Kriging and Indicator Kriging. [Revista Internacional De Contaminacion Ambiental](#), 31(1), 47-62.
- 109 Serrano, D. A., Sanchez-Silva, F., Klapp, J. & Medina, A. (2015). The Hagen-Beverloo law for outflow of granular solids from holes on side walls. [Revista Mexicana de Fisica](#), 61, 207-210.
- 110 Guevara-Figueroa, T., Lopez-Hernandez, L., Lopez, M. G. et al. (2015). Conditioning Garlic "Seed" Cloves at Low Temperature Modifies Plant Growth, Sugar, Fructan Content, and Sucrose Sucrose Fructosyl Transferase (1-Sst) Expression. [Scientia Horticulturae](#), 189, 150-158.
- 111 Paz, B. C., Avila-Herrera, F., Cerdeira, A. & Pavanello, M. A. (2015). Double-Gate Junctionless Transistor Model Including Short-Channel Effects. [Semiconductor Science and Technology](#), 30(5), 055011.
- 112 Avila-Herrera, F., Cerdeira, A., Paz, B. C., Estrada, M., Iniguez, B. & Pavanello, M. A. (2015). Compact model for short-channel symmetric double-gate junctionless transistors. [Solid State Electronics](#), 111, 196-203.
- 113 Zeferino-Diaz, R., Hilario-Martinez, J. C., Rodriguez-Acosta, M., Sandoval-Ramirez, J. & Fernandez-Herrera, M. A. (2015). 22-Oxocholestanes as Plant Growth Promoters. [Steroids](#), 98, 126-131.
- 114 Athma, P. V., Martinez, A. I., Johns, N., Safeera, T. A., Reshmi, R. & Anila, E. I. (2015). Nanostructured zinc oxide thin film by simple vapor transport deposition. [Superlattices and Microstructures](#), 85, 379-384.
- 115 Chin-Chan, M., Segovia, J., Quintanar, L., Arcos-Lopez, T., Hersh, L. B., Chow, K. M., Rodgers, D. W. & Quintanilla-Vega, B. (2015). Mercury Reduces the Enzymatic Activity of Nephilysin in Differentiated Sh-Sy5y Cells. [Toxicological Sciences](#), 145(1), 128-137.
- 116 Jimenez-Garza, O., Baccarelli, A. A., Byun, H. M., Marquez-Gamino, S., Barron-Vivanco, B. S. & Albores, A. (2015). CYP2E1 epigenetic regulation in chronic, low-level toluene exposure: Relationship with oxidative stress and smoking habit. [Toxicology and Applied Pharmacology](#), 286(3), 207-215.

117 Cervantes-Salazar, M., Angel-Ambrocio, A. H., Soto-Acosta, R., Bautista-Carbajal, P., Hurtado-Monzon, A. M., Alcaraz-Estrada, S. L., Ludert, J. E. & Del Angel, R. M. (2015). Dengue virus NS1 protein interacts with the ribosomal protein RPL18: This interaction is required for viral translation and replication in Huh-7 cells. [Virology](#), 484, 113-126.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

118 Campos-Gonzalez, E., Guillen-Cervantes, A., Santoyo-Salazar, J. et al. (2015). Growth of CdO films from CdO₂ films by chemical bath deposition: influence of the concentration of cadmium precursor. [Superficies y Vacío](#), 28(1), 25-29.

119 Ibanez, F., Baltazar, A., Mijarez, R. & Aranda, J. (2015). Detection of Structural Damage in Multiwire Cables by Monitoring the Entropy Evolution of Wavelet Coefficients. [AIP Conference Proceedings](#), 1650, 1440-1447.

120 Rojas, E. & Baltazar, A. (2015). Structural Health Monitoring Method Based on the Entropy of an Ultrasonic Sensor Network for a Plate-Like Structure. [AIP Conference Proceedings](#), 1650, 1667-1676.

121 Trane, G., Mijarez, R., Guevara, R. & Baltazar, A. (2015). Pzt Guided Waves Sensor Permanently Attached on Multi-Wire Awg12 Cables Used as Communication Medium. [AIP Conference Proceedings](#), 1650, 631-639.

122 Yam-Puc, J. C., Garcia-Cordero, J., Calderon-Amador, J., Donis-Maturano, L., Cedillo-Barron, L. & Flores-Romo, L. (2015). Germinal Center Reaction Following Cutaneous Dengue Virus Infection in Immune-Competent Mice. [Frontiers in Immunology](#), 6, 188.

123 Martinez-Lopez, A. G., Cerdeira, A., Tinoco, J. C., Alvarado, J., Padron, W. Y., Mendoza, C. & Raskin, J. P. (2015). Rf Modeling of 40-Nm Soi Triple-Gate Finfet. [International Journal of Numerical Modelling-Electronic Networks Devices and Fields](#), 28(4), 465-478.

124 Cruz-Gandarilla, F., Salcedo-Garrido, A. M., Avalos, M., Bolmaro, R., Baudin, T., Cabanas-Moreno, J. G. & Dorantes-Rosales, H. J. (2015). Ebsd Characterization of an if Steel Processed by Accumulative Roll Bonding. [Iop Conference Series-Materials Science and Engineering](#), 82, 012077.

125 Diaz-Bautista, E. & Fernandez, D. J. (2015). Supersymmetric Harmonic Oscillator and Nonlinear Supercoherent States. [Journal of Physics-Conference Series](#), 597, 012031.

126 Fernandez, D. J. & Morales-Salgado, V. S. (2015). Factorization Method for the Truncated Harmonic Oscillator. [Journal of Physics-Conference Series](#), 597, 012035.

127 Adj, G., Menezes, A., Oliveira, T. & Rodriguez-Henriquez, F. (2015). Computing Discrete Logarithms in F-36.137 And F-36.163 Using Magma. [Lecture Notes in Computer Science](#), 9061, 3-22.

128 Garcia-Compean, H. & Manko, V. S. (2015). Are Known Maximal Extensions of the Kerr and Kerr-Newman Spacetimes Physically Meaningful and Analytic? [Progress of Theoretical and Experimental Physics](#), (4), 043E02.

129 Figueroa-Reina, T., Sanchez-Trujillo, D. J., Prias-Barragan, J. J., Ariza-Castolo, H., Pulzara, A. & Lopez-Lopez, M. (2015). Estudio del tiempo caracteristico de llenado de trampas en GaAs y en puntos cuanticos de InAs por medio del analisis de espectros de fotorreflectancia. [Superficies y Vacio](#), 28(1), 1-4.

130 Ibarra-Villegas, F. J., Ortega-Cisneros, S., Moreno-Villalobos, P., Sandoval-Ibarra, F., Del Valle-Padilla, J. L. & Raygoza-Panduro, J. J. (2015). Analysis of MEMS structures to identify their frequency response oriented to acoustic applications. [Superficies y Vacio](#), 28(1), 12-17.

12

[ARTÍCULOS C] – ARTÍCULOS EN REVISTAS DE DIVULGACIÓN CIENTÍFICA Y/O TECNOLÓGICA

131 Torres-Hernandez, M., Lopez-Garcia, S., Pedroza-Escobar, D. & Escamilla-Tilch, M. (2015). El papel de la alexitimia como factor psicomatico en la psoriasis. [Revista Medica Del Instituto Mexicano Del Seguro Social](#), 53(3), 268-272.

132 Montecillos-Puente, M. A., Flores-Villavicencio, L. L., Barbosa-Sabanero, G., Meza, I. & Sabanero-Lopez, M. (2015). Forforilacion de macromoleculas y su participacion en procesos vitales. [Revista Naturaleza y Tecnologia](#), (6), 15-20.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

133 Arroyo, R., Ochoa, T., Tai, J. H. & De La Garza, M. (2015). Iron and Parasites. [Biomed Research International](#), 2015, 291672.

134 Schnoor, M. (2015). E-Cadherin Is Important for the Maintenance of Intestinal Epithelial Homeostasis Under Basal and Inflammatory Conditions. [Digestive Diseases and Sciences](#), 60(4), 816-818.

135 Velumani, S. (2015). Editorial. [Materials Science in Semiconductor Processing](#), 37, 1-2.

136 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Observation of the Rare $B\text{-}S(0)\text{-}\mu^{+}\mu^{-}$ Decay From the Combined Analysis of Cms and Lhcb Data. [Nature](#), 522(7554), 68-U146.

ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

137 Labastida, A., Hernandez-Abreu, O., Rubio-Beltran, E., Rivera-Mancilla, E., Daugherty, B., Lederman, S., Maassenvandenbrink, A. & Villalon, C. M. (2015). Pharmacological Profile of the Tachycardic and Vasopressor Responses Produced by (S)-Isometheptene and (R)-Isometheptene in Pithed Rats. [Cephalalgia](#), 35, 26.

138 Cruz, R., Solis-Garcia, D., Miranda-Sanchez, M. & Kouri, J. B. (2015). Synovitis and Changes in the Expression of Synoviocytes Markers Cd68 and Cd55, During the Progression of Osteoarthritis in a Rat Model. [Osteoarthritis and Cartilage](#), 23, A261.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

139 Arroyo, R., Cardenas-Guerra, R. E., Figueroa-Angulo, E. E., Puente-Rivera, J., Zamudio-Prieto, O. & Ortega-Lopez, J. (2015). Trichomonas Vaginalis Cysteine Proteinases: Iron Response in Gene Expression and Proteolytic Activity. [Biomed Research International](#), 2015, 946787.

140 Reyes-Lopez, M., Pina-Vazquez, C. & Serrano-Luna, J. (2015). Transferrin: Endocytosis and Cell Signaling in Parasitic Protozoa. [Biomed Research International](#), 2015, 641392.

141 Ronceret, A. & Vielle-Calzada, J. P. (2015). Meiosis, Unreduced Gametes, and Parthenogenesis: Implications for Engineering Clonal Seed Formation in Crops. [Plant Reproduction](#), 28(2), 91-102.

142 Villa-Ruano, N., Pacheco-Hernandez, Y., Lozoya-Gloria, E., Castro-Juarez, C. J., Mosso-Gonzalez, C. & Ramirez-Garcia, S. A. (2015). Cytochrome P450 from plants: platforms for valuable phytopharmaceuticals. [Tropical Journal of Pharmaceutical Research](#), 14(4), 731-742.

Última actualización: Julio 01, 2015 08:44 a.m.

ARTÍCULOS DEL MES DE JULIO DE 2015

ARTÍCULOS A - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Azcorra, H., Dickinson, F., Bogin, B., Rodriguez, L. & Varela-Silva, M. I. (2015). Intergenerational Influences on the Growth of Maya Children: the Effect of Living Conditions Experienced by Mothers and Maternal Grandmothers During Their Childhood. [American Journal of Human Biology](#), 27(4), 494-500.
- 2 Gamboa-Becerra, R., Ramirez-Chavez, E., Molina-Torres, J. & Winkler, R. (2015). MSI.R scripts reveal volatile and semi-volatile features in low-temperature plasma mass spectrometry imaging (LTP-MSI) of chilli (*Capsicum annuum*). [Analytical and Bioanalytical Chemistry](#), 407(19), 5673-5684.
- 3 Betancur-Ocampo, Y., Cifuentes-Quintal, M. E., Cordourier-Maruri, G. & De Coss, R. (2015). Landau Levels in Uniaxially Strained Graphene: a Geometrical Approach. [Annals of Physics](#), 359, 243-251.
- 4 Ceballos-Sanchez, O., Martinez, E., Guedj, C., Veillerot, M. & Herrera-Gomez, A. (2015). Indium and Gallium Diffusion Through Zirconia in the Tin/ZrO₂/InGaAs Stack. [Applied Physics Letters](#), 106(22).
- 5 Casallas-Moreno, Y. L., Gallardo-Hernandez, S., Ruiz-Zepeda, F. et al. (2015). As₄ overpressure effects on the phase purity of cubic GaN layers grown on GaAs substrates by RF-MBE. [Applied Surface Science](#), 353, 588-593.
- 6 Juarez-Moreno, J. A., Avila-Ortega, A., Oliva, A. I., Aviles, F. & Cauich-Rodriguez, J. V. (2015). Effect of Wettability and Surface Roughness on the Adhesion Properties of Collagen on Pdms Films Treated by Capacitively Coupled Oxygen Plasma. [Applied Surface Science](#), 349, 763-773.
- 7 Abeja-Pineda, O., Lopez-Lopez, E., Favari, L. & Sedeno-Diaz, J. E. (2015). Algal Growth Potential and Oxidative Stress in *Ankistrodesmus Falcatus* Exposed to Waters From Xochimilco Lake System, Mexico. [Aquatic Ecosystem Health & Management](#), 18(2), 221-231.
- 8 Altamirano-Espinoza, A. H., Manrique-Maldonado, G., Marichal-Cancino, B. A. & Villalon, C. M. (2015). Specific Role of alpha2A- and alpha2B-, but not alpha2C-, Adrenoceptor Subtypes in the Inhibition of the Vasopressor Sympathetic Out-flow in Diabetic Pithed Rats. [Basic & Clinical Pharmacology & Toxicology](#), 117(1), 31-38.
- 9 Sepulveda-Jauregui, A., Anthony, K. M. W., Martinez-Cruz, K., Greene, S. & Thalasso, F. (2015). Methane and Carbon Dioxide Emissions From 40 Lakes Along a North-South Latitudinal Transect in Alaska. [Biogeosciences](#), 12(11), 3197-3223.
- 10 Noda-Garcia, L., Juarez-Vazquez, A. L., Avila-Arcos, M. C., Verduzco-Castro, E. A., Montero-Moran, G., Gaytan, P., Carrillo-Tripp, M. & Barona-Gomez, F. (2015). Insights Into the Evolution of Enzyme Substrate Promiscuity After the Discovery of (Beta Alpha)(8) Isomerase Evolutionary Intermediates From a Diverse Metagenome. [Bmc Evolutionary Biology](#), 15, 107.

- 11 Avila-Rojas, S. H., Velazquez-Lagunas, I., Salinas-Abarca, A. B., Barragan-Iglesias, P., Pineda-Farias, J. B. & Granados-Soto, V. (2015). Role of spinal 5-HT_{5A}, and 5-HT_{1A/1B/1D}, receptors in neuropathic pain induced by spinal nerve ligation in rats. [Brain Research](#), 1622, 377-385.
- 12 Zhang, H. X., Lopez-Honorato, E. & Xiao, P. (2015). Fluidized Bed Chemical Vapor Deposition of Pyrolytic Carbon-iii. Relationship Between Microstructure and Mechanical Properties. [Carbon](#), 91, 346-357.
- 13 Carmona-Tellez, S., Mariscal, L., Hernandez, J. M., Alarcon-Flores, G., Medina-Velazquez, D. Y., Meza-Rocha, A. N., Murrieta, H. & Falcony, C. (2015). Red-orange to green tunable upconversion emission from HfO₂ ceramics embedded in polyester films. [Ceramics International](#), 41(9), 12331-12339.
- 14 Montero-Ocampo, C., Ramirez-Ceja, E. A. & Hidalgo-Badillo, J. A. (2015). Effect of codeposition parameters on the hardness and adhesion of TiVN coatings. [Ceramics International](#), 41(9, Part A), 11013-11023.
- 15 Velazquez, D. Y. M., Soto, L. A. H., Ramirez, A. D. M., Carmona-Tellez, S., Garfias-Garcia, E., Falcony, C. & Murillo, A. G. (2015). White Luminescence of Bismuth and Samarium Codoped Y₂O₃ Phosphors. [Ceramics International](#), 41(7), 8481-8487.
- 16 Cervantes-Navarro, F., De Cozar, A., Cossio, F. P., Fernandez-Herrera, M. A., Merino, G. & Fernandez, I. (2015). Is it possible to achieve a complete desaturation of cycloalkanes promoted by o-benzyne? [Chemical Communications](#), 51(25), 5302-5305.
- 17 Karne, A. S., Vaval, N., Pal, S., Vasquez-Perez, J. M., Koster, A. M. & Calaminici, P. (2015). Systematic comparison of DFT and CCSD dipole moments, polarizabilities and hyperpolarizabilities. [Chemical Physics Letters](#), 635, 168-173.
- 18 Rager, J. E., Tilley, S. K., Tulenko, S. E. et al. (2015). Identification of Novel Gene Targets and Putative Regulators of Arsenic-Associated Dna Methylation in Human Urothelial Cells and Bladder Cancer. [Chemical Research in Toxicology](#), 28(6), 1144-1155.
- 19 Pozo-Molina, G., Ponciano-Gomez, A., Rivera-Gonzalez, G. C., Hernandez-Zavala, A. & Garrido, E. (2015). Arsenic-induced S phase cell cycle lengthening is associated with ROS generation, p53 signaling and CDC25A expression. [Chemico-Biological Interactions](#), 238, 170-179.
- 20 Torres-Vega, J. J., Vasquez-Espinal, A., Ruiz, L., Fernandez-Herrera, M. A., Alvarez-Thon, L., Merino, G. & Tiznado, W. (2015). Revisiting Aromaticity and Chemical Bonding of Fluorinated Benzene Derivatives. [Chemistryopen](#), 4(3), 302-307.
- 21 Ramirez-Alejo, N., Alcantara-Montiel, J. C., Yamazaki-Nakashimada, M., Duran-McKinster, C., Valenzuela-Leon, P., Rivas-Larrauri, F., Cedillo-Barron, L., Hernandez-Rivas, R. & Santos-Argumedo, L. (2015). Novel hypomorphic mutation in IKBKG impairs NEMO-ubiquitylation causing ectodermal dysplasia, immunodeficiency, incontinentia pigmenti, and immune thrombocytopenic purpura. [Clinical Immunology](#), 160(2), 163-171.

22 Hernandez-Onate, M. A. & Herrera-Estrella, A. (2015). Damage response involves mechanisms conserved across plants, animals and fungi. [Current Genetics](#), 61(3), 359-372.

*23 Dutt, A., Godavarthi, S., Matsumoto, Y., Santana-Rodriguez, G., Avila, A., Sanchez, V. & Raina, G. (2015). Hw-Cvd Deposited Nanocrystalline Silicon Thin Films at Low Substrate Temperature With White-Blue Luminescence. [Current Nanoscience](#), 11(5), 621-626.

24 Zuniga-Garcia, V., Chavez-Lopez, M. G., Quintanar-Jurado, V., Gabino-Lopez, N. B., Hernandez-Gallegos, E., Soriano-Rosas, J., Perez-Carreón, J. I. & Camacho, J. (2015). Differential Expression of Ion Channels and Transporters During Hepatocellular Carcinoma Development. [Digestive Diseases and Sciences](#), 60(8), 2373-83.

25 Kutralam-Muniasamy, G., Flores-Cotera, L. B. & Perez-Guevara, F. (2015). Potential of yeast secretory vesicles in biodelivery systems. [Drug Discovery Today](#), 20(6), 659-66.

26 Centeno-Chale, O. A., Aguirre-Macedo, M. L., Gold-Bouchot, G. & Vidal-Martinez, V. M. (2015). Effects of Oil Spill Related Chemical Pollution on Helminth Parasites in Mexican Flounder *Cyclopsetta Chittendeni* From the Campeche Sound, Gulf of Mexico. [Ecotoxicology and Environmental Safety](#), 119, 162-169.

27 Kamaraj, S. K., Mollan-Romano, S., Compan-Moreno, V., Poggi-Varaldo, H. M. & Solorza-Feria, O. (2015). Use of Novel Reinforced Cation Exchange Membranes for Microbial Fuel Cells. [Electrochimica Acta](#), 176, 555-566.

28 Clempner, J. B. & Poznyak, A. S. (2015). Modeling the Multi-Traffic Signal-Control Synchronization: a Markov Chains Game Theory Approach. [Engineering Applications of Artificial Intelligence](#), 43, 147-156.

29 Hacothen-Domene, A., Martinez-Rincon, R. O., Galvan-Magana, F., Cardenas-Palomo, N., De La Parra-Venegas, R., Galvan-Pastoriza, B. & Dove, A. D. M. (2015). Habitat Suitability and Environmental Factors Affecting Whale Shark (*Rhincodon Typus*) Aggregations in the Mexican Caribbean. [Environmental Biology of Fishes](#), 98(8), 1953-1964.

30 Hernandez-Zamora, M., Cristiani-Urbina, E., Martinez-Jeronimo, F., Perales-Vela, H., Ponce-Noyola, T., Montes-Horcasitas, M. D. & Canizares-Villanueva, R. O. (2015). Bioremoval of the Azo Dye Congo Red by the Microalga *Chlorella Vulgaris*. [Environmental Science and Pollution Research](#), 22(14), 10811-10823.

31 Murugesan, S., Ulloa-Martinez, M., Martinez-Rojano, H. et al. (2015). Study of the Diversity and Short-Chain Fatty Acids Production by the Bacterial Community in Overweight and Obese Mexican Children. [European Journal of Clinical Microbiology & Infectious Diseases](#), 34(7), 1337-1346.

32 Lopez-Canul, M., Comai, S., Dominguez-Lopez, S., Granados-Soto, V. & Gobbi, G. (2015). Antinociceptive properties of selective MT2 melatonin receptor partial agonists. [European Journal of Pharmacology](#), 764, 424-432.

- 33 Horley, P. P., Sukhov, A., Berakdar, J. & Trapaga-Martinez, L. G. (2015). Influence of Dipole-Dipole Interactions on the Angular Dependence of Ferromagnetic Resonance Spectra in Arrays of Fe/Fexoy Core/Shell Nanocubes. [European Physical Journal B](#), 88(6), 165.
- 34 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Search for Patterns by Combining Cosmic-Ray Energy and Arrival Directions at the Pierre Auger Observatory. [European Physical Journal C](#), 75(6), 269.
- 35 Abelev, B., Adam, J., Adamova, D. et al. (2015). Inclusive Photon Production at Forward Rapidities in Proton-Proton Collisions at Root S=0.9, 2.76 And 7 Tev. [European Physical Journal C](#), 75(4), 146.
- 36 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of Pion, Kaon and Proton Production in Proton-Proton Collisions at Root S=7 Tev. [European Physical Journal C](#), 75(5), 226.
- 37 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Inclusive 3-Jet Production Differential Cross Section in Proton-Proton Collisions at 7 Tev and Determination of the Strong Coupling Constant in the Tev Range. [European Physical Journal C](#), 75(5), 186.
- 38 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurements of Differential and Double-Differential Drell-Yan Cross Sections in Proton-Proton Collisions at Root S=8 Tev. [European Physical Journal C](#), 75(4), 147.
- 39 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Nuclear Effects on the Transverse Momentum Spectra of Charged Particles in Ppb Collisions at Root S(Nn)=5.02 Tev. [European Physical Journal C](#), 75(5), 237.
- 40 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Precise Determination of the Mass of the Higgs Boson and Tests of Compatibility of Its Couplings With the Standard Model Predictions Using Proton Collisions at 7 and 8 Tev. [European Physical Journal C](#), 75(5), 212.
- 41 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for a Standard Model Higgs Boson Produced in Association With a Top-Quark Pair and Decaying to Bottom Quarks Using a Matrix Element Method. [European Physical Journal C](#), 75(6), 251.
- 42 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Dark Matter, Extra Dimensions, and Unparticles in Monojet Events in Proton-Proton Collisions at Root S=8tev. [European Physical Journal C](#), 75(5), 235.
- 43 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Decays of Stopped Long-Lived Particles Produced in Proton-Proton Collisions at Root S=8tev. [European Physical Journal C](#), 75(4), 151.
- 44 Clempner, J. B. & Poznyak, A. S. (2015). Stackelberg Security Games: Computing the Shortest-Path Equilibrium. [Expert Systems With Applications](#), 42(8), 3967-3979.

- 45 Zapien-Campos, R., Olmedo-Alvarez, G. & Santillan, M. (2015). Antagonistic Interactions Are Sufficient to Explain Self-Assemblage of Bacterial Communities in a Homogeneous Environment: a Computational Modeling Approach. [Frontiers in Microbiology](#), 6, 489.
- 46 Backer, R., Mahomed, W., Reeksting, B. J., Engelbrecht, J., Ibarra-Laciette, E. & Van Den Berg, N. (2015). Phylogenetic and Expression Analysis of the Npr1-Like Gene Family From *Persea Americana* (Mill.). [Frontiers in Plant Science](#), 6, 300.
- 47 Gonzalez-Munoz, E., Avendano-Vazquez, A. O., Montes, R. A. C., De Folter, S., Andres-Hernandez, L., Abreu-Goodger, C. & Sawers, R. J. H. (2015). The Maize (*Zea Mays* Ssp *Mays* Var. B73) Genome Encodes 33 Members of the Purple Acid Phosphatase Family. [Frontiers in Plant Science](#), 6, 341.
- 48 Sotelo-Silveira, M., Chauvin, A., Marsch-Martinez, N., Winkler, R. & De Folter, S. (2015). Metabolic Fingerprinting of *Arabidopsis Thaliana* Accessions. [Frontiers in Plant Science](#), 6, 365.
- 49 Escobar-Tovar, L., Guzman-Quesada, M., Sandoval-Fernandez, J. A. & Gomez-Lim, M. A. (2015). Comparative Analysis of the in Vitro and in Planta Secretomes From *Mycosphaerella Fijiensis* Isolates. [Fungal Biology](#), 119(6), 447-470.
- 50 Camacho-Mejorado, R., Noris, G., Santana, C. et al. (2015). Interethnic variation of the MMP-9 microsatellite in Amerindian and Mexican Mestizo populations: considerations for genetic association studies. [Genetics and Molecular Research](#), 14(1), 2929-2939.
- 51 Romero-Angeles, R. I., Garcia-Ruiz, R. & Lara-Rodriguez, D. (2015). An Algorithm for the Evaluation of the Throughput of a Tcp Newreno Bulk Data Flow. [Ieee Communications Letters](#), 19(6), 941-944.
- 52 Balderrama, V. S., Sanchez, J. G., Estrada, M., Ferre-Borrull, J., Pallares, J. & Marsal, L. F. (2015). Relation of Polymer Degradation in Air With the Charge Carrier Concentration in Ptb1, Ptb7, and Pcbm Layers Used in High-Efficiency Solar Cells. [Ieee Journal of Photovoltaics](#), 5(4), 1093-1099.
- 53 Urias, M. E. G., Sanchez, E. N. & Ricalde, L. J. (2015). Electrical Microgrid Optimization Via a New Recurrent Neural Network. [Ieee Systems Journal](#), 9(3), 945-953.
- 54 Castanos, F. & Kunusch, C. (2015). Ditherless Extremum Seeking for Hydrogen Minimization in Pem Fuel Cells. [Ieee Transactions on Industrial Electronics](#), 62(8), 5218-5226.
- 55 Yu, W. (2015). Neural Feedback Passivity of Unknown Nonlinear Systems Via Sliding Mode Technique. [Ieee Transactions on Neural Networks and Learning Systems](#), 26(7), 1560-1566.
- 56 Vazquez-Ramirez, M. F., Rangel-Nunez, J. C., Ibarra, J. E. & Del Rincon-Castro, M. C. (2015). Evaluation as Biological Control Agents Against the Fall Armyworm *Spodoptera Frugiperda* (Lepidoptera: Noctuidae) and Characterization of Mexican *Bacillus Thuringiensis* Strains. [Interciencia](#), 40(6), 397-402.

57 Pozo-Molina, G., Reyes-Real, J., Mendoza-Ramos, M. I., Villalobos-Molina, R., Garrido-Guerrero, E. & Mendez-Cruz, A. R. (2015). Novel Missense Mutation in the Eda1 Gene Identified in a Family With Hypohidrotic Ectodermal Dysplasia. [International Journal of Dermatology](#), 54(7), 790-794.

*58 Gonzalez-Chavez, M. C. A., Olivares, A. R., Carrillo-Gonzalez, R. & Leal, E. R. (2015). Crude Oil and Bioproducts of Castor Bean (*Ricinus Communis* L.) Plants Established Naturally on Metal Mine Tailings. [International Journal of Environmental Science and Technology](#), 12(7), 2263-2272.

59 Gonzalez-Horta, C., Ballinas-Casarrubias, L., Sanchez-Ramirez, B. et al. (2015). A concurrent exposure to arsenic and fluoride from drinking water in Chihuahua, Mexico. [International Journal of Research and Public Health](#), 12(5), 4587-601.

60 Correa-Pacheco, Z. N., Cruz-Orea, A., Jimenez-Perez, J. L., Solorzano-Ojeda, S. C. & Tramon-Pregnan, C. L. (2015). Measurement of Thermal Properties of Triticale Starch Films Using Photothermal Techniques. [International Journal of Thermophysics](#), 36(5-6), 873-879.

61 Dominguez-Pacheco, A., Hernandez-Aguilar, C. & Cruz-Orea, A. (2015). Thermal Images of Seeds Obtained at Different Depths by Photoacoustic Microscopy (Pam). [International Journal of Thermophysics](#), 36(5-6), 812-818.

62 Garay-Ramirez, B., Cruz-Orea, A. & San Martin-Martinez, E. (2015). Effect of Silver Nanoparticles on the Thermal Properties of Sodium Acetate Trihydrate. [International Journal of Thermophysics](#), 36(5-6), 1164-1172.

63 Hernandez-Aguilar, C., Dominguez-Pacheco, A., Cruz-Orea, A. & Zepeda-Bautista, R. (2015). Depth Profiles in Maize (*Zea Mays* L.) Seeds Studied by Photoacoustic Spectroscopy. [International Journal of Thermophysics](#), 36(5-6), 891-899.

64 Jimenez-Perez, J. L., Fuentes, R. G., Correa-Pacheco, Z. N., Tanori-Cordova, J., Cruz-Orea, A. & Gamboa, G. L. (2015). Study of Vegetable Biodiesel Enhanced by Gold Nanoparticles Using Thermal-Lens Technique. [International Journal of Thermophysics](#), 36(5-6), 1086-1092.

65 Macias, J. D., Ordonez-Miranda, J., Lizama-Tzec, F. I., Ares, O., Bante-Guerra, J., Oskam, G., De Coss, R. & Alvarado-Gil, J. J. (2015). Photothermal Determination of Infrared Emissivity of Selective Solar Absorbing Coatings. [International Journal of Thermophysics](#), 36(5-6), 1051-1056.

66 Sanchez-Hernandez, G., Hernandez-Aguilar, C., Dominguez-Pacheco, A., Cruz-Orea, A., Perez-Reyes, M. & Martinez, E. (2015). The Optical Absorption Coefficient of Bean Seeds Investigated Using Photoacoustic Spectroscopy. [International Journal of Thermophysics](#), 36(5-6), 835-843.

67 Bahrami, A., Pech-Canul, M. I., Gutierrez, C. A. & Soltani, N. (2015). Effect of Rice-Husk Ash on Properties of Laminated and Functionally Graded Al/Sic Composites by One-Step Pressureless Infiltration. [Journal of Alloys and Compounds](#), 644, 256-266.

68 Hernandez-Chan, N. G., Orozco-Barrios, C. E., Escobedo, L. et al. (2015). Neurotensin-polyplex-mediated brain-derived neurotrophic factor gene delivery into nigral dopamine neurons prevents nigrostriatal degeneration in a rat model of early Parkinson's disease. [Journal of Biomedical Science](#), 22(1), 59.

69 Coconi-Linares, N., Ortiz-Vazquez, E., Fernandez, F., Loske, A. M. & Gomez-Lim, M. A. (2015). Recombinant expression of four oxidoreductases in *Phanerochaete chrysosporium* improves degradation of phenolic and non-phenolic substrates. [Journal of Biotechnology](#), 209, 76-84.

70 Mariscal-Moreno, R. M., Cardenas-Figueroa, J. D., Santiago-Ramos, D., Arambula-Villa, G., Jimenez-Sandoval, S., Rayas-Duarte, P., Veles-Medina, J. J. & Martinez Flores, H. E. (2015). The effect of different nixtamalisation processes on some physicochemical properties, nutritional composition and glycemic index. [Journal of Cereal Science](#), 65, 140-146.

71 Mendoza-Rangel, J. M., Castro-Borges, P., Quintana-Owen, P., Balancan-Zapata, M. & Cabrera-Madrid, J. A. (2015). Chemical Interactions in Reinforced Concrete Exposed at a Tropical Marine Environment. [Journal of Chemistry](#), 864872.

72 Ramirez-Manzanares, A., Pena, J., Azpiroz, J. M. & Merino, G. (2015). A Hierarchical Algorithm for Molecular Similarity (H-Forms). [Journal of Computational Chemistry](#), 36(19), 1456-1466.

73 Abraham-Juarez, M. J., Hernandez-Cardenas, R., Santoyo-Villa, J. N., Simpson, J., O'Connor, D., Sluis, A., Hake, S., Ordaz-Ortiz, J. & Terry, L. (2015). Functionally different PIN proteins control auxin flux during bulbil development in *Agave tequilana*. [Journal of Experimental Botany](#), 66(13), 3893-3905.

74 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Rapidity and Transverse-Momentum Dependence of the Inclusive J/Psi Nuclear Modification Factor in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Journal of High Energy Physics](#), (6), 055.

75 Andreev, V., Baghdasaryan, A., Begzsuren, K. et al. (2015). Diffractive Dijet Production With a Leading Proton in Ep Collisions at Hera. [Journal of High Energy Physics](#), (5), 056.

76 Andreev, V., Baghdasaryan, A., Begzsuren, K. et al. (2015). Measurement of Dijet Production in Diffractive Deep-Inelastic Ep Scattering at Hera. [Journal of High Energy Physics](#), (3), 092.

77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Physics Beyond the Standard Model in Dilepton Mass Spectra in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (4), 025.

78 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Physics Beyond the Standard Model in Events With Two Leptons, Jets, and Missing Transverse Momentum in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (4), 124.

79 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Vector-Like T Quarks Decaying to Top Quarks and Higgs Bosons in the All-Hadronic Channel Using Jet Substructure. [Journal of High Energy Physics](#), (6), 080.

- 80 Meza-Rocha, A. N., Huerta, E. F., Caldino, U., Carmona-Tellez, S., Bettinelli, M., Speghini, A., Pelli, S., Righini, G. C. & Falcony, C. (2015). Dependence of the up-conversion emission of Li⁺ co-doped Y₂O₃:Er³⁺ films with dopant concentration. [Journal of Luminescence](#), 167, 352-359.
- 81 Padilla-Rosales, I., Martinez-Martinez, R., Cabanas, G. & Falcony, C. (2015). The Effect of Bi³⁺ and Li⁺ Co-Doping on the Luminescence Characteristics of Eu³⁺-Doped Aluminum Oxide Films. [Journal of Luminescence](#), 165, 185-189.
- 82 Lizama-Tzec, F. I., Macias, J. D., Estrella-Gutierrez, M. A., Cahue-Lopez, A. C., Ares, O., De Coss, R., Alvarado-Gil, J. J. & Oskam, G. (2015). Electrodeposition and characterization of nanostructured black nickel selective absorber coatings for solar-thermal energy conversion. [Journal of Materials Science-Materials in Electronics](#), 26(8), 5553-5561.
- 83 Alvarez-Canales, G., Arellano-Alvarez, G., Gonzalez-Domenech, C. M., De La Cruz, F., Moya, A. & Delaye, L. (2015). Identification of Xenologs and Their Characteristic Low Expression Levels in the Cyanobacterium *Synechococcus Elongatus*. [Journal of Molecular Evolution](#), 80(5-6), 292-304.
- 84 Kalyanasundar, B., Perez, C. I., Solorio, J., Moreno, M. G., Gutierrez, R., Luna, A., Elias, D. & Simon, S. A. (2015). D1 and D2 antagonists reverse the effects of appetite suppressants on weight loss, food intake, locomotion, and rebalance spiking inhibition in the rat NAc shell. [Journal of Neurophysiology](#), 114(1), 585-607.
- *85 Sarabia-Estrada, R., Banuelos-Pineda, J., Carrasco, L. P. O., Jimenez-Vallejo, S., Jimenez-Estrada, I., Rivas-Celis, E., Duenas-Jimenez, J. M. & Duenas-Jimenez, S. H. (2015). Aberrant Gastrocnemius Muscle Innervation by Tibial Nerve Afferents After Implantation of Chitosan Tubes Impregnated With Progesterone Favored Locomotion Recovery in Rats With Transected Sciatic Nerve. [Journal of Neurosurgery](#), 123(1), 270-282.
- 86 Jimenez-Sanchez, A., Farfan, N. & Santillan, R. (2015). Multiresponsive Photo-, Solvato-, Acido-, and Ionochromic Schiff Base Probe. [Journal of Physical Chemistry C](#), 119(24), 13814-13826.
- 87 Garcia-Amaya, I. V., Zayas, M. E., Alvarado-Rivera, J., Alvarez, E., Gallardo-Heredia, S. A., Limon, G. A., Lozada-Morales, R. & Rincon, J. M. (2015). Spectroscopic Studies of the Behavior of Eu³⁺ on the Luminescence of Cadmium Tellurite Glasses. [Journal of Spectroscopy](#), 478329.
- 88 Ocampo-Macias, T., Lara-Romero, J., Huirache-Acuna, R., Alvarado-Flores, J. J., Lopez-Tinoco, J., Chinas-Castillo, F., Jimenez-Sandoval, S., Paraguay-Delgado, F. & Reyes-Rojas, A. (2015). Synthesis of Iron Sulfide Films Through Solid-Gas Reaction of Iron With Diethyl Disulfide. [Journal of Sulfur Chemistry](#), 36(4), 385-394.
- 89 Maldonado, Y. G. & Castillejos, H. A. (2015). A new method for estimating the isothermal devitrification and crystallization of mold powder slags from non-isothermal DSC data. [Materials & Design](#), 83, 728-735.
- 90 Novelo, T. E., Amezaga-Madrid, P., Maldonado, R. D., Oliva, A. I. & Alonzo-Medina, G. M. (2015). Synthesis and Characterization in AuCu-Si Nanostructures. [Materials Characterization](#), 101, 83-89.

- 91 Hernandez, R., Rosendo, E., Romano-Trujillo, R. et al. (2015). Colloidal synthesis of ZnSe nanoparticles at room temperature. [Materials Letters](#), 159, 229-232.
- 92 Babu, B. J., Velumani, S., Simonds, B. J., Ahrenkiel, R. K., Kassiba, A. & Asomoza, R. (2015). Effect of Sodium Doping on Graded Cu(In_{1-x}Ga_x)Se₂ Thin Films Prepared by Chemical Spray Pyrolysis. [Materials Science in Semiconductor Processing](#), 37, 37-45.
- 93 Bravo-Garcia, Y. E., Rodriguez-Fragoso, P., Mendoza-Alvarez, J. G. & Gonzalez-De la Cruz, G. (2015). Growth and characterization of InAsSb layers on GaSb substrates by liquid phase epitaxy. [Materials Science in Semiconductor Processing](#), 40, 253-256.
- 94 De Moure-Flores, F., Guillen-Cervantes, A., Campos-Gonzalez, E. et al. (2015). Influence of the indium nominal concentration in the formation of CuInS₂ films grown by CBD. [Materials Science in Semiconductor Processing](#), 39, 755-759.
- 95 Montes-Valenzuela, I., Romero-Paredes, G., Vazquez-Agustin, M. A., Baca-Arroyo, R. & Pena-Sierra, R. (2015). Synthesis and Characterization of Nanostructured Magneto-resistive Ni Doped ZnO Films. [Materials Science in Semiconductor Processing](#), 37, 185-189.
- 96 Ortega-Reyes, L. & Avila-Garcia, A. (2015). Thermally Grown Vanadium Oxide Films and Their Electrical Properties. [Materials Science in Semiconductor Processing](#), 37, 123-128.
- 97 Ruiz-Preciado, M. A., Kassiba, A., Gibaud, A. & Morales-Acevedo, A. (2015). Comparison of Nickel Titanate (NiTiO₃) Powders Synthesized by Sol-Gel and Solid State Reaction. [Materials Science in Semiconductor Processing](#), 37, 171-178.
- 98 Vilchis, H. & Sanchez, V. M. (2015). Electrical Behavior of Mg Doped Cubic GaN on C-GaN Structure. [Materials Science in Semiconductor Processing](#), 37, 68-72.
- 99 Khmelnytskaya, K. V., Kravchenko, V. V. & Rosu, H. C. (2015). Eigenvalue Problems, Spectral Parameter Power Series, and Modern Applications. [Mathematical Methods in the Applied Sciences](#), 38(10), 1945-1969.
- 100 Procopio, L. M., Rosas-Ortiz, O. & Velazquez, V. (2015). On the Geometry of Spatial Biphoton Correlation in Spontaneous Parametric Down Conversion. [Mathematical Methods in the Applied Sciences](#), 38(10), 2053-2061.
- 101 Flores-Resendiz, J. F., Aranda-Bricaire, E., Gonzalez-Sierra, J. & Santiaguillo-Salinas, J. (2015). Finite-Time Formation Control Without Collisions for Multiagent Systems With Communication Graphs Composed of Cyclic Paths. [Mathematical Problems in Engineering](#), 948086.
- 102 Portillo-Velez, R. D., Rodriguez-Angeles, A. & Cruz-Villar, C. A. (2015). An Optimization-Based Impedance Approach for Robot Force Regulation With Prescribed Force Limits. [Mathematical Problems in Engineering](#), 918301.
- 103 Mendoza-Trejo, O., Cruz-Villar, C. A., Peon-Escalante, R., Zambrano-Arjona, M. A. & Penunuri, F. (2015). Synthesis method for the spherical 4R mechanism with minimum center of mass acceleration. [Mechanism and Machine Theory](#), 93, 53-64.

- *104 Berenguer, T. M., Berenguer, J. A. M., Garcia, M. E. B., Pol, A. P. & Moreno, J. J. M. (2015). Models of Artificial Neural Networks Applied to Demand Forecasting in Nonconsolidated Tourist Destinations. [Methodology-European Journal of Research Methods for the Behavioral and Social Sciences](#), 11(2), 35-44.
- 105 Aguilar-Lobo, L. M., Loo-Yau, J. R., Rayas-Sanchez, J. E., Ortega-Cisneros, S., Moreno, P. & Reynoso-Hernandez, J. A. (2015). Application of the Narx Neural Network as a Digital Predistortion Technique for Linearizing Microwave Power Amplifiers. [Microwave and Optical Technology Letters](#), 57(9), 2137-2142.
- 106 Pineda-Farias, J. B., Barragan-Iglesias, P., Loeza-Alcocer, E., Torres-Lopez, J. E., Rocha-Gonzalez, H. I., Perez-Severiano, F., Delgado-Lezama, R. & Granados-Soto, V. (2015). Role of Anoctamin-1 and Bestrophin-1 in Spinal Nerve Ligation-Induced Neuropathic Pain in Rats. [Molecular Pain](#), 11, 41.
- *107 Rangel, R., Cortes, J. A., Lara, J., Quintana, P., Alvarado-Gil, J. J. & Contreras, O. (2015). Advantages of Hydrothermal Synthesis to Produce Tunable Tio₂ Nanomicro Sized Photocatalysts and Their Effect in Lignin Degradation. [Nano](#), 10(3), 1550046.
- *108 Buendia-Trujillo, A. I., Torres-Valencia, J. M., Joseph-Nathan, P. & Burgueno-Tapia, E. (2015). Absolute Configuration Assignment of 3',4'-Di-O-Acylkhellactones Using Vibrational Circular Dichroism Exciton Chirality. [Natural Product Communications](#), 10(6), 1027-1032.
- *109 Torres-Valencia, J. M., Motilva, V., Manriquez-Torres, J. J. et al. (2015). Antiproliferative Activity of Seco-Oxacassanes From Acacia Schaffneri. [Natural Product Communications](#), 10(6), 853-856.
- 110 Liu, Z., Chai, T., Yu, W. & Tang, J. (2015). Multi-frequency signal modeling using empirical mode decomposition and PCA with application to mill load estimation: Learning for Visual Semantic Understanding in Big Data ESANN 2014 Industrial Data Processing and Analysis Selected papers from the 22nd European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (ESANN 2014) Selected papers from the 11th World Congress on Intelligent Control and Automation (WCICA2014). [Neurocomputing](#), 169, 392-402.
- 111 Lopez-Franco, M., Sanchez, E. N., Alanis, A. Y., Lopez-Franco, C. & Arana-Daniel, N. (2015). Decentralized control for stabilization of nonlinear multi-agent systems using neural inverse optimal control. [Neurocomputing](#), 168, 81-91.
- 112 Aragon, J., Martinez-Herrera, A., Bermudez-Cruz, R. M. et al. (2015). EF-hand domains are involved in the differential cellular distribution of dystrophin Dp40. [Neuroscience Letters](#), 600, 115-120.
- 113 Pablo, P. A. M., Valdes, J. & Ortiz-Hernandez, L. (2015). Accuracy of Body Mass Index for Age to Diagnose Obesity in Mexican Schoolchildren. [Nutricion Hospitalaria](#), 31(6), 2668-2675.

- 114 Aztatzi-Aguilar, O. G., Uribe-Ramirez, M., Arias-Montano, J. A., Barbier, O. & De Vizcaya-Ruiz, A. (2015). Acute and Subchronic Exposure to Air Particulate Matter Induces Expression of Angiotensin and Bradykinin-Related Genes in the Lungs and Heart: Angiotensin-II Type-I Receptor as a Molecular Target of Particulate Matter Exposure. [Particle and Fibre Toxicology](#), 12, 17.
- 115 Garcia-Cardenas, N., Olvera-Hernandez, S., Gomez-Quintanar, B. N. & Fernandez-Guasti, A. (2015). Male rats with same sex preference show high experimental anxiety and lack of anxiogenic-like effect of fluoxetine in the plus maze test. [Pharmacology, Biochemistry and Behavior](#), 135, 128-35.
- 116 Abelev, B., Adam, J., Adamova, D. et al. (2015). Charged Jet Cross Sections and Properties in Proton-Proton Collisions at Root $S=7$ Tev. [Physical Review D](#), 91(11), 112012.
- 117 Gonzalez, D. & Montesinos, M. (2015). Gauge connection formulations for general relativity. [Physical Review D](#), 91(2), 024021.
- 118 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Evidence for Collective Multiparticle Correlations in P-Pb Collisions. [Physical Review Letters](#), 115(1), 012301.
- 119 Garcia-Compean, H. & Manko, V. S. (2015). A note on static dyonic diholes. [Physics Letters B](#), 748, 366-368.
- 120 Hernandez-Hernandez, E., Neira-Velazquez, M. G., Guerrero-Alvarado, H. et al. (2015). Plasma Functionalization of Carbon Nanofibers With Vapors of Ammonia/Water. [Plasma Chemistry and Plasma Processing](#), 35(4), 757-768.
- 121 Flores-Tellez, T. N. J., Villa-Trevino, S., Lopez, T. V. & Vasquez-Garzon, V. R. (2015). Co-Expression of Ezrin-CLIC5-Podocalyxin Is Associated with Migration and Invasiveness in Hepatocellular Carcinoma. [Plos One](#), 10(7), e0131605.
- 122 Garcia-Ortega, L. F. & Martinez, O. (2015). How Many Genes Are Expressed in a Transcriptome? Estimation and Results for RNA-Seq. [Plos One](#), 10(6), e0130262.
- 123 Marmolejo-Leyva, R., Perez-Angon, M. A. & Russell, J. M. (2015). Mobility and International Collaboration: Case of the Mexican Scientific Diaspora. [Plos One](#), 10(6), e126720.
- 124 Gomez-Acata, R. V., Lara-Cisneros, G., Femat, R. & Aguilar-Lopez, R. (2015). On the dynamic behaviour of a class of bioreactor with non-conventional yield coefficient form. [Revista Mexicana De Ingenieria Quimica](#), 14(1), 149-165.
- 125 Arcos-Ramos, R., Rodriguez-Molina, B., Gonzalez-Rodriguez, E., Ramirez-Montes, P. I., Ochoa, M. E., Santillan, R., Farfan, N. & Garcia-Garibay, M. A. (2015). Crystalline Arrays of Molecular Rotors With Tips-Triptyl and Phenolic-Triptyl Stators Using Phenylene, 1,2-Difluorophenylene and Pyridine Rotators. [Rsc Advances](#), 5(68), 55201-55208.
- 126 Arroyo, M., Couder-Castaneda, C., Trujillo-Alcantara, A., Herrera-Diaz, I. E. & Vera-Chavez, N. (2015). A Performance Study of a Dual Xeon-Phi Cluster for the Forward Modelling of Gravitational Fields. [Scientific Programming](#), 316012.

- 127 Martinez-Guajardo, G., Cabellos, J. L., Diaz-Celaya, A., Pan, S., Islas, R., Chattaraj, P. K., Heine, T. & Merino, G. (2015). Dynamical Behavior of Borospherene: a Nanobubble. [Scientific Reports](#), 5, 11287.
- 128 Grudsky, S. & Rybkin, A. (2015). Soliton Theory and Hankel Operators. [Siam Journal on Mathematical Analysis](#), 47(3), 2283-2323.
- 129 Rojas, E., Baltazar, A. & Loh, K. J. (2015). Damage Detection Using the Signal Entropy of an Ultrasonic Sensor Network. [Smart Materials and Structures](#), 24(7), 075008.
- 130 Diaz, A. C., Merinos, J. P. G., Lopez, Y., Campos, J. B. G., Del Rio, R. E., Santillan, R., Farfan, N. & Morzycki, J. W. (2015). Regio- and Stereoselective Cleavage of Steroidal 22-Oxo-23-Spiroketal Catalyzed by Bf₃ Center Dot Et₂o. [Steroids](#), 100, 36-43.
- 131 Cordero-Rivera, R. E., Melendez-Rodriguez, M., Suarez-Castillo, O. R., Bautista-Hernandez, C. I., Trejo-Carbajal, N., Cruz-Borbolla, J., Castelan-Duarte, L. E., Morales-Rios, M. S. & Joseph-Nathan, P. (2015). Formal synthesis of (-)-flustramine B and its absolute configuration assignment by vibrational circular dichroism exciton chirality. [Tetrahedron: Asymmetry](#), 26(14), 710-720.
- 132 Abreu, A. G., Barbosa, A. S., Elias, W. P. et al. (2015). The Serine Protease Pic From Enteroaggregative Escherichia coli Mediates Immune Evasion by the Direct Cleavage of Complement Proteins. [The Journal of Infectious Diseases](#), 212(1), 106-115.
- 133 Buendia-Jimenez, J. A., Munoz-Guanan, M. A., Vega-Lopez, M. A., Cuenca-Verde, C., Martinez-Labat, J. P., Cuellar-Ordaz, J. A. & Alba-Hurtado, F. (2015). Partial Protection and Abomasal Cytokine Expression in Sheep Experimentally Infected With Haemonchus Contortus and Pre-Treated With Taenia Hydatigena Vesicular Concentrate. [Veterinary Parasitology](#), 211(1-2), 60-66.
- 134 Nakamura-Lopez, Y., Villegas-Sepulveda, N. & Gomez, B. (2015). Rsv P-Protein Impairs Extrinsic Apoptosis Pathway in a Macrophage-Like Cell Line Persistently Infected With Respiratory Syncytial Virus. [Virus Research](#), 204, 82-87.
- 135 Espinoza, D. L., Carranza, V. G., De Leon, F. C. P. & Martinez, A. M. (2015). Pst1: a Low-Cost Optical Simulator for Psychomotor Skills Training in Neuroendoscopy. [World Neurosurgery](#), 83(6), 1074-1079.
- 136 Chirino, R. & Gonzalez-Mariscal, G. (2015). Changes in Responsiveness to Kit Odours Across Pregnancy: Relevance for the Onset of Maternal Behaviour. [World Rabbit Science](#), 23(2), 103-109.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

- 137 Porter, R. M. & Shimauchi, H. (2015). A Numerical Algorithm for Solving the Beltrami Equation. [Aip Conference Proceedings](#), 1648, 440006.

138 Calderon-Gonzalez, K. G., Valero-Rustarazo, M. L., Labra-Barrios, M. L. et al. (2015). Data set of the protein expression profiles of Luminal A, Claudin-low and overexpressing HER2+ breast cancer cell lines by iTRAQ labelling and tandem mass spectrometry. [Data in Brief](#), 4, 292-301.

139 Gomez-Lim, M. A., Ortiz, D. M., Fernandez, F. & Loske, A. M. (2015). Transformation of Fungi Using Shock Waves. [Fungal Biology-U.S.](#), 1, 209-219.

*140 Kumar-Krishnan, S., Arias de Fuentes, O. L., Prokhorov, E., Mauricio-Sanchez, A., Oviedo-Mendoza, M. & Luna-Barcenas, G. (2015). Molecular relaxation of the side groups in poly(vinyl alcohol) films in GHz frequency range. [MRS Proceedings](#), 1767, 75-80.

ARTÍCULOS E – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

141 Tolomelli, A., Baiula, M., Viola, A., Ferrazzano, L., Gentilucci, L., Dattoli, S. D., Spampinato, S., Juaristi, E. & Escudero, M. (2015). Dehydro-Beta-Proline Containing Alpha(4)Beta(1) Integrin Antagonists: Stereochemical Recognition in Ligand-Receptor Interplay. [Acs Medicinal Chemistry Letters](#), 6(6), 701-706.

142 Merino, G. & Heine, T. (2015). The Chemical Bond. Two Volume Set. Edited by Gernot Frenking and Sason Shaik. [Angewandte Chemie, International Edition](#), 54(12), 3551-3553.

143 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2015). Measurement of Jet Multiplicity Distributions in T(T)Over-Bar Production in Pp Collisions at Root S = 7 Tev (Vol 74, 3014, 2014). [European Physical Journal C](#), 75(5), 216.

144 Kopf, A., Schnetzer, J., Glockner, F. O. et al. (2015). The ocean sampling day consortium. [GigaScience](#), 4, 27.

145 Velumani, S. (2015). Special Issue: Advances in Functional Semiconducting Materials (Int. Mat. Res. Cong.-2014). [Materials Science in Semiconductor Processing](#), 37, 1-2.

146 Wang, D., Yu, W. & Chai, T. (2015). Guest Editorial: Special issue on computational intelligence for industrial data processing and analysis. [Neurocomputing](#), 169, 358-360.

147 Basurto, E., Gonzalez-Flores, O. & Hoffman, K. L. (2015). Glycinamide prevents MK-801-induced hyperactivity and deficits in object recognition memory in an animal model of positive and cognitive symptoms of schizophrenia. [Schizophrenia Research](#), 166(1-3), 349-350.

148 Krzyzanowski, N., Porcar, L., Garg, S., Butler, P., Castro-Roman, F., Bautista, P. J. & Perez-Salas, U. (2015). Reply to the 'comment on "Cholesterol Solubility Limit in Lipid Membranes Probed by Small Angle Neutron Scattering and Md Simulations"' by R. Epand, *Soft Matter*, 2015, 11, Doi: 10.1039/C4sm02819h. [Soft Matter](#), 11(27), 5582-5584.

149 Duran-Flores, D. & Heil, M. (2015). Growth inhibition by self-DNA: a phenomenon and its multiple explanations. [The New Phytologist](#), 207(3), 482-485.

ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

150 Rodriguez-Leal, D., Leon-Martinez, G., Abad-Vivero, U. & Vielle-Calzada, J. (2015). Natural Variation in Epigenetic Pathways Affects the Specification of Female Gamete Precursors in Arabidopsis. [In Vitro Cellular & Developmental Biology-Animal](#), 51, S25.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

151 Leyva-Gomez, G., Cortes, H., Magana, J. J., Leyva-Garcia, N., Quintanar-Guerrero, D. & Floran, B. (2015). Nanoparticle technology for treatment of Parkinson's disease: the role of surface phenomena in reaching the brain. [Drug Discovery Today](#), 20(7), 824-837.

152 Davila-Velderrain, J., Alvarez-Buylla, E. R. & Martinez-Garcia, J. C. (2015). Modeling the epigenetic attractors landscape: toward a post-genomic mechanistic understanding of development. [Frontiers in Genetics](#), 6, 160.

*153 Sanchez-Villamil, J. & Navarro-Garcia, F. (2015). Role of Virulence Factors on Host Inflammatory Response Induced by Diarrheagenic Escherichia Coli Pathotypes. [Future Microbiology](#), 10(6), 1009-1033.

154 Soriano-Ursua, M. A., Trujillo-Ferrara, J. G., Arias-Montano, J. A. & Villalobos-Molina, R. (2015). Insights Into a Defined Secondary Binding Region on Beta-Adrenoceptors and Putative Roles in Ligand Binding and Drug Design. [Medchemcomm](#), 6(6), 991-1002.

Última actualización: Agosto 11, 2015 08:41 a.m.

ARTÍCULOS DEL MES DE AGOSTO DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Jimenez-Sanchez, A., Ortiz, B., Navarrete, V. O., Farfan, N. & Santillan, R. (2015). Two Fluorescent Schiff Base Sensors for Zn²⁺: the Zn²⁺/Cu²⁺ Ion Interference. [Analyst](#), 140(17), 6031-6039.
- 2 Clempner, J. B. & Poznyak, A. S. (2015). Computing the Strong Nash Equilibrium for Markov Chains Games. [Applied Mathematics and Computation](#), 265, 911-927.
- 3 Hernandez, D., Granados, C. G., Sanchez, E., Albericio, F. & Alvarez, M. (2015). Palladium-Catalyzed Coupling Reactions for the Preparation of Concatenated Azoles. [Arkivoc](#), (5), 34-43.
- 4 Heslop, J. K., Anthony, K. M. W., Sepulveda-Jauregui, A., Martinez-Cruz, K., Bondurant, A., Grosse, G. & Jones, M. C. (2015). Thermokarst Lake Methanogenesis Along a Complete Talik Profile. [Biogeosciences](#), 12(14), 4317-4331.
- 5 Martinez-Cruz, K., Sepulveda-Jauregui, A., Walter-Anthony, K. & Thalasso, F. (2015). Geographic and seasonal variation of dissolved methane and aerobic methane oxidation in Alaskan lakes. [Biogeosciences](#), 12, 4595-4606.
- 6 Arce-Rodriguez, M. L. & Ochoa-Alejo, N. (2015). Silencing At3 Gene Reduces the Expression of Pamt, Bcat, Kas, and Acl Genes Involved in Capsaicinoid Biosynthesis in Chili Pepper Fruits. [Biologia Plantarum](#), 59(3), 477-484.
- 7 Ayala-Sarmiento, A. E., Martinez-Fong, D. & Segovia, J. (2015). The Internalization of Neurotensin by the Low-Affinity Neurotensin Receptors (Ntsr2 and Vntsr2) Activates Erk 1/2 in Glioma Cells and Allows Neurotensin-Polyplex Transfection of Tgas1. [Cellular and Molecular Neurobiology](#), 35(6), 785-795.
- 8 Lopez-Perez, P. A., Cuevas-Ortiz, F. A., Gomez-Acata, R. V. & Aguilar-Lopez, R. (2015). Improving Bioethanol Production Via Nonlinear Controller With Noisy Measurements. [Chemical Engineering Communications](#), 202(11), 1438-1445.
- 9 Gonzalez-Santillan, E. & Prendini, L. (2015). Phylogeny of the North American Vaejovid Scorpion Subfamily Syntropinae Kraepelin, 1905, Based on Morphology, Mitochondrial and Nuclear Dna. [Cladistics](#), 31(4), 341-405.
- 10 Ledesma-Motolinia, M., Braibanti, M., Rojas-Ochoa, L. F. & Haro-Perez, C. (2015). Interplay between internal structure and optical properties of thermosensitive nanogels. [Colloids and Surfaces A: Physicochemical and Engineering Aspects](#), 482, 724-727.
- 11 Angulo-Sherman, I. N. & Gutierrez, D. (2015). A Link Between the Increase in Electroencephalographic Coherence and Performance Improvement in Operating a Brain-Computer Interface. [Computational Intelligence and Neuroscience](#), 2015, 824175.

- 12 Santana-Gomez, C. E., Alcantara-Gonzalez, D., Luna-Munguia, H., Banuelos-Cabrera, I., Magdaleno-Madrigal, V., Fernandez-Mas, R., Besio, W. & Rocha, L. (2015). Transcranial Focal Electrical Stimulation Reduces the Convulsive Expression and Amino Acid Release in the Hippocampus During Pilocarpine-Induced Status Epilepticus in Rats. [Epilepsy & Behavior](#), 49, 33-39.
- 13 Lagomasino, D., Price, R. M., Herrera-Silveira, J., Miralles-Wilhelm, F., Merediz-Alonso, G. & Gomez-Hernandez, Y. (2015). Connecting Groundwater and Surface Water Sources in Groundwater Dependent Coastal Wetlands and Estuaries: Sian Ka'an Biosphere Reserve, Quintana Roo, Mexico. [Estuaries and Coasts](#), 38(5), 1744-1763.
- 14 Matos, T. & Gomez, E. (2015). Space-Time Curvature Signatures in Bose-Einstein Condensates. [European Physical Journal D](#), 69(5), 125.
- 15 Kumar-Krishnan, S., Prokhorov, E., Hernandez-Iturriaga, M., Mota-Morales, J. D., Vazquez-Lepe, M., Kovalenko, Y., Sanchez, I. C. & Luna-Barcenas, G. (2015). Chitosan/Silver Nanocomposites: Synergistic Antibacterial Action of Silver Nanoparticles and Silver Ions. [European Polymer Journal](#), 67, 242-251.
- 16 Villa-Ruano, N., Pacheco-Hernandez, Y., Rubio-Rosas, E., Lozoya-Gloria, E., Mosso-Gonzalez, C., Ramon-Canul, L. G. & Cruz-Duran, R. (2015). Essential Oil Composition and Biological/Pharmacological Properties of *Salmea scandens* (L.) Dc. [Food Control](#), 57, 177-184.
- 17 Guo, F. G., Ortega-Pierres, G., Arguello-Garcia, R., Zhang, H. L. & Zhu, G. (2015). Giardia Fatty Acyl-Coa Synthetases as Potential Drug Targets. [Frontiers in Microbiology](#), 6, 753.
- 18 Martinez-Espinosa, R., Arguello-Garcia, R., Saavedra, E. & Ortega-Pierres, G. (2015). Albendazole Induces Oxidative Stress and Dna Damage in the Parasitic Protozoan *Giardia Duodenalis*. [Frontiers in Microbiology](#), 6, 800.
- 19 Barraza, A., Cabrera-Ponce, J. L., Gamboa-Becerra, R., Luna-Martinez, F., Winkler, R. & Alvarez-Venegas, R. (2015). The *Phaseolus Vulgaris* Pvtrx1h Gene Regulates Plant Hormone Biosynthesis in Embryogenic Callus From Common Bean. [Frontiers in Plant Science](#), 6, 577.
- 20 Toscano-Morales, R., Xoconostle-Cazares, B., Cabrera-Ponce, J. L., Hinojosa-Moya, J., Ruiz-Salas, J. L., Galvan-Gordillo, S. V., Guevara-Gonzalez, R. G. & Ruiz-Medrano, R. (2015). Attcp2, an Arabidopsis Thaliana Homolog of Translationally Controlled Tumor Protein, Enhances in Vitro Plant Regeneration. [Frontiers in Plant Science](#), 6, 468.
- 21 Gonzalez, A. & Torruco, D. (2015). Distribution of Macroalgae in the Banco Chinchorro Reef Lagoon: Coral Reef of the Mexican Caribbean. [Gayana Botanica](#), 72(1), 114-124.
- 22 Osorio, R., Vazquez, D., Lopez, I., Pena, M., Savage, J. & Lefranc, G. (2015). System Administration and Monitoring Moving Objects Using Mobile Devices. [IEEE Latin America Transactions](#), 13(6), 1934-1939.

- 23 Pena, M., Gomez, J. A., Osorio, R., Lopez, I., Lomas, V., Gomez, H. & Lefranc, G. (2015). Fuzzy Logic for Omnidirectional Mobile Platform Control Displacement Using Fpga and Bluetooth Communication Devices. [IEEE Latin America Transactions](#), 13(6), 1907-1914.
- 24 Rodriguez, A. E., Luna, R., Perez, J. R., Torres, J., Dominguez, A., Sira, H. & Castro, R. (2015). Robust Control for Cultivation of Microorganisms in a High Density Fed-Batch Bioreactor. [IEEE Latin America Transactions](#), 13(6), 1927-1933.
- 25 Carreon, A., Baltazar, A. & Kim, J. Y. (2015). Determination of Contact Evolution on a Soft Hemispherical Probe Using Ultrasound. [IEEE Sensors Journal](#), 15(9), 5303-5311.
- 26 Chakraborty, D., Mancillas-Lopez, C. & Sarkar, P. (2015). Stes: a Stream Cipher Based Low Cost Scheme for Securing Stored Data. [IEEE Transactions on Computers](#), 64(9), 2691-2707.
- 27 Rivera-Dominguez, J. (2015). Discrete-Time Modeling and Control of Induction Motors by Means of Variational Integrators and Sliding Modes-Part I: Mathematical Modeling. [IEEE Transactions on Industrial Electronics](#), 62(9), 5393-5401.
- 28 Barocio, E., Pal, B. C., Thornhill, N. F. & Messina, A. R. (2015). A Dynamic Mode Decomposition Framework for Global Power System Oscillation Analysis. [IEEE Transactions on Power Systems](#), 30(6), 2902-2912.
- 29 Escobar, J. & Poznyak, A. (2015). Benefits of Variable Structure Techniques for Parameter Estimation in Stochastic Systems Using Least Squares Method and Instrumental Variables. [International Journal of Adaptive Control and Signal Processing](#), 29(8), 1038-1054.
- 30 Hernandez-Lopez, A., Torres-Huitzil, C. & Garcia-Hernandez, J. J. (2015). Fpga-Based Flexible Hardware Architecture for Image Interest Point Detection. [International Journal of Advanced Robotic Systems](#), 12, 93.
- 31 Trejo, K. K., Clempner, J. B. & Poznyak, A. S. (2015). Computing the Stackelberg/Nash Equilibria Using the Extraproximal Method: Convergence Analysis and Implementation Details for Markov Chains Games. [International Journal of Applied Mathematics and Computer Science](#), 25(2), 337-351.
- 32 c (2015). Solution Processable P3ht/Cds Hybrid Solar Cells With Different Layer Configurations. [International Journal of Electrochemical Science](#), 10(7), 5614-5623.
- 33 Rangel-Valdez, N., Barron-Zambrano, J. H., Torres-Huitzil, C. & Torres-Jimenez, J. (2015). An Efficient Fpga Architecture for Integer Nth Root Computation. [International Journal of Electronics](#), 102(10), 1675-1694.
- 34 Aguilar-Ibanez, C., Mendoza-Mendoza, J. A., Martinez, J. C., De Jesus Rubio, J. & Suarez-Castanon, M. S. (2015). A Limit Set Stabilization by Means of the Port Hamiltonian System Approach. [International Journal of Robust and Nonlinear Control](#), 25(12), 1739-1750.
- 35 Bermejo, I., Garcia-Marco, I. & Reyes, E. (2015). Graphs and Complete Intersection Toric Ideals. [Journal of Algebra and Its Applications](#), 14(9), 1540011.

- 36 Diaz-Guillen, J. A., Dura, O. J., Diaz-Guillen, M. R., Bauer, E., Lopez-De la Torre, M. A. & Fuentes, A. F. (2015). Thermophysical properties of Gd₂Zr₂O₇ powders prepared by mechanical milling: Effect of homovalent Gd³⁺ substitution. [Journal of Alloys and Compounds](#), 649, 1145-1150.
- 37 Galvez-Barboza, S., Gonzalez, L. A., Puente-Urbina, B. A., Saucedo-Salazar, E. M. & Garcia-Cerda, L. A. (2015). Preparation and Characterization of Ce-Doped HfO₂ Nanoparticles. [Journal of Alloys and Compounds](#), 643, S62-S66.
- 38 Hernandez-Morales, A., Arvizu-Gomez, J. L., Carranza-Alvarez, C., Gomez-Luna, B. E., Alvarado-Sanchez, B., Ramirez-Chavez, E. & Molina-Torres, J. (2015). Larvicidal Activity of Affinin and Its Derived Amides From *Heliopsis longipes* A. Gray Blake Against *Anopheles albimanus* and *Aedes aegypti*. [Journal of Asia-Pacific Entomology](#), 18(2), 227-231.
- 39 Escobedo-Sanchez, M. A., De La Cruz-Burelo, H. A., Arauz-Lara, J. L., Haro-Perez, C. & Rojas-Ochoa, L. F. (2015). Study of Translational and Rotational Dynamics of Birefringent Colloidal Particles by Depolarized Light Scattering in the Far- and Near-Field Regimes. [Journal of Chemical Physics](#), 143(4), 044902.
- 40 Franco-Perez, M., Gazquez, J. L. & Vela, A. (2015). Electronic Chemical Response Indexes at Finite Temperature in the Canonical Ensemble. [Journal of Chemical Physics](#), 143(2), 024112.
- 41 Ortega-Pierres, G., Vaquero-Vera, A., Fonseca-Linan, R., Bermudez-Cruz, R. M. & Arguello-Garcia, R. (2015). Induction of Protection in Murine Experimental Models Against *Trichinella spiralis*: an up-to-Date Review. [Journal of Helminthology](#), 89(5), 526-539.
- 42 Abelev, B., Adam, J., Adamova, D. et al. (2015). Elliptic Flow of Identified Hadrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. [Journal of High Energy Physics](#), (6), 190.
- 43 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Inclusive, Prompt and Non-Prompt J/Psi Production at Mid-Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. [Journal of High Energy Physics](#), (7), 51.
- 44 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for the Production of Dark Matter in Association With Top-Quark Pairs in the Single-Lepton Final State in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [Journal of High Energy Physics](#), (6), 121.
- 45 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Third-Generation Scalar Leptoquarks in the T Tau Channel in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [Journal of High Energy Physics](#), (7), 42.
- 46 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Searches for Third-Generation Squark Production in Fully Hadronic Final States in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [Journal of High Energy Physics](#), (6), 116.
- 47 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Performance of Electron Reconstruction and Selection With the Cms Detector in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [Journal of Instrumentation](#), 10, P06005.

- 48 Kumar-Krishnan, S., Prokhorov, E., De Fuentes, O. A., Ramirez, M., Bogdanchikova, N., Sanchez, I. C., Mota-Morales, J. D. & Luna-Barcenas, G. (2015). Temperature-Induced Au Nanostructure Synthesis in a Nonaqueous Deep-Eutectic Solvent for High Performance Electrocatalysis. [Journal of Materials Chemistry a](#), 3(31), 15869-15875.
- 49 Jimenez-Perez, V. M., Garcia-Lopez, M. C., Munoz-Flores, B. M. et al. (2015). New Application of Fluorescent Organotin Compounds Derived From Schiff Bases: Synthesis, X-Ray Structures, Photophysical Properties, Cytotoxicity and Fluorescent Bioimaging. [Journal of Materials Chemistry B](#), 3(28), 5731-5745.
- 50 Aguilar-Gama, M. T., Ramirez-Morales, E., Montiel-Gonzalez, Z., Mendoza-Galvan, A., Sotelo-Lerma, M., Nair, P. K. & Hu, H. L. (2015). Structure and Refractive Index of Thin Alumina Films Grown by Atomic Layer Deposition. [Journal of Materials Science-Materials in Electronics](#), 26(8), 5546-5552.
- 51 Chacon, C., Rodriguez-Perez, M., Oskam, G. & Rodriguez-Gattorno, G. (2015). Synthesis and Characterization of W_3O_8 Polymorphs: Monoclinic, Orthorhombic and Hexagonal Structures. [Journal of Materials Science-Materials in Electronics](#), 26(8), 5526-5531.
- 52 Kathalingam, A., Park, H. C., Kim, S. D., Kim, H. S., Velumani, S. & Mahalingam, T. (2015). Synthesis of ZnO Nanorods Using Different Precursor Solutions and Their Two Terminal Device Characterization. [Journal of Materials Science-Materials in Electronics](#), 26(8), 5724-5734.
- 53 Kravchenko, V. V., Torba, S. M. & Velasco-Garcia, U. (2015). Spectral Parameter Power Series for Sturm-Liouville Equations With a Potential Polynomially Dependent on the Spectral Parameter and Zakharov-Shabat Systems. [Journal of Mathematical Physics](#), 56(7), 073508.
- 54 Rios-Alvarado, A. B., Lopez-Arevalo, I., Tello-Leal, E. & Sosa-Sosa, V. J. (2015). An Approach for Learning Expressive Ontologies in Medical Domain. [Journal of Medical Systems](#), 39(8), 75.
- 55 Labra-Vazquez, P., Lugo-Aranda, A. Z., Maldonado-Dominguez, M., Arcos-Ramos, R., Carreon-Castro, M. P., Santillan, R. & Farfan, N. (2015). On the molecular structure of (E)-3-(9H-fluoren-2-yl)-1-(pyridin-2-yl)prop-2-en-1-one, theoretical calculations and SXRD studies. [Journal of Molecular Structure](#), 1101, 116-123.
- 56 Garcia-Lara, L., Perez-Severiano, F., Gonzalez-Esquivel, D., Elizondo, G. & Segovia, J. (2015). Absence of Aryl Hydrocarbon Receptors Increases Endogenous Kynurenic Acid Levels and Protects Mouse Brain Against Excitotoxic Insult and Oxidative Stress. [Journal of Neuroscience Research](#), 93(9), 1423-1433.
- 57 De La Cruz-Cruz, J. I. & Paz-Sandoval, M. A. (2015). Ruthenium Complexes Containing Hexamethylbenzene and Butadienesulfonyl Ligands: Synthesis and Reactivity Toward Co, Nitrogen and Phosphine Ligands. [Journal of Organometallic Chemistry](#), 791, 107-118.
- 58 Sarmiento-Alvarado, I. A., Bouzas, A. O. & Larios, F. (2015). Analysis of Top-Quark Charged-Current Coupling at the Lhec. [Journal of Physics G-Nuclear and Particle Physics](#), 42(8), 085001.

- 59 Bernal, J. & Torres-Jimenez, J. (2015). Sagrad: a Program for Neural Network Training With Simulated Annealing and the Conjugate Gradient Method. [Journal of Research of the National Institute of Standards and Technology](#), 120, 113-128.
- 60 Rodriguez-Hernandez, M. G., Jimenez, O., Alvarado-Hernandez, F., Flores, M., Andrade, E., Canto, C. E., Avila, C. & Espinoza-Beltran, F. (2015). The Effect of C Content on the Mechanical Properties of Ti-Zr Coatings. [Journal of the Mechanical Behavior of Biomedical Materials](#), 49, 269-276.
- 61 Leyva-Gonzalez, K. A., Deaquino-Lara, R., Pourjafari, D., Martinez-Sanchez, R., Hernandez-Rodriguez, M. A. L. & Garcia-Sanchez, E. (2015). Calorimetry Study of the Precipitation in an Al7075-Graphite Composite Fabricated by Mechanical Alloying and Hot Extrusion. [Journal of Thermal Analysis and Calorimetry](#), 121(2), 589-595.
- 62 Broitman, E. & Flores-Ruiz, F. J. (2015). Novel Method for in-Situ and Simultaneous Nanofriction and Nanowear Characterization of Materials. [Journal of Vacuum Science & Technology a](#), 34(4), 043201.
- 63 Thenozhi, S. & Yu, W. (2015). Active Vibration Control of Building Structures Using Fuzzy Proportional-Derivative/Proportional-Integral-Derivative Control. [Journal of Vibration and Control](#), 21(12), 2340-2359.
- 64 Ramirez-Ruiz, M. A., Sima-Alvarez, R., Torres-Irineo, E. & Rodriguez-Canul, R. (2015). Implementation of the Mixed Linear Models in Experimental Infections With Wssv in the Withe Shrimp *Litopenaeus Vannamei*. [Latin American Journal of Aquatic Research](#), 43(3), 557-565.
- 65 Orona-Tamayo, D., Valverde, M. E., Nieto-Rendon, B. & Paredes-Lopez, O. (2015). Inhibitory Activity of Chia (*Salvia Hispanica L.*) Protein Fractions Against Angiotensin I-Converting Enzyme and Antioxidant Capacity. [Lwt-Food Science and Technology](#), 64(1), 236-242.
- 66 Hernandez-Landa, R. C., Acosta-Gonzalez, G., Nunez-Lara, E. & Arias-Gonzalez, J. E. (2015). Spatial Distribution of Surgeonfish and Parrotfish in the North Sector of the Mesoamerican Barrier Reef System. [Marine Ecology-an Evolutionary Perspective](#), 36(3), 432-446.
- 67 Jayaraman, V. K., Alvarez, A. M. & Amador, M. D. O. (2015). A Simple and Cost-Effective Zinc Oxide Thin Film Sensor for Propane Gas Detection. [Materials Letters](#), 157, 169-171.
- 68 Ferreira, G., Hernandez-Martinez, A. R., Pool, H., Molina, G., Cruz-Soto, M., Luna-Barcenas, G. & Estevez, M. (2015). Synthesis and functionalization of silica-based nanoparticles with fluorescent biocompounds extracted from *Eysenhardtia polystachya* for biological applications. [Materials Science and Engineering: C](#), 57, 49-57.
- 69 Zapata-Torres, M., Hernandez-Rodriguez, E., Mis-Fernandez, R., Melendez-Lira, M., Calzadilla-Amaya, O., Bahena, D., Rejon, V. & Pena, J. L. (2015). Visible and infrared photocatalytic activity of TiOx thin films prepared by reactive sputtering. [Materials Science in Semiconductor Processing](#), 40, 720-726.

- 70 Perez-Andrade, R., Torres-Huitzil, C. & Cumplido, R. (2015). Processor arrays generation for matrix algorithms used in embedded platforms implemented on FPGAs. [Microprocessors and Microsystems](#), 39(7), 576-588.
- 71 Fernandez-Rojas, B., Rodriguez-Rangel, D. S., Granados-Castro, L. F. et al. (2015). C-Phycocyanin Prevents Cisplatin-Induced Mitochondrial Dysfunction and Oxidative Stress. [Molecular and Cellular Biochemistry](#), 406(1-2), 183-197.
- 72 Britto-Hurtado, R., Cortez-Valadez, M., Alvarez, R. A. B. et al. (2015). Green Synthesis and Radial Breathing Modes in Ti Nanoparticles. [Nano](#), 10(5), 1550069.
- 73 Sanchez-Garcia, M. A., Bokhimi, X., Maldonado-Alvarez, A. & Jimenez-Gonzalez, A. E. (2015). Effect of Anatase Synthesis on the Performance of Dye-Sensitized Solar Cells. [Nanoscale Research Letters](#), 10, 306.
- 74 Munoz, M. A., San-Martin, A. & Joseph-Nathan, P. (2015). Vibrational Circular Dichroism Absolute Configuration of 9,12-Cyclomulin-13-Ol, a Diterpene From Azorella and Laretia Species. [Natural Product Communications](#), 10(8), 1343-1344.
- 75 Barron-Zambrano, J. H., Torres-Huitzil, C. & Girau, B. (2015). Perception-driven adaptive CPG-based locomotion for hexapod robots. [Neurocomputing](#), 170, 63-78.
- 76 Rostro-Gonzalez, H., Cerna-Garcia, P. A., Trejo-Caballero, G., Garcia-Capulin, C. H., Ibarra-Manzano, M. A., Avina-Cervantes, J. G. & Torres-Huitzil, C. (2015). A CPG system based on spiking neurons for hexapod robot locomotion. [Neurocomputing](#), 170, 47-54.
- 77 Leblanc, L. J., Jimenez-Garcia, K., Williams, R. A., Beeler, M. C., Phillips, W. D. & Spielman, I. B. (2015). Gauge Matters: Observing the Vortex-Nucleation Transition in a Bose Condensate. [New Journal of Physics](#), 17, 065016.
- 78 Talapatra, A., Arroyave, R., Entel, P., Valencia-Jaime, I. & Romero, A. H. (2015). Stability Analysis of the Martensitic Phase Transformation in Co₂NiGa Heusler Alloy. [Physical Review B](#), 92(5), 054107.
- 79 Ayon-Beato, E., Hassaine, M. & Mendez-Zavaleta, J. A. (2015). (Super-)Renormalizably Dressed Black Holes. [Physical Review D](#), 92(2), 024048.
- 80 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Constraints on the Spin-Parity and Anomalous H $\nu\nu$ Couplings of the Higgs Boson in Proton Collisions at 7 and 8 Tev. [Physical Review D](#), 92(1), 012004.
- 81 Kosmas, T. S., Miranda, O. G., Papoulias, D. K., Tortola, M. & Valle, J. W. F. (2015). Probing Neutrino Magnetic Moments at the Spallation Neutron Source Facility. [Physical Review D](#), 92(1), 013011.
- 82 Montiel, A., Breton, N., Cordero, R. & Rojas, E. (2015). Possible Geometrical Origin of the Accelerated Expansion of the Universe. [Physical Review D](#), 92(2), 024042.

- 83 Sigalotti, L. D., Troconis, J., Sira, E., Pena-Polo, F. & Klapp, J. (2015). Smoothed Particle Hydrodynamics Simulations of Evaporation and Explosive Boiling of Liquid Drops in Microgravity. [Physical Review E](#), 92(1), 013021.
- 84 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Measurement of the Effective Weak Mixing Angle in $P(\bar{P}) \rightarrow Z/\gamma^* \rightarrow E^+E^-$ Events. [Physical Review Letters](#), 115(4), 041801.
- 85 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Pair-Produced Resonances Decaying to Jet Pairs in Proton-Proton Collisions at Root $\sqrt{s}=8$ Tev. [Physics Letters B](#), 747, 98-119.
- 86 Alvarez-Sandoval, B. A., Manzanilla, L. R., Gonzalez-Ruiz, M., Malgosa, A. & Montiel, R. (2015). Genetic Evidence Supports the Multiethnic Character of Teopanaczo, a Neighborhood Center of Teotihuacan, Mexico (Ad 200-600). [Plos One](#), 10(7), e0132371.
- 87 Campos-Navarrete, M. J., Abdala-Roberts, L., Munguia-Rosas, M. A. & Parra-Tabla, V. (2015). Are Tree Species Diversity and Genotypic Diversity Effects on Insect Herbivores Mediated by Ants? [Plos One](#), 10(8), e0132671.
- 88 Guerrero-Moreno, N., Cisneros-Molina, M., Gervasio, D. & Perez-Robles, J. F. (2015). Approaches to polymer electrolyte membrane fuel cells (PEMFCs) and their cost. [Renewable and Sustainable Energy Reviews](#), 52, 897-906.
- 89 Uribe-Campero, L., Monroy-Garcia, A., Duran-Meza, A. L., Villagrana-Escareto, M. V., Ruiz-Garcia, J., Hernandez, J., Nuñez-Palenius, H. G. & Gomez-Lim, M. A. (2015). Plant-based porcine reproductive and respiratory syndrome virus VLPs induce an immune response in mice. [Research in Veterinary Science](#), 102, 59-66.
- 90 Velazquez-Abunader, I., Gomez-Muñoz, V. M., Salas, S. & Ruiz-Velazco, M. J. (2015). Inter-cohort growth of three tropical resources: tilapia, octopus and lobster. [Revista de Biología Tropical](#), 63(3), 617-627.
- 91 Raygosa-Barahona, R., Olguin-Diaz, E., Parra-Vega, V. & Munoz-Ubando, L. A. (2015). Model Free Control Based on Integral Sliding Modes for Underactuated Underwater Robots. [Revista Iberoamericana De Automatica E Informatica Industrial](#), 12(3), 313-324.
- 92 Villegas-Sanchez, C. A., Lara-Arenas, J. H., Castro-Perez, J. M. & Arias-Gonzalez, J. E. (2015). Recruitment Patterns of 4 Fish Species in Spur and Patch Habitats at Chinchorro Bank Reef (Mexican Caribbean). [Revista Mexicana De Biodiversidad](#), 86(2), 396-405.
- 93 De Los Rios-Deras, G. C., Rutiaga-Quinones, O. M., Lopez-Miranda, J., Paez-Lerma, J. B., Lopez, M. & Soto-Cruz, N. O. (2015). Improving Agave Duranguensis Must for Enhanced Fermentation. C/N Ratio Effects on Mezcal Composition and Sensory Properties. [Revista Mexicana De Ingenieria Quimica](#), 14(2), 363-371.

- 94 Jimenez-Perez, J. L., Lopez-Gamboa, G., Cruz-Orea, A. & Correa-Pacheco, Z. N. (2015). Thermal Parameters Study of Biodiesel Containing Au Nanoparticles Using Photothermal Techniques. [Revista Mexicana De Ingenieria Quimica](#), 14(2), 481-487.
- 95 Ledezma-Oblea, J. G., Morales-Sanchez, E., Gaytan-Martinez, M., Figueroa-Cardenas, J. D. & Gaona-Sanchez, V. A. (2015). Corn Starch Nanofilaments Obtained by Electrospinning. [Revista Mexicana De Ingenieria Quimica](#), 14(2), 497-502.
- 96 Morales-Diaz, A., Vazquez-Sandoval, A. D. & Carlos-Hernandez, S. (2015). Analysis and Control of a Distributed Parameter Reactor for Pyrolysis of Wood. [Revista Mexicana De Ingenieria Quimica](#), 14(2), 543-552.
- 97 Couder-Castaneda, C., Barrios-Pina, H., Gitler, I. & Arroyo, M. (2015). Performance of a Code Migration for the Simulation of Supersonic Ejector Flow to Smp, Mic, and Gpu Using Openmp, Openmp Plus Leo, and Openacc Directives. [Scientific Programming](#), 2015, 739107.
- 98 Ibanez, F., Baltazar, A. & Mijarez, R. (2015). Detection of Damage in Multiwire Cables Based on Wavelet Entropy Evolution. [Smart Materials and Structures](#), 24(8), 085036.
- 99 Donis-Maturano, L., Sanchez-Torres, L. E., Cerbulo-Vazquez, A. et al. (2015). Prolonged Exposure to Neutrophil Extracellular Traps Can Induce Mitochondrial Damage in Macrophages and Dendritic Cells. [Springerplus](#), 4(1), 161.
- 100 Diaz-Guillen, J. C., Vargas-Gutierrez, G., Granda-Gutierrez, E. E., Gonzalez, M. A., Diaz-Guillen, J. A. & Alvarez-Contreras, L. (2015). Effects of Pulse Length on Low Frequency Plasma Nitrided 316L Steels. [Surface Engineering](#), 31(8), 623-627.
- 101 Trevino, S., Aguilar-Alonso, P., Hernandez, J. A. F. et al. (2015). A High Calorie Diet Causes Memory Loss, Metabolic Syndrome and Oxidative Stress Into Hippocampus and Temporal Cortex of Rats. [Synapse](#), 69(9), 421-433.
- 102 Gallegos, J. A., Duarte-Mermoud, M. A., Aguila-Camacho, N. & Castro-Linares, R. (2015). On fractional extensions of Barbalat Lemma. [Systems & Control Letters](#), 84, 7-12.
- 103 Martinez-Campos, V., Martinez-Vega, P., Ramirez-Sierra, M. J. et al. (2015). Expression, purification, immunogenicity, and protective efficacy of a recombinant Tc24 antigen as a vaccine against Trypanosoma cruzi infection in mice. [Vaccine](#), 33(36), 4505-4512.
- 104 Maldonado-Reyes, A., Montero-Ocampo, C., Medina-Garcia, J., Bolado-Rodriguez, S., Alvarez-Benedi, J., Herrera-Vazquez, A. & Castano, V. M. (2015). Electro Coagulation Removal of As From Water: the Role of Phases Formation. [Water Air and Soil Pollution](#), 226(8), 249.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

- 105 Coello, C. A. C. (2015). Multi-Objective Evolutionary Algorithms in Real-World Applications: Some Recent Results and Current Challenges. [Computational Methods in Applied Sciences](#), 36, 3-18.
- 106 Rodriguez Cahuantzia, M. (2015). Analysis of Cosmic-Ray Events With Alice at Lhc. [Epi Web of Conferences](#), 99, 08005.
- 107 Banuelos-Cabral, E. S., Gutierrez-Robles, J. A. & Naredo-Villagran, J. L. (2015). Identificacion De Parametros Con Metodos Numericos Para El Modelado De Sistemas Electricos Con Dependencia Frecuencial. [Ingenieria Energetica](#), 36(2), 155-167.
- 108 Yee, A. & Alvarado, M. (2015). Mathematical Modeling and Analysis of Learning Techniques for the Game of Go. [International Journal of Mathematical Models and Methods in Applied Sciences](#), 9, 293-302.
- 109 Bermudez, D. & Fernandez, D. J. (2015). A Connection Between Supersymmetric Quantum Mechanics and Painleve V Equation. [Journal of Physics: Conference Series](#), 624, 012012.
- 110 Chryssomalakos, C., Hernandez-Coronado, H. & Serrano-Ensastiga, E. (2015). Quantum Self-Controlling Free-Falling Cats. [Journal of Physics: Conference Series](#), 624, 012007.
- 111 Corral, G. H. (2015). Diffractive Physics With Alice at the Lhc: the Control of Quantum Collisions. [Journal of Physics: Conference Series](#), 624, 012008.
- 112 Diaz-Baustista, E. & Fernandez, D. J. (2015). Supercoherent States Approach to the Susy Harmonic Oscillator. [Journal of Physics: Conference Series](#), 624, 012014.
- 113 Enrique, M. (2015). Hubbard Operators in Multiqubit Systems. [Journal of Physics: Conference Series](#), 624, 012019.
- 114 Fernandez, D. J. & Gonzalez, J. C. (2015). Susy Partners of the Complex Oscillator and Painleve Iv Equation. [Journal of Physics: Conference Series](#), 624, 012015.
- 115 Fernandez, D. J. & Morales-Salgado, V. S. (2015). Truncated Harmonic Oscillator and Painleve Iv and V Equations. [Journal of Physics: Conference Series](#), 624, 012017.
- 116 Jaimes-Najera, A. (2015). Remarks on the Probability of Finding a Particle in the Interaction Zone of a Scattering Process. [Journal of Physics: Conference Series](#), 624, 012020.
- 117 Lozano, O., Lison, D., Escamilla-Rivera, V., Mejia, J., Toussaint, O., Dogne, J. M. & Lucas, S. (2015). The Impact of Instilled Carbide Nanoparticles on Rat Lungs: an in Vivo Perspective on Acute Intratracheal Instillation. [Journal of Physics: Conference Series](#), 617, 012017.
- 118 Morales-Luna, G. (2015). Quantum Communication Protocols Based on Entanglement Swapping. [Journal of Physics: Conference Series](#), 624, 012003.

119 Quintana, C. & Rosas-Ortiz, O. (2015). Note on the Quantum Correlations of Two Qubits Coupled to Photon Baths. [Journal of Physics: Conference Series](#), 624, 012004.

120 Torres-Vega, G. (2015). Conjugate States to the Energy Eigenstates: the Continuous Energy Spectrum Case. [Journal of Physics: Conference Series](#), 624, 012005.

121 Bazan, I., Ramos, A., Ramirez, A. & Leija, L. (2015). Ultrasonic Thermometry Inside Tissues Based on High-Resolution Detection of Spectral Shifts in Overtones of Scattering Signals. [Physics Procedia](#), 63, 158-162.

122 Enrique-Zarate, J., Abundis-Fong, H. F. & Silva-Navarro, G. (2015). Passive Vibration Control in a Building-Like Structure Using a Tuned-Mass-Damper and an Autoparametric Cantilever Beam Absorber. [Proceedings of Spie](#), 9431, 94312Z.

123 Garcia-Perez, O. A., Silva-Navarro, G., Peza-Solis, J. F. & Trujillo-Franco, L. G. (2015). Trajectory Tracking and Vibration Control in a Space Frame Flexible Structure With a Pzt Stack Actuator. [Proceedings of Spie](#), 9431, 943136.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

124 Calderon-Gonzalez, K. G., Rustarazo, M. L. V., Labra-Barrios, M. L. et al. (2015). Corrigendum to "Determination of the protein expression profiles of breast cancer cell lines by quantitative proteomics using iTRAQ labelling and tandem mass spectrometry" [Journal of Proteomics 124 (2015) 50-78.]. [Journal of Proteomics](#), 126, 312.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

125 Montejo-Lopez, W., Rivera-Ramirez, N., Escamilla-Sanchez, J., Garcia-Hernandez, U. & Arias-Montano, J. A. (2015). Activation of Endogenous Purinergic Receptors Induces Pkc-Mediated Desensitization of Human Histamine H-3 Receptors Expressed in Cho-K1 Cells. [Inflammation Research](#), 64, S36-S37.

126 Rivera-Ramirez, N., Montejo-Lopez, W., Escamilla-Sanchez, J., Garcia-Hernandez, U. & Arias-Montano, J. A. (2015). Effect of Histamine H-3 Receptor Activation on the Intracellular Concentration of Calcium Ions in Rat Striatal and Pallidal Synaptosomes and Striatal Neurons in Primary Culture. [Inflammation Research](#), 64, S34.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

127 Leon-Sicairos, N., Angulo-Zamudio, U. A., De La Garza, M., Velazquez-Roman, J., Flores-Villasenor, H. M. & Canizalez-Roman, A. (2015). Strategies of Vibrio Parahaemolyticus to Acquire Nutritional Iron During Host Colonization. [Frontiers in Microbiology](#), 6, 702.

128 Baez, I. L., Salas, C. A. P., Saldana, J. M. & Martinez, L. G. T. (2015). Effects of the Modification of Processing Parameters on Mechanical Properties of Hvof Cr₂c₃-25nicr Coatings. [Journal of Thermal Spray Technology](#), 24(6), 938-946.

Última actualización: Marzo 24, 2017 11:13 a.m.



ARTÍCULOS DEL MES DE SEPTIEMBRE DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Palomo-Molina, J., Garcia-Baez, E. V., Contreras, R., Pineda-Urbina, K. & Ramos-Organillo, A. (2015). Aminosilanes Derived From 1h-Benzimidazole-2(3h)-Thione. [Acta Crystallographica Section C-Structural Chemistry](#), 71, 788-792.
- 2 Gonzalez-Robles, A., Chavez-Munguia, B., Salazar-Villatoro, L., Lagunes-Guillen, A., Hernandez-Ramirez, V. I., Talamas--Rohana, P. & Martinez-Palomo, A. (2015). Surface Coat Differences Between Invasive Entamoeba Histolytica and Non-Invasive Entamoeba Dispar. [Acta Protozoologica](#), 54(3), 209-218.
- 3 Cruz y Cruz, S. & Rosas-Ortiz, O. (2015). Leaky modes of waveguides as a classical optics analogy of quantum resonances. [Advances in Mathematical Physics](#), 2015, 281472.
- 4 Aguilar-Sierra, H., Yu, W., Salazar, S. & Lopez, R. (2015). Design and Control of Hybrid Actuation Lower Limb Exoskeleton. [Advances in Mechanical Engineering](#), 7(6), 1-13.
- 5 Acosta-Humanez, P., Esmeral, K. & Ferrer, O. (2015). Frames of Subspaces in Hilbert Spaces With W-Metrics. [Analele Stiintifice Ale Universitatii Ovidius Constanta-Seria Matematica](#), 23(2), 5-22.
- 6 Correa-Pacheco, Z. N., Jimenez-Perez, J. L., Sabino, M. A., Cruz-Orea, A. & Loaiza, M. (2015). Photothermal and Morphological Characterization of Pla/Pcl Polymer Blends. [Applied Physics a-Materials Science & Processing](#), 120(4), 1323-1329.
- 7 Hussain, S. Q., Kwon, G. D., Ahn, S. et al. (2015). Light Scattering Effect of Ito:Zr/Azo Films Deposited on Periodic Textured Glass Surface Morphologies for Silicon Thin Film Solar Cells. [Applied Physics a-Materials Science & Processing](#), 120(3), 823-828.
- 8 Bueno, D., Istamboulie, G., Munoz, R. & Marty, J. L. (2015). Determination of Mycotoxins in Food: a Review of Bioanalytical to Analytical Methods. [Applied Spectroscopy Reviews](#), 50(9), 728-774.
- 9 Hernandez-Mosqueira, C., Velez-delValle, C. & Kuri-Harcuch, W. (2015). Tissue alkaline phosphatase is involved in lipid metabolism and gene expression and secretion of adipokines in adipocytes. [Biochimica Et Biophysica Acta \(BBA\) - General Subjects](#), 1850(12), 2485-2496.
- 10 Gutierrez-Torres, D. S., Gonzalez-Horta, C., Del Razo, L. M., Infante-Ramirez, R., Ramos-Martinez, E., Levario-Carrillo, M. & Sanchez-Ramirez, B. (2015). Prenatal Exposure to Sodium Arsenite Alters Placental Glucose 1, 3, and 4 Transporters in Balb/C Mice. [Biomed Research International](#), 2015, 175025.

11 Ibarra-Laclette, E., Mendez-Bravo, A., Perez-Torres, C. A., Albert, V. A., Mockaitis, K., Kilaru, A., Lopez-Gomez, R., Cervantes-Luevano, J. I. & Herrera-Estrella, L. (2015). Deep Sequencing of the Mexican Avocado Transcriptome, an Ancient Angiosperm With a High Content of Fatty Acids. [Bmc Genomics](#), 16, 599.

12 Ibarra-Laclette, E., Zamudio-Hernandez, F., Perez-Torres, C. A. et al. (2015). De Novo Sequencing and Analysis of Lophophora Williamsii Transcriptome, and Searching for Putative Genes Involved in Mescaline Biosynthesis. [Bmc Genomics](#), 16, 657.

13 Kilaru, A., Cao, X., Dabbs, P. B. et al. (2015). Oil Biosynthesis in a Basal Angiosperm: Transcriptome Analysis of Persea Americana Mesocarp. [Bmc Plant Biology](#), 15, 203.

14 Alvarez-Mejia, C., Rodriguez-Rios, D., Hernandez-Guzman, G., Lopez-Ramirez, V., Valenzuela-Soto, H. & Marsch, R. (2015). Characterization of the Hrpz Gene From Pseudomonas Syringae Pv. Maculicola M2. [Brazilian Journal of Microbiology](#), 46(3), 929-936.

15 Ruiz-Valdiviezo, V. M., Canseco Lmcv, Suarez, L. A. C., Gutierrez-Miceli, F. A., Dendooven, L. & Rincon-Rosales, R. (2015). Symbiotic Potential and Survival of Native Rhizobia Kept on Different Carriers. [Brazilian Journal of Microbiology](#), 46(3), 735-742.

16 Gorokhovskiy, A. V., Escalante-Garcia, J. I., Sanchez-Valdes, E., Burmistrov, I. N. & Kuznetsov, D. V. (2015). Synthesis and characterization of high-strength ceramic composites in the system of potassium titanate -Metallurgical slag. [Ceramics International](#), 41(10), 13294-13303.

17 Ramos-Guerra, A. I., Guzman-Mendoza, J., Garcia-Hipolito, M., Alvarez-Fregoso, O. & Falcony, C. (2015). Multicolored Photoluminescence and Structural Properties of Zirconium Oxide Films Co-Doped With Tb³⁺ and Eu³⁺ Ions. [Ceramics International](#), 41(9), 11279-11286.

18 Anson-Casaos, A., Mis-Fernandez, R., Lopez-Alled, C. M., Almendro-Lopez, E., Hernandez-Ferrer, J., Gonzalez-Dominguez, J. M. & Martinez, M. T. (2015). Transparent conducting films made of different carbon nanotubes, processed carbon nanotubes, and graphene nanoribbons. [Chemical Engineering Science](#), 138, 566-574.

19 Molina, B., Soto, J. R. & Castro, J. J. (2015). Pseudo Jahn-Teller effect in the decasilanaphthalene molecule: Towards the origin of the buckling in silicene: Novel aspects of the Jahn-Teller effect in molecular and solid-state systems. [Chemical Physics](#), 460, 97-100.

20 Sahaza, J. H., Suarez-Alvarez, R., Estrada-Barcenas, D. A., Perez-Torres, A. & Taylor, M. L. (2015). Profile of Cytokines in the Lungs of Balb/C Mice After Intra-Nasal Infection With Histoplasma Capsulatum Mycelial Propagules. [Comparative Immunology Microbiology and Infectious Diseases](#), 41, 1-9.

21 Acosta-Perez, G., Ibanez-Cervantes, G., Bello-Lopez, J. M., Hernandez, J. M., Hernandez-Montanez, Z., Giono-Cerezo, S., Leon-Garcia, G. & Leon-Avila, G. (2015). Structural Diversity of Class 1 Integrons in Multiresistant Strains of Escherichia Coli Isolated From Patients in a Hospital in Mexico City. [Current Microbiology](#), 71(4), 501-508.

- 22 Wunderlich, A. C., Silva, R. J., Zica, E. O. P., Rebelo, M. F., Parente, T. E. M. & Vidal-Martinez, V. M. (2015). The Influence of Seasonality, Fish Size and Reproductive Status on Erod Activity in *Plagioscion Squamosissimus*: Implications for Biomonitoring of Tropical/Subtropical Reservoirs. [Ecological Indicators](#), 58, 267-276.
- 23 Enriquez, M., Puchala, Z. & Zyczkowski, K. (2015). Minimal Renyi-Ingarden-Urbanik Entropy of Multipartite Quantum States. [Entropy](#), 17(7), 5063-5084.
- 24 Flores-Langarica, A., Bobat, S., Marshall, J. L. et al. (2015). Soluble Flagellin Coimmunization Attenuates Th1 Priming to Salmonella and Clearance by Modulating Dendritic Cell Activation and Cytokine Production. [European Journal of Immunology](#), 45(8), 2299-2311.
- 25 Deciga-Campos, M., Ramirez-Marin, P. M. & Lopez-Munoz, F. J. (2015). Synergistic antinociceptive interaction between palmitoylethanolamide and tramadol in the mouse formalin test. [European Journal of Pharmacology](#), 765, 68-74.
- 26 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Distributions of Topological Observables in Inclusive Three- and Four-Jet Events in Pp Collisions at Root S=7 Tev. [European Physical Journal C](#), 75(7), 302.
- 27 Talamas-Lara, D., Talamas-Rohana, P., Fragoso-Soriano, R. J., Espinosa-Cantellano, M., Chavez-Munguia, B., Gonzalez-Robles, A. & Martinez-Palomo, A. (2015). Cell-matrix interactions of *Entamoeba histolytica* and *E. dispar*. A comparative study by electron-, atomic force- and confocal microscopy: Cell Biology at High Resolution. [Experimental Cell Research](#), 337(2), 226-233.
- 28 Garca-Curbelo, Y., Bocourt, R., Savon, L. L., Garcia-Vieyra, M. I. & Lopez, M. G. (2015). Prebiotic Effect of Agave Fourcroydes Fructans: an Animal Model. [Food & Function](#), 6(9), 3177-3182.
- 29 De Dios, E. A., Vargas, A. G., Santos, M. L. D. & Simpson, J. (2015). New Insights Into Plant Glycoside Hydrolase Family 32 in Agave Species. [Frontiers in Plant Science](#), 6, 594.
- 30 Lopez-Castillo, L. M., Lopez-Arciniega, J. I., Guerrero-Rangel, A., Valdes-Rodriguez, S., Brieba, L. G., Garcia-Lara, S. & Winkler, R. (2015). Identification of B6t173 (Zmprx35) as the Prevailing Peroxidase in Highly Insect-Resistant Maize (*Zea Mays*, P84c3) Kernels by Activity-Directed Purification. [Frontiers in Plant Science](#), 6, 670.
- 31 Massange-Sanchez, J. A., Palmeros-Suarez, P. A., Martinez-Gallardo, N. A., Castrillon-Arbelaez, P. A., Aviles-Arnaut, H., Alatorre-Cobos, F., Tiessen, A. & Delano-Frier, J. P. (2015). The Novel and Taxonomically Restricted Ah24 Gene From Grain Amaranth (*Amaranthus Hypochondriacus*) Has a Dual Role in Development and Defense. [Frontiers in Plant Science](#), 6, 602.
- 32 Gomez, L. E. C., Parra, R. B., Belmont, E. R. & Angon, M. A. P. (2015). Mobility Patterns Among Mexican Physicists in the National Researchers System. [Interciencia](#), 40(8), 525-532.
- 33 Cortes, M. S., Martinez-Luevanos, A., Garcia-Cerda, L. A., Rodriguez-Fernandez, O. S., Fuentes, A. F., Romero-Garcia, J. & Montemayor, S. M. (2015). Nanostructured Pure and Substituted Cobalt Ferrites: Fabrication by Electrospinning and Study of Their Magnetic Properties. [Journal of Alloys and Compounds](#), 653, 290-297.

- 34 Safeera, T. A., Johns, N., Anila, E. I., Martinez, A. I., Sreenivasan, P. V., Reshmi, R., Sudhanshu, M. & Jayaraj, M. K. (2015). Low temperature fabrication and characterization of wurtzite structured ZnS quantum dots by chemical spray pyrolysis. [Journal of Analytical and Applied Pyrolysis](#), 115, 96-102.
- 35 Ordonez-Miranda, J., Yang, R. G., Volz, S. & Alvarado-Gil, J. J. (2015). Steady State and Modulated Heat Conduction in Layered Systems Predicted by the Analytical Solution of the Phonon Boltzmann Transport Equation. [Journal of Applied Physics](#), 118(7), 075103.
- 36 Alvarado-Beltran, C. G., Almaral-Sanchez, J. L. & Ramirez-Bon, R. (2015). Synthesis and Properties of Pmma-Zro2 Organic-Inorganic Hybrid Films. [Journal of Applied Polymer Science](#), 132(44), 42738.
- 37 Mendoza-Palacios, S. & Hernandez-Lerma, O. (2015). Evolutionary dynamics on measurable strategy spaces: Asymmetric games. [Journal of Differential Equations](#), 259(11), 5709-5733.
- 38 Mendez-Albores, E., Gonzalez-Fuentes, M. A., Davila-Jimenez, M. M. & Gonzalez, F. J. (2015). Role of Water in the Formation of Sulfoxide and Sulfone Derivatives During the Electrochemical Oxidation of Dibenzothiophene in Acetonitrile. [Journal of Electroanalytical Chemistry](#), 751, 7-14.
- 39 Valenzuela-Soto, J. H., Maldonado-Bonilla, L. D., Hernandez-Guzman, G., Rincon-Enriquez, G., Martinez-Gallardo, N. A., Ramirez-Chavez, E., Hernandez, I. C., Hernandez-Flores, J. L. & Delano-Frier, J. P. (2015). Infection by a Coronatine-Producing Strain of Pectobacterium Cacticidum Isolated From Sunflower Plants in Mexico Is Characterized by Soft Rot and Chlorosis. [Journal of General Plant Pathology](#), 81(5), 368-381.
- 40 Enriquez-Diaz, M. R., Volland, J. M., Chavez-Villegas, J. F., Aldana-Aranda, D. & Gros, O. (2015). Development of the Planktotrophic Veligers and Plantigrades of Strombus Pugilis (Gastropoda). [Journal of Molluscan Studies](#), 81, 335-344.
- 41 Aguirre-Ayala, D. & Vidal-Martinez, V. M. (2015). Experimental Infection of the Mayan Cichlid Cichlasoma Urophthalmus With the Oomycete Aphanomyces Invadans. [Journal of Parasitology](#), 101(4), 485-487.
- 42 Guerrero-Moreno, N., Gervasio, D., Godinez-Garcia, A. & Perez-Robles, J. F. (2015). Polybenzimidazole-multiwall carbon nanotubes composite membranes for polymer electrolyte membrane fuel cells. [Journal of Power Sources](#), 300, 229-237.
- 43 Trujillo-Vazquez, E. & Pech-Canul, M. I. (2015). Formation Pathway, Structural Characterization and Optimum Processing Parameters of Synthetic Topaz - Al₂SiO₄(OH,F)₂ - by Cvd. [Journal of Solid State Chemistry](#), 230, 350-356.
- 44 Alvarez, G., Montiel, H., Conde-Gallardo, A. & Zamorano, R. (2015). Detection of an Anomalous Magnetic Transition in Hematite by Means of Derivative Microwave Absorption. [Journal of Superconductivity and Novel Magnetism](#), 28(9), 2731-2734.

- 45 Ibarra, M. N., Almanza, J. M., Cortes, D. A., Escobedo, J. C. & Martinez-Lopez, R. (2015). Chemical interaction between SrAl₂Si₂O₈ and molten aluminum. [Journal of the European Ceramic Society](#), 35(15), 4287-4292.
- 46 Arias, S., Cardiel, E., Garay, L., Sanada, H., Mori, T., Noguchi, H., Nakagami, G. & Rogeli, P. (2015). Effects on Interface Pressure and Tissue Oxygenation Under Ischial Tuberosities During the Application of an Alternating Cushion. [Journal of Tissue Viability](#), 24(3), 91-101.
- 47 Rojas-Ruiz, N. E., Sansinenea-Royano, E., Cedillo-Ramirez, M. L., Marsch-Moreno, R., Sanchez-Alonso, P. & Vazquez-Cruz, C. (2015). Analysis of Bacillus thuringiensis population dynamics and its interaction with Pseudomonas fluorescens in soil. [Jundishapur Journal of Microbiology](#), 8(9), e27953.
- 48 Babu, B. J., Velumani, S., Kassiba, A., Asomoza, R., Chavez-Carvayar, J. A. & Yi, J. S. (2015). Deposition and Characterization of Graded Cu(In_{1-x}Ga_x)Se₂ Thin Films by Spray Pyrolysis. [Materials Chemistry and Physics](#), 162, 59-68.
- 49 Jimenez-Triana, C. A., Castelan-Martinez, O. D., Rivas-Ruiz, R. et al. (2015). Cisplatin nephrotoxicity and longitudinal growth in children with solid tumors. [Medicine](#), 94(34), e1413.
- 50 Martinez-Higuera, A., Herrera-Martinez, M., Chavez-Munguia, B., Valle-Solis, M., Muniz-Lino, M. A., Cazares-Apatiga, J. & Rodriguez, M. A. (2015). Entamoeba invadens: Identification of a SERCA protein and effect of SERCA inhibitors on encystation. [Microbial Pathogenesis](#), 89, 18-26.
- 51 Jardon-Aguilar, H., Tirado-Mendez, J. A. & Flores-Leal, R. (2015). An Uwb Slot Antenna Without Stub Tuning. [Microwave and Optical Technology Letters](#), 57(11), 2658-2662.
- 52 Soberanes-Gutierrez, C. V., Juarez-Montiel, M., Olguin-Rodriguez, O., Hernandez-Rodriguez, C., Ruiz-Herrera, J. & Villa-Tanaca, L. (2015). The Pep4 Gene Encoding Proteinase a Is Involved in Dimorphism and Pathogenesis of Ustilago Maydis. [Molecular Plant Pathology](#), 16(8), 837-846.
- 53 Balderrama, V. S., Albero, J., Granero, P., Ferre-Borrull, J., Pallares, J., Palomares, E. & Marsal, L. F. (2015). Design, Fabrication and Charge Recombination Analysis of an Interdigitated Heterojunction Nanomorphology in P3ht/Pc70bm Solar Cells. [Nanoscale](#), 7(33), 13848-13859.
- 54 Miranda, O. G. & Nunokawa, H. (2015). Non standard neutrino interactions: current status and future prospects. [New Journal of Physics](#), 17, 095002.
- 55 Lopez-Sauri, D. A., Veleva, L. & Perez-Angel, G. (2015). Potentiostatic Current and Galvanostatic Potential Oscillations During Electrodeposition of Cadmium. [Physical Chemistry Chemical Physics](#), 17(34), 22266-22271.
- 56 Celada, M., Gonzalez, D. & Montesinos, M. (2015). Alternative Derivation of Krasnov's Action for General Relativity. [Physical Review D](#), 92(4), 044059.
- 57 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Angular coefficients of Z bosons produced in pp collisions at root s=8 TeV and decaying to [mu]⁺ mu⁻ as a function of transverse momentum and rapidity. [Physics Letters B](#), 750, 154-175.

- 58 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Heavy Majorana Neutrinos in $\mu(+/-)\mu(+/-)$ + Jets Events Inproton-Proton Collisions at Root $S=8\text{tev}$. [Physics Letters B](#), 748, 144-166.
- 59 Palmeros-Suarez, P. A., Massange-Sanchez, J. A., Martinez-Gallardo, N. A., Montero-Vargas, J. M., Gomez-Leyva, J. F. & Delano-Frier, J. P. (2015). The overexpression of an *Amaranthus hypochondriacus* NF-YC gene modifies growth and confers water deficit stress resistance in *Arabidopsis*. [Plant Science](#), 240, 25-40.
- 60 Avalos-Padilla, Y., Betanzos, A., Javier-Reyna, R., Garcia-Rivera, G., Chavez-Munguia, B., Lagunes-Guillen, A., Ortega, J. & Orozco, E. (2015). Ehvp32 Is a Vacuole-Associated Protein Involved in Pinocytosis and Phagocytosis of *Entamoeba Histolytica*. [Plos Pathogens](#), 11(7), e1005079.
- 61 Serrano, D. A., Medina, A., Ruiz-Chavarria, G., Pliego, M. & Klapp, J. (2015). Mass flow rate of granular material flowing from tilted bins. [Powder Technology](#), 286, 438-443.
- 62 O'neill, E. C., Stevenson, C. E. M., Paterson, M. J., Rejzek, M., Chauvin, A. L., Lawson, D. M. & Field, R. A. (2015). Crystal Structure of a Novel Two Domain Gh78 Family Alpha-Rhamnosidase From *Klebsiella Oxytoca* With Rhamnose Bound. [Proteins-Structure Function and Bioinformatics](#), 83(9), 1742-1749.
- 63 Chacon-Cortes, L. F. & Zuniga-Galindo, W. A. (2015). Non-Local Operators, Non-Archimedean Parabolic-Type Equations With Variable Coefficients and Markov Processes. [Publications of the Research Institute for Mathematical Sciences](#), 51(2), 289-317.
- 64 Idigoras, J., Godfroy, M., Joly, D., Todinova, A., Maldivi, P., Oskam, G., Demadrille, R. & Anta, J. A. (2015). Organic Dyes for the Sensitization of Nanostructured ZnO Photoanodes: Effect of the Anchoring Functions. [Rsc Advances](#), 5(84), 68929-68938.
- 65 Raghavan, M., Steinrucken, M., Harris, K. et al. (2015). Genomic Evidence for the Pleistocene and Recent Population History of Native Americans. [Science](#), 349(6250), aab3884.
- 66 Ortiz-Carrera, L., Valdez, R. A., Mondragon, J. A., Gariglio, P., Zarco, L., Valencia, J. & Romano, M. C. (2015). Estrogen synthesis and secretion during postnatal testicular development in male goats: In situ aromatase mRNA expression. [Small Ruminant Research](#), 130, 146-152.
- 67 Ramirez-Puebla, S. T., Servin-Garciduenas, L. E., Ormeno-Orrillo, E., Vera-Ponce de Leon, A., Rosenblueth, M., Delaye, L., Martinez, J. & Martinez-Romero, E. (2015). Species in *Wolbachia*? Proposal for the designation of 'Candidatus *Wolbachia bourtzisii*', 'Candidatus *Wolbachia onchocercicola*', 'Candidatus *Wolbachia blaxteri*', 'Candidatus *Wolbachia brugii*', 'Candidatus *Wolbachia taylori*', 'Candidatus *Wolbachia collembolicola*' and 'Candidatus *Wolbachia multihospitum*' for the different species within *Wolbachia* supergroups. [Systematic and Applied Microbiology](#), 38(6), 390-399.

68 Chavez-Urbiola, I. R., Ramirez-Bon, R. & Vorobiev, Y. V. (2015). The transformation to cadmium oxide through annealing of cadmium oxide hydroxide deposited by ammonia-free SILAR method and the photocatalytic properties. [Thin Solid Films](#), 592, Part A, 110-117.

69 Mejia-Garcia, A., Gonzalez-Barbosa, E., Martinez-Guzman, C., Torres-Ramos, M. A., Rodriguez, M. S., Guzman-Leon, S. & Elizondo, G. (2015). Activation of AHR mediates the ubiquitination and proteasome degradation of c-Fos through the induction of UbcM4 gene expression. [Toxicology](#), 337, 47-57.

70 Heil, M. (2015). Manipulators live better, but are they always parasites? [Trends in Plant Science](#), 20(9), 538-540.

71 Chavez-Lopez, M. D., Perez-Carreón, J. I., Zuniga-Garcia, V. et al. (2015). Astemizole-Based Anticancer Therapy for Hepatocellular Carcinoma (Hcc), and Eag1 Channels as Potential Early-Stage Markers of Hcc. [Tumor Biology](#), 36(8), 6149-6158.

72 Sosa-Medina, T., Vidal-Martinez, V. M. & Aguirre-Macedo, M. L. (2015). Metazoan Parasites of Fishes From the Celestun Coastal Lagoon, Yucatan, Mexico. [Zootaxa](#), 4007(4), 529-544.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

73 Ramirez-Lopez, M., Casallas-Moreno, Y. L., Perez-Caro, M., Escobosa-Echevarria, A., Gallardo-Hernandez, S., Huerta-Ruelas, J. & Lopez-Lopez, M. (2015). Study of Interference Effects on the Photoluminescence of Algan/Gan Quantum Wells. [Physica Status Solidi C: Current Topics in Solid State Physics](#), 12(4-5), 365-368.

74 Mendez-Lopez, A., Morales-Acevedo, A., Acosta-Silva, Y. D., Katagiri, H., Matsumoto, Y., Zelaya-Angel, O. & Ortega-Lopez, M. (2015). Study of the Synthesis of Self-Assembled Tin Disulfide Nanoparticles Prepared by a Low-Cost Process. [Physica Status Solidi C-Current Topics in Solid State Physics](#), 12(6), 564-567.

75 Rivera, J., Espinoza-Jurado, J. & Loukianov, A. (2015). Super-Twisting Air/Fuel Ratio Control for Spark Ignition Engines. [Studies in Computational Intelligence](#), 576, 201-226.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

76 Sandoval-Cabrera, A., Zarzosa-Alvarez, A. L., Martinez-Miguel, R. M. & Bermudez-Cruz, R. M. (2015). Mr (Mre11-Rad50) Complex in Giardia Duodenalis: in Vitro Characterization and Its Response Upon Dna Damage (Vol 111, Pg 45, 2015). [Biochimie](#), 116C, 165.

77 Karne, A. S., Vaval, N., Pal, S., Vasquez-Perez, J. M., Koster, A. M. & Calaminici, P. (2015). Corrigendum to "Systematic comparison of DFT and CCSD dipole moments, polarizabilities and hyperpolarizabilities" [Chem. Phys. Lett. 635 (2015) 168-173]. [Chemical Physics Letters](#), 636, 228-229.

78 Coello, C. A. C., Franco, G., Krasnogor, N. & Pavone, M. (2015). Algorithms and Models for Complex Natural Systems. [Natural Computing](#), 14(3), 339-340.

79 Medema, M. H., Kottmann, R., Yilmaz, P. et al. (2015). Minimum Information About a Biosynthetic Gene Cluster. [Nature Chemical Biology](#), 11(9), 625-631.

80 Perez-Perez, E., Hernandez-Llanes, N. F., Gallegos-Cari, A., Camacho-Solis, R. E. & Mendoza-Melendez, M. A. (2015). Mortality and Burden of Disease Associated With the Consumption of Alcohol. [Salud Publica De Mexico](#), 57(4), 292.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

81 Balandran, J. C., Enciso, J., Espinoza, N. A. et al. (2015). A novel three-dimensional co-culture system can maintain leukemic hematopoiesis. [Experimental Hematology](#), 43(9), S52.

82 Lopez-Bayghen, E., Ocampo, A., Maldonado, I. & Camargo, F. (2015). Preimplantation Genetic Screening in Combination With Cumulus Cells Gene Expression Profile: Use in Assessment of Embryo Potential. [Human Reproduction](#), 30, 403-404.

83 Miller, M., Cho, H. J., Minh, T. et al. (2015). Selection of Maize and Soybean Transgenic Events Using a Novel Phosphite Metabolism System. [In Vitro Cellular & Developmental Biology-Plant](#), 51(4), 493.

84 Angel, A. G. D., Martinez-Lozada, Z., Hernandez-Kelly, L. C. R. & Ortega, A. (2015). Methylphenidate Regulates Glutamate Transporters in Bergmann Glial Cells. [Journal of Neurochemistry](#), 134, 104.

85 Fuss, B., Martinez-Lozada, Z., Waggner, C. T., Kim, K., Zou, S., Dupree, J. L., Knapp, P. E., Hayashi, Y. & Ortega, A. (2015). Glutamate as a Regulator of Oligodendrocyte Morphogenesis. [Journal of Neurochemistry](#), 134, 40.

86 Lopez-Bayghen, B., Angulo-Rojo, C., Vazquez, A., Perez-Toledo, K., Ortega, A. & Bayghen, E. L. (2015). Crosstalk Between Pkc and Notch Pathways in Bergmann Glial Cells. [Journal of Neurochemistry](#), 134, 105.

87 Martinez-Lozada, Z., Najimi, M., Sokal, E. & Ortega, A. (2015). Glutamate Uptake Characterization in Hepg2 Cells. [Journal of Neurochemistry](#), 134, 171.

88 Aranda, D. A., Diaz, M. E. & Paris-Limouzy, C. (2015). Effect of Tide and Photoperiod on Abundance and Distribution of Larvae of Queen Conch, Strombus Gigas. [Journal of Shellfish Research](#), 34(2), 603.

89 Espinoza-Beltran, F., Sanchez, I. C., Espana-Sanchez, B. L., Mota-Morales, J. D., Carrillo, S., Enriquez-Flores, C. I., Poncin-Epaillard, F. & Luna-Barcenas, G. (2015). Scanning-probe-microscopy of polyethylene terephthalate surface treatment by argon ion beam. [Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions With Materials and Atoms](#), 362, 49-56.

90 Reyes, J. L., Molina-Jijon, E., Rodriguez-Munoz, R., Namorado, C. & Bautista-Garcia, P. (2015). All-Trans Retinoic Acid Prevents Oxidative Stress-Induced Loss of Renal Tight Junction Proteins in Type-1 Diabetic Model. [Pediatric Nephrology](#), 30(9), 1633.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

91 Vadala, M., Vallelunga, A., Palmieri, L., Palmieri, B., Morales-Medina, J. C. & Iannitti, T. (2015). Mechanisms and Therapeutic Applications of Electromagnetic Therapy in Parkinson's Disease. [Behavioral and Brain Functions](#), 11, 26.

92 Rodriguez-Manzo, G. & Canseco-Alba, A. (2015). Biphasic Effects of Anandamide on Behavioural Responses: Emphasis on Copulatory Behaviour. [Behavioural Pharmacology](#), 26(6), 607-615.

93 Fernandez, I., Frenking, G. & Merino, G. (2015). Aromaticity of Metallabenzene and Related Compounds. [Chemical Society Reviews](#), 44(18), 6452-6463.

94 Mercero, J. M., Boldyrev, A. I., Merino, G. & Ugalde, J. M. (2015). Recent Developments and Future Prospects of All-Metal Aromatic Compounds. [Chemical Society Reviews](#), 44(18), 6519-6534.

95 Vivar, C. (2015). Adult Hippocampal Neurogenesis, Aging and Neurodegenerative Diseases: Possible Strategies to Prevent Cognitive Impairment. [Current Topics in Medicinal Chemistry](#), 15(21), 2175-2192.

96 Hernandez, S. I. D., Reyes-Del Valle, J., Villegas-Del Angel, E., Ludert, J. E. & Del Angel, R. M. (2015). Dengue Laboratory Diagnosis: Still Some Room for Improvement. [Future Virology](#), 10(7), 845-857.

97 Martinez-Lozada, Z. & Ortega, A. (2015). Glutamatergic Transmission: a Matter of Three. [Neural Plasticity](#), 2015, 787396.

Última actualización: marzo 24, 2017 11:58 a.m.

ARTÍCULOS DEL MES DE OCTUBRE DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Lopez-Cancino, S. A., Tun-Ku, E., De la Cruz-Felix, H. K., Ibarra-Cerdena, C. N., Izeta-Alberdi, A., Pech-May, A., Mazariegos-Hidalgo, C. J., Valdez-Tah, A. & Ramsey, J. M. (2015). Landscape ecology of *Trypanosoma cruzi* in the southern Yucatan Peninsula: Ecology and diversity of *Trypanosoma cruzi*. [Acta Tropica](#), 151, 58-72.
- 2 Trejo-Saavedra, D. L., Rodriguez-Negrete, E. A., Vielle-Calzada, J. P. & Rivera-Bustamante, R. F. (2015). Gene Traps as a Tool for Identification of Plant Genes Involved in Viral Infection Response. [Agrociencia](#), 49(6), 593-612.
- 3 Rogachev, A. Y., Miao, M. S., Merino, G. & Hoffmann, R. (2015). Molecular Csf5 and Csf2+. [Angewandte Chemie-International Edition](#), 54(28), 8275-8278.
- 4 Fernau, H., Freund, R., Schmid, M. L., Subramanian, K. G. & Wiederhold, P. (2015). Contextual Array Grammars and Array P Systems. [Annals of Mathematics and Artificial Intelligence](#), 75(1-2), 5-26.
- 5 Sanchez-Sanchez, L., Escobar, M. L., Sandoval-Ramirez, J., Lopez-Munoz, H., Fernandez-Herrera, M. A., Hernandez-Vazquez, J. M. V., Hilario-Martinez, C. & Zenteno, E. (2015). Apoptotic and Autophagic Cell Death Induced by Glucolaxogenin in Cervical Cancer Cells. [Apoptosis](#), 20(12), 1623-1635.
- 6 Robles, V. H., Lora, V., Matos, T. & Sanchez-Salcedo, F. J. (2015). Evolution of a Dwarf Satellite Galaxy Embedded in a Scalar Field Dark Matter Halo. [Astrophysical Journal](#), 810(2), 99.
- 7 Vargas-Tah, A., Moss-Acosta, C. L., Trujillo-Martinez, B., Tiessen, A., Lozoya-Gloria, E., Orencio-Trejo, M., Gosset, G. & Martinez, A. (2015). Non-severe thermochemical hydrolysis of stover from white corn and sequential enzymatic saccharification and fermentation to ethanol. [Bioresource Technology](#), 198, 611-618.
- 8 Campos-Navarrete, M. J., Munguia-Rosas, M. A., Abdala-Roberts, L., Quinto, J. & Parra-Tabla, V. (2015). Effects of Tree Genotypic Diversity and Species Diversity on the Arthropod Community Associated With Big-Leaf Mahogany. [Biotropica](#), 47(5), 579-587.
- 9 Jimenez-Lopez, D., Bravo, J. & Guzman, P. (2015). Evolutionary History Exposes Radical Diversification Among Classes of Interaction Partners of the Mlle Domain of Plant Poly(a)-Binding Proteins. [Bmc Evolutionary Biology](#), 15, 195.
- 10 Jacobo-Cabral, C. O., Garcia-Roca, P., Romero-Tejeda, E. M., Reyes, H., Medeiros, M., Castaneda-Hernandez, G. & Troconiz, I. F. (2015). Population pharmacokinetic analysis of tacrolimus in mexican paediatric renal transplant patients: role of Cyp3A5 genotype and formulation. [British Journal of Clinical Pharmacology](#), 80(4), 630-641.

11 Nava-Diaz, R., Hoogesteijn, A. L., Erosa, M. D., Febles, J. L. & Mendez-Gonzalez, R. M. (2015). Comparative Study of Lead Concentration in Feathers of Urban and Rural Passerines in Merida, Mexico. [Bulletin of Environmental Contamination and Toxicology](#), 95(4), 470-474.

12 Gonzalez-Santillan, E. & Prendini, L. (2015). Systematic Revision of the North American Syntropine Vaejovid Scorpions With a Subaculear Tubercle, Konetontli Gonzalez-Santillan and Prendini, 2013. [Bulletin of the American Museum of Natural History](#), (397), 1-78.

13 Dlugovitzky, D. G., Fontela, M. S., Lamas, D. J. M., Valdez, R. A. & Romano, M. C. (2015). Mycobacterium Smegmatis Synthesizes in Vitro Androgens and Estrogens From Different Steroid Precursors. [Canadian Journal of Microbiology](#), 61(7), 451-455.

14 Acosta-Garcia, G., Chapa-Oliver, A. M., Millan-Almaraz, J. R. et al. (2015). Calea 73 Gene From Capsicum Annuum L. Enhances Drought and Osmotic Tolerance Modulating Transpiration Rate in Transgenic Arabidopsis Thaliana. [Canadian Journal of Plant Science](#), 95(2), 227-235.

15 Bello-Perez, L. A., Flores-Silva, P. C., Camelo-Mendez, G. A., Paredes-Lopez, O. & Figueroa-Cardenas, J. D. (2015). Effect of the Nixtamalization Process on the Dietary Fiber Content, Starch Digestibility, and Antioxidant Capacity of Blue Maize Tortilla. [Cereal Chemistry](#), 92(3), 265-270.

16 Santiago-Ramos, D., Figueroa-Cardenas, J. D., Veles-Medina, J. J., Mariscal-Moreno, R. M., Reynoso-Camacho, R., Ramos-Gomez, M., Gaytan-Martinez, M. & Morales-Sanchez, E. (2015). Resistant Starch Formation in Tortillas From an Ecological Nixtamalization Process. [Cereal Chemistry](#), 92(2), 185-192.

17 Santiago-Ramos, D., Figueroa-Cardenas, J. D., Veles-Medina, J. J., Reynoso-Camacho, R., Ramos-Gomez, M., Gaytan-Martinez, M. & Morales-Sanchez, E. (2015). Effects of Annealing and Concentration of Calcium Salts on Thermal and Rheological Properties of Maize Starch During an Ecological Nixtamalization Process. [Cereal Chemistry](#), 92(5), 475-480.

18 Cruz, J. S., Leyva, K. M., Mathews, N. R., Galvan, A. M. & Mathew, X. (2015). Physical Properties of Vacuum Evaporated Tin Sulfide Thin Films. [Chalcogenide Letters](#), 12(8), 415-427.

19 De Mendizabal, N. V., Jimenez-Mendez, R., Cooke, E. et al. (2015). A Compartmental Analysis for Morphine and Its Metabolites in Young Children After a Single Oral Dose. [Clinical Pharmacokinetics](#), 54(10), 1083-1090.

20 Balboa, L., Barrios-Payan, J., Gonzalez-Dominguez, E. et al. (2015). Diverging Biological Roles Among Human Monocyte Subsets in the Context of Tuberculosis Infection. [Clinical Science](#), 129(4), 319-330.

21 Gonzalez-Horta, F. A., Mejia-Alvarez, P. & Buenfil-Alpuche, E. (2015). Multipurpose mobility services for the Future Internet. [Computer Networks](#), 93, 23-40.

22 Rivera, J., Raygoza, J. J., Ortega-Cisneros, S., Figueroa, A. & Begovich, O. (2015). FPGA-based startup for AC electric drives: Application to a greenhouse ventilation system. [Computers in Industry](#), 74, 173-185.

- 23 Chakraborty, D., Hernandez-Jimenez, V. & Sarkar, P. (2015). Another look at XCB. [Cryptographys and Communications](#), 7, 439-468.
- 24 Contreras-Rascon, J. I., Diaz-Reyes, J., Flores-Mena, J. E., Galvan-Arellano, M., Juarez-Moran, L. A. & Castillo-Ojeda, R. S. (2015). Characterization of CBD-CdSe1-ySy deposited at low-temperature for photovoltaic applications. [Current Applied Physics](#), 15(12), 1568-1575.
- 25 Guzman-Bautista, E. R., Ramirez-Estudillo, M. C., Rojas-Gomez, O. I. & Vega-Lopez, M. A. (2015). Tracheal and bronchial polymeric immunoglobulin secretory immune system (PISIS) development in a porcine model. [Developmental and Comparative Immunology](#), 53, 271-282.
- 26 Reyes-Olalde, J. I., Marsch-Martinez, N. & De Folter, S. (2015). Imaging Early Stages of the Female Reproductive Structure of Arabidopsis by Confocal Laser Scanning Microscopy. [Developmental Dynamics](#), 244(10), 1286-1290.
- 27 Vargas-Neri, J. L., Rivas-Ruiz, R., Castelan-Martinez, O. D., Castaneda-Hernandez, G., Clark-Peralta, P., Palomo-Colli, M. A., Estrada-Loza, M. D. J. & Balderrabano-Saucedo, N. A. (2015). Active Pharmacovigilance to Determine the Incidence and Severity of Adverse Reactions Associated With Anthracyclines-Based Chemotherapy in Cancer Paediatric Patients. [Drug Safety](#), 38(10), 1038.
- 28 Brazova, T., Hanzelova, V., Miklisova, D., Salamun, P. & Vidal-Martinez, V. M. (2015). Host-parasite relationships as determinants of heavy metal concentrations in perch (*Perca fluviatilis*) and its intestinal parasite infection. [Ecotoxicology and Environmental Safety](#), 122, 551-556.
- 29 Osorio-Yanez, C., Ayllon-Vergara, J. C., Arreola-Mendoza, L., Aguilar-Madrid, G., Hernandez-Castellanos, E., Sanchez-Pena, L. C. & Del Razo, L. M. (2015). Blood Pressure, Left Ventricular Geometry, and Systolic Function in Children Exposed to Inorganic Arsenic. [Environmental Health Perspectives](#), 123(6), 629-635.
- 30 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Constraints on Parton Distribution Functions and Extraction of the Strong Coupling Constant From the Inclusive Jet Cross Section in Pp Collisions at Root S=7tev. [European Physical Journal C](#), 75(6), 288.
- 31 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Constraints on the Pmssm, Amsb Model and on Other Models From the Search for Long-Lived Charged Particles in Proton-Proton Collisions at Root S=8tev. [European Physical Journal C](#), 75(7), 325.
- 32 Ortiz, F. & Gutierrez, R. (2015). Entorhinal cortex lesions result in adenosine-sensitive high frequency oscillations in the hippocampus. [Experimental Neurology](#), 271, 319-328.
- 33 Gonzalez-Robles, A., Lares-Villa, F., Lares-Jimenez, L. F., Omana-Molina, M., Salazar-Villatoro, L. & Martinez-Palomo, A. (2015). Balamuthia mandrillaris: further morphological observations of trophozoites by light, scanning and transmission electron microscopy. [Experimental Parasitology](#), 157, 150-155.

- 34 Chavez-Cabrera, C., Marsch, R., Bartolo-Aguilar, Y., Flores-Bustamante, Z. R., Hidalgo-Lara, M. E., Martinez-Cardenas, A., Cancino-Diaz, J. C., Sanchez, S. & Flores-Cotera, L. B. (2015). Molecular Cloning and Characterization of the Atp Citrate Lyase From Carotenogenic Yeast *Phaffia Rhodozyma*. [Fems Yeast Research](#), 15(6), fov054.
- 35 Martinez-Soto, D., Gonzalez-Prieto, J. M. & Ruiz-Herrera, J. (2015). Transcriptomic Analysis of the Gcn5 Gene Reveals Mechanisms of the Epigenetic Regulation of Virulence and Morphogenesis in *Ustilago Maydis*. [Fems Yeast Research](#), 15(6), fov055.
- 36 Gestal, C. & Castellanos-Martinez, S. (2015). Understanding the Cephalopod Immune System Based on Functional and Molecular Evidence. [Fish & Shellfish Immunology](#), 46(1), 120-130.
- 37 Hernandez-Flores, A., Condal, A., Poot-Salazar, A. & Espinoza-Mendez, J. C. (2015). Geostatistical Analysis and Spatial Modeling of Population Density for the Sea Cucumbers *Isostichopus Badionotus* and *Holothuria Florida* on the Yucatan Peninsula, Mexico. [Fisheries Research](#), 172, 114-124.
- 38 Ordonez-Garcia, M., Rios-Velasco, C., Berlanga-Reyes, D. I., Acosta-Muniz, C. H., Salas-Marina, M. A. & Cambero-Campos, O. J. (2015). Occurrence of Natural Enemies of *Spodoptera Frugiperda* (Lepidoptera: Noctuidae) in Chihuahua, Mexico. [Florida Entomologist](#), 98(3), 843-.
- 39 Castelan-Martinez, O. D., Vivanco-Munoz, N., Falcon-Ramirez, E., Valdes-Flores, M. & Clark, P. (2015). Apa1 Vdr Polymorphism and Osteoporosis Risk in Postmenopausal Mexican Women. [Gaceta Medica De Mexico](#), 151(4), 472-476.
- 40 Filio-Rodriguez, O., Primak, S., Kontorovich, V. & Shami, A. (2015). On a Cognitive Radio Network's Random Access Game With a Poisson Number of Secondary Users. [Ieee Communications Letters](#), 19(10), 1818-1821.
- 41 Osorio, R., Lopez, I., Savage, J., Pena, M., Lomas, V. & Lefranc, G. (2015). Surveillance System Mobile Object Using Segmentation Algorithms. [Ieee Latin America Transactions](#), 13(7), 2441-2446.
- 42 Ruelas, E. A., Vazquez, J. A., Yanez, J., Lopez, I. & Bravo, C. F. (2015). Condition Estimation of Carbon Steel Using a Neuro-Fuzzy System and Image Processing. [Ieee Latin America Transactions](#), 13(7), 2322-2328.
- 43 Dominguez, J. R. (2015). Discrete-Time Modeling and Control of Induction Motors by Means of Variational Integrators and Sliding Modes-Part Ii: Control Design. [Ieee Transactions on Industrial Electronics](#), 62(10), 6183-6193.
- 44 Linares-Flores, J., Garcia-Rodriguez, C., Sira-Ramirez, H. & Ramirez-Cardenas, O. D. (2015). Robust Backstepping Tracking Controller for Low-Speed Pmsm Positioning System: Design, Analysis, and Implementation. [Ieee Transactions on Industrial Informatics](#), 11(5), 1130-1141.
- 45 Chakraborty, D. & Nandi, M. (2015). Attacks on the Authenticated Encryption Mode of Operation Pae. [Ieee Transactions on Information Theory](#), 61(10), 5636-5642.

- 46 Ordaz, P. & Poznyak, A. (2015). 'kl'-Gain Adaptation for Attractive Ellipsoid Method. [Ima Journal of Mathematical Control and Information](#), 32(3), 447-469.
- 47 Jasso de Rodriguez, D., Trejo-Gonzalez, F. A., Rodriguez-Garcia, R., Diaz-Jimenez, M. L. V., Saenz-Galindo, A., Hernandez-Castillo, F. D., Villarreal-Quintanilla, J. A. & Pena-Ramos, F. M. (2015). Antifungal activity in vitro of *Rhus muelleri* against *Fusarium oxysporum* f. sp. *lycopersici*: Advances in Industrial Crops and Products Worldwide: AAIC 2014 international conference. [Industrial Crops and Products](#), 75, Part B, 150-158.
- 48 Segura, C., Coello, C. A. C. & Hernandez-Diaz, A. G. (2015). Improving the Vector Generation Strategy of Differential Evolution for Large-Scale Optimization. [Information Sciences](#), 323, 106-129.
- 49 Alcaraz-Mejia, M., Campos-Rodriguez, R., Lopez-Mellado, E. & Ramirez-Trevino, A. (2015). Partial Reconfiguration of Control Systems Using Petri Nets Structural Redundancy. [Information Technology and Control](#), 44(3), 287-301.
- 50 Yanez, C. H., Vasilevski, N. & Maximenko, E. A. (2015). Radial Toeplitz Operators Revisited: Discretization of the Vertical Case. [Integral Equations and Operator Theory](#), 83(1), 49-60.
- 51 Bandala, C., Cortes-Algara, A. L., Mejia-Barradas, C. M. et al. (2015). Botulinum Neurotoxin Type a Inhibits Synaptic Vesicle 2 Expression in Breast Cancer Cell Lines. [International Journal of Clinical and Experimental Pathology](#), 8(7), 8411-8418.
- 52 Parga, C., Yu, W. & Li, X. O. (2015). A Low-Cost Ball and Plate System for Advanced Control Education. [International Journal of Electrical Engineering Education](#), 52(4), 370-384.
- 53 Xiong, F. R., Qin, Z. C., Ding, Q., Hernandez, C., Fernandez, J., Schutze, O. & Sun, J. Q. (2015). Parallel cell mapping method for global analysis of high-dimensional nonlinear dynamical systems. [Journal of Applied Mechanics](#), 82, 111001.
- 54 Chale-Dzul, J., Moo-Puc, R., Robledo, D. & Freile-Pelegrin, Y. (2015). Hepatoprotective Effect of the Fucoidan From the Brown Seaweed *Turbinaria Tricostata*. [Journal of Applied Phycology](#), 27(5), 2123-2135.
- 55 Antunez, E. E., Salazar-Kuri, U., Estevez, J. O., Campos, J., Basurto, M. A., Sandoval, S. J. & Agarwal, V. (2015). Porous Silicon-Vo₂ Based Hybrids as Possible Optical Temperature Sensor: Wavelength-Dependent Optical Switching From Visible to Near-Infrared Range. [Journal of Applied Physics](#), 118(13), 134503.
- 56 Quinones-Galvan, J. G., Camps, E., Campos-Gonzalez, E. et al. (2015). Influence of plasma parameters and substrate temperature on the structural and optical properties of CdTe thin films deposited on glass by laser ablation. [Journal of Applied Physics](#), 118(12), 125304.
- 57 Cerecedo, D., Martinez-Vieyra, I., Maldonado-Garcia, D., Hernandez-Gonzalez, E. & Winder, S. J. (2015). Association of Membrane/Lipid Rafts With the Platelet Cytoskeleton and the Caveolin Py14: Participation in the Adhesion Process. [Journal of Cellular Biochemistry](#), 116(11), 2528-2540.

- 58 Ruiz-Santoyo, J. A., Rodriguez-Matus, M., Cabellos, J. L., Yi, J. T., Pratt, D. W., Schmitt, M., Merino, G. & Alvarez-Valtierra, L. (2015). Intramolecular Structure and Dynamics of Mequinol and Guaiacol in the Gas Phase: Rotationally Resolved Electronic Spectra of Their S-1 States. [Journal of Chemical Physics](#), 143(9), 094301.
- 59 Zuniga-Gutierrez, B., Camacho-Gonzalez, M., Bendana-Castillo, A., Simon-Bastida, P., Calaminici, P. & Koster, A. M. (2015). Efficient Calculation of Nuclear Spin-Rotation Constants From Auxiliary Density Functional Theory. [Journal of Chemical Physics](#), 143(10), 104103.
- 60 Rodriguez-Vera, L., Ramos-Suzarte, M., Fernandez-Sanchez, E., Soriano, J. L., Guitart, C. P., Hernandez, G. C., Jacobo-Cabral, C. O., Suarez, N. D. & Codina, H. C. (2015). Semimechanistic Model to Characterize Nonlinear Pharmacokinetics of Nimotuzumab in Patients With Advanced Breast Cancer. [Journal of Clinical Pharmacology](#), 55(8), 888-898.
- 61 Pan, S., Gupta, A., Saha, R., Merino, G. & Chattaraj, P. K. (2015). A coupled-cluster study on the noble gas binding ability of metal cyanides versus metal halides (metal = Cu, Ag, Au). [Journal of Computational Chemistry](#), 36, 2168-2176.
- 62 Vazquez, C., Fridman, L., Collado, J. & Castillo, I. (2015). Second-Order Sliding Mode Control of a Perturbed-Crane. [Journal of Dynamic Systems Measurement and Control-Transactions of the Asme](#), 137(8), 081010.
- 63 Jardon-Aguilar, H., Tirado-Mendez, J. A., Pena-Rivero, R. & Flores-Leal, R. (2015). Multiband-Multislot Planar Antenna Based on Small Loop-Radiator. [Journal of Electromagnetic Waves and Applications](#), 29(15), 2066-2079.
- 64 Ramirez-Rico, G., Martinez-Castillo, M., De La Garza, M., Shibayama, M. & Serrano-Luna, J. (2015). Acanthamoeba Castellanii Proteases Are Capable of Degrading Iron-Binding Proteins as a Possible Mechanism of Pathogenicity. [Journal of Eukaryotic Microbiology](#), 62(5), 614-622.
- 65 Zuniga-Galindo, W. A. (2015). The Non-Archimedean Stochastic Heat Equation Driven by Gaussian Noise. [Journal of Fourier Analysis and Applications](#), 21(3), 600-627.
- 66 Abramowicz, H., Abt, I., Adamczyk, L. et al. (2015). Combination of Differential D*() Cross-Section Measurements in Deep-Inelastic Ep Scattering at Hera. [Journal of High Energy Physics](#), (9), 149.
- 67 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of Charm and Beauty Production at Central Rapidity Versus Charged-Particle Multiplicity in Proton-Proton Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (9), 148.
- 68 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of Jet Quenching With Semi-Inclusive Hadron-Jet Distributions in Central Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (9), 170.
- 69 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Neutral Color-Octet Weak-Triplet Scalar Particles in Proton-Proton Collisions at Root S=8tev. [Journal of High Energy Physics](#), (9), 201.

70 Lopez, Y., Manrique, V., Niubo, E. et al. (2015). Cost-Effective Procedure for Streptococcus Pyogenes Immobilized Dna Preparation and Minipfge Subtyping. [Journal of Infection in Developing Countries](#), 9(7), 710-719.

71 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Performance of Photon Reconstruction and Identification With the Cms Detector in Proton-Proton Collisions at Root S=8tev. [Journal of Instrumentation](#), 10, P08010.

72 Grudsky, S., Remling, C. & Rybkin, A. (2015). The Inverse Scattering Transform for the Kdv Equation With Step-Like Singular Miura Initial Profiles. [Journal of Mathematical Physics](#), 56(9), 091505.

73 Lopez-Haro, S. A., Gutierrez, M. I., Vera, A. & Leija, L. (2015). Modeling the Thermo-Acoustic Effects of Thermal-Dependent Speed of Sound and Acoustic Absorption of Biological Tissues During Focused Ultrasound Hyperthermia. [Journal of Medical Ultrasonics](#), 42(4), 489-498.

74 Escobar-Tovar, L., Magana-Ortiz, D., Fernandez, F., Guzman-Quesada, M., Sandoval-Fernandez, J. A., Ortiz-Vazquez, E., Loske, A. M. & Gomez-Lim, M. A. (2015). Efficient transformation of Mycosphaerella fijiensis by underwater shock waves. [Journal of Microbiological Methods](#), 119, 98-105.

75 Ortega-Amaya, R., Matsumoto, Y., Perez-Guzman, M. A. & Ortega-Lopez, M. (2015). In Situ Synthesis of Cu₂O and Cu Nanoparticles During the Thermal Reduction of Copper Foil-Supported Graphene Oxide. [Journal of Nanoparticle Research](#), 17(10), 397.

76 Ortega, F. J., Cardona-Alvarado, M. I., Mercader, J. M. et al. (2015). Circulating Profiling Reveals the Effect of a Polyunsaturated Fatty Acid-Enriched Diet on Common Micrnas. [Journal of Nutritional Biochemistry](#), 26(10), 1095-1101.

77 Juarez-Reyes, S. A., Ortega-Vidals, P. & Silva-Ortigoza, G. (2015). Wavefronts, Light Rays and Caustic Associated With the Refraction of a Spherical Wave by Two Interfaces: the Axicon and the Plano-Convex Parabolic Lenses. [Journal of Optics](#), 17(6), 065604.

78 Jimenez, C., Farfan, N., Romero-Avila, M., Santillan, R., Malfant, I. & Lacroix, P. G. (2015). Light induced nonlinear optical switch in boronated chromophores: A theoretical search towards high contrast switches in the azobenzene series. [Journal of Organometallic Chemistry](#), 799-800, 215-222.

79 Rosas-Ortiz, O., Castanos, O. & Schuch, D. (2015). New Supersymmetry-Generated Complex Potentials With Real Spectra. [Journal of Physics a: Mathematical and Theoretical](#), 48(44), 445302.

80 Chryssomalakos, C., Hernandez-Coronado, H. & Serrano-Ensastiga, E. (2015). Do Free-Falling Quantum Cats Land on Their Feet? [Journal of Physics a-Mathematical and Theoretical](#), 48(29), 295301.

- 81 Acosta Lua, C., Castillo Toledo, B., Cespi, R. & Di Gennaro, S. (2015). An integrated active nonlinear controller for wheeled vehicles. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 352(11), 4890-4910.
- 82 Ortega, A. R., Toscano, R. A., Hernandez-barragan, A., Alvarez-Cisneros, C. & Joseph-Nathan, P. (2015). Structure elucidation of a new isoflavone by exclusive use of 1H NMR measurements. [Magnetic Resonance in Chemistry](#), 53, 860-865.
- 83 Alvarado-Beltran, C. G., Almaral-Sanchez, J. L. & Ramirez-Bon, R. (2015). Low temperature processing of multilayer dielectrics mirrors by sol-gel method. [Materials Letters](#), 161, 523-526.
- 84 Avila, L. G. C., Pastor, F. G. & Roman, M. D. C. (2015). Evolution of Texture and Microstructure During Thermo-Mechanical Processing in Ultrathin Low Carbon Steels. [Materia-Rio De Janeiro](#), 20(3), 714-721.
- 85 Pech-May, N. W., Cifuentes, A., Mendioroz, A., Oleaga, A. & Salazar, A. (2015). Simultaneous Measurement of Thermal Diffusivity and Effusivity of Solids Using the Flash Technique in the Front-Face Configuration. [Measurement Science & Technology](#), 26(8), 085017.
- 86 De Leon, M. & Castillejos, A. H. (2015). Physical and Mathematical Modeling of Thin Steel Slab Continuous Casting Secondary Cooling Zone Air-Mist Impingement. [Metallurgical and Materials Transactions B-Process Metallurgy and Materials Processing Science](#), 46(5), 2028-2048.
- 87 Sanchez-Sandoval, E., Diaz-Quezada, C., Velazquez, G., Arroyo-Navarro, L. F., Almanza-Martinez, N., Trasvina-Arenas, C. H. & Brieba, L. G. (2015). Yeast Mitochondrial Rna Polymerase Primes Mitochondrial Dna Polymerase at Origins of Replication and Promoter Sequences. [Mitochondrion](#), 24, 22-31.
- 88 Gutierrez, J., Garcia-Villa, E., Ocadiz-Delgado, R. et al. (2015). Human Papillomavirus Type 16 E7 Oncoprotein Upregulates the Retinoic Acid Receptor-Beta Expression in Cervical Cancer Cell Lines and K14e7 Transgenic Mice. [Molecular and Cellular Biochemistry](#), 408(1-2), 261-272.
- 89 Lopez-Garcia, S., Castaneda-Sanchez, J. I., Jimenez-Arellanes, A., Dominguez-Lopez, L., Castro-Mussot, M. E., Hernandez-Sanchez, J. & Luna-Herrera, J. (2015). Macrophage Activation by Ursolic and Oleanolic Acids During Mycobacterial Infection. [Molecules](#), 20(8), 14348-14364.
- 90 Escobar-Guzman, R., Rodriguez-Leal, D., Vielle-Calzada, J. P. & Ronceret, A. (2015). Whole-Mount Immunolocalization to Study Female Meiosis in Arabidopsis. [Nature Protocols](#), 10(10), 1535-1542.
- 91 Ruiz-Herrera, J., Leon-Ramirez, C., Vera-Nunez, A., Sanchez-Arreguin, A., Ruiz-Medrano, R., Salgado-Lugo, H., Sanchez-Segura, L. & Pena-Cabriales, J. J. (2015). A Novel Intracellular Nitrogen-Fixing Symbiosis Made by Ustilago Maydis and Bacillus Spp. [New Phytologist](#), 207(3), 769-777.
- 92 Aab, A., Abreu, P., Aglietta, M. et al. (2015). The Pierre Auger Cosmic Ray Observatory. [Nuclear Instruments & Methods in Physics Research Section a-Accelerators Spectrometers Detectors and Associated Equipment](#), 798, 172-213.

- 93 Vazquez, G. V., Munoz, G., Camarillo, I., Falcony, C., Caldino, U. & Lira, A. (2015). Spectroscopic Analysis of a Novel Nd³⁺-Activated Barium Borate Glass for Broadband Laser Amplification. [Optical Materials](#), 46, 97-103.
- 94 Villarreal-Cervantes, M. G., Cruz-Villar, C. A. & Alvarez-Gallegos, J. (2015). Synergetic Structure-Control Design Via a Hybrid Gradient-Evolutionary Algorithm. [Optimization and Engineering](#), 16(3), 511-539.
- 95 Mendoza-Espinosa, D., Gonzalez-Olvera, R., Negron-Silva, G. E., Angeles-Beltran, D., Suarez-Castillo, O. R., Alvarez-Hernandez, A. & Santillan, R. (2015). Phenoxy-linked mesoionic triazol-5-ylidenes as platform for multinuclear transition metal complexes. [Organometallics](#), 34, 4529-4542.
- 96 Garcia-Herrera, J. E., Alvarado-Orozco, J. M., Munoz-Saldana, J., Garcia-Fresnillo, L. & Meier, G. H. (2015). The Effect of Different So₂/So₃ Catalytic Media on High-Temperature Corrosion Processes (Hot Corrosion, Fireside Corrosion, Sulfidation-Oxidation). [Oxidation of Metals](#), 84(3-4), 233-240.
- 97 Cruz, R., Ramirez, C., Rojas, O. I., Casas-Mejia, O., Kouri, J. B. & Vega-Lopez, M. A. (2015). Menisectomized miniature Vietnamese pigs develop articular cartilage pathology resembling osteoarthritis. [Pathology-Research and Practice](#), 211(11), 829-838.
- 98 Rincon, C., Torres, T. E., Sagredo, V., Jimenez-Sandoval, S. J. & Mares-Jacinto, E. (2015). The fundamental absorption edge in MnIn₂Se₄ layer semi-magnetic semiconductor. [Physica B-Condensed Matter](#), 477, 123-128.
- 99 Maldonado-Villamizar, F. H. (2015). Semitransparent One-Dimensional Potential: a Green's Function Approach. [Physica Scripta](#), 90(6), 065202.
- 100 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Simultaneous Measurement of Forward-Backward Asymmetry and Top Polarization in Dilepton Final States From T(T)Over-Bar Production at the Tevatron. [Physical Review D](#), 92(5), 052007.
- 101 Escrihuela, F. J., Forero, D. V., Miranda, O. G., Tortola, M. & Valle, J. W. F. (2015). On the Description of Nonunitary Neutrino Mixing. [Physical Review D](#), 92(5), 053009.
- 102 Guevara, A., Castro, G. L., Roig, P. & Tostado, S. L. (2015). Long-Distance Weak Annihilation Contribution to the B^{+/-} -> (Pi^{+/-}),K^{+/-})L⁽⁺⁾L⁽⁻⁾ Decays. [Physical Review D](#), 92(5), 054035.
- 103 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of Diffractive Dissociation Cross Sections in Pp Collisions at Root S=7 Tev. [Physical Review D](#), 92(1), 012003.
- 104 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for the Standard Model Higgs Boson Produced Through Vector Boson Fusion and Decaying to B(B)Over-Bar. [Physical Review D](#), 92(3), 032008.
- 105 Aaltonen, T., Abazov, V. M., Abbott, B. et al. (2015). Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element V-Tb. [Physical Review Letters](#), 115(15), 152003.

- 106 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Measurement of charged jet production cross sections and nuclear modification in p-Pb collisions at $\sqrt{s(Nn)}=5.02$ TeV. [Physics Letters B](#), 749, 68-81.
- 107 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the $\Upsilon(1S)$, $\Upsilon(2S)$ and $\Upsilon(3S)$ differential cross sections in pp collisions at $\sqrt{s} = 7$ TeV. [Physics Letters B](#), 749, 14-34.
- 108 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Z boson differential cross section in transverse momentum and rapidity in proton-proton collisions at 8 TeV. [Physics Letters B](#), 749, 187-209.
- 109 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for a Pseudoscalar Boson Decaying Into a Z Boson and the 125 GeV Higgs Boson in $L^{+}L^{-}B(B)\text{-}\bar{B}$ Final States. [Physics Letters B](#), 748, 221-243.
- 110 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for lepton-flavour-violating decays of the Higgs boson. [Physics Letters B](#), 749, 337-362.
- 111 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Narrow High-Mass Resonances in Proton-Proton Collisions at $\sqrt{s}=8$ TeV Decaying to a Z and a Higgs Boson. [Physics Letters B](#), 748, 255-277.
- 112 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for resonant pair production of Higgs bosons decaying to two bottom quark-antiquark pairs in proton-proton collisions at 8 TeV. [Physics Letters B](#), 749, 560-582.
- 113 Kosmas, T. S., Miranda, O. G., Papoulias, D. K., Tortola, M. & Valle, J. W. F. (2015). Sensitivities to neutrino electromagnetic properties at the TEXONO experiment. [Physics Letters B](#), 750, 459-465.
- 114 Colado-Velazquez, J. i., Mailloux-Salinas, P., Medina-Contreras, J. M. L., Cruz-Robles, D. & Bravo, G. (2015). Effect of *Serenoa Repens* on Oxidative Stress, Inflammatory and Growth Factors in Obese Wistar Rats With Benign Prostatic Hyperplasia. [Phytotherapy Research](#), 29(10), 1525-1531.
- 115 Rodriguez-Martinez, N. A., Salazar-Garcia, M. G., Ramirez-Wong, B., Islas-Rubio, A. R., Platt-Lucero, L. C., Morales-Rosas, I., Marquez-Melendez, R. & Martinez-Bustos, F. (2015). Effect of Malting and Nixtamalization Processes on the Physicochemical Properties of Instant Extruded Corn Flour and Tortilla Quality. [Plant Foods for Human Nutrition](#), 70(3), 275-280.
- 116 Gamez-Mendez, A. M., Vargas-Robles, H., Rios, A. & Escalante, B. (2015). Oxidative Stress-Dependent Coronary Endothelial Dysfunction in Obese Mice. [Plos One](#), 10(9), e0138609.
- 117 Perez-Rosas, N. C., Gomez-Viquez, N. L., Dagnino-Acosta, A., Santillan, M. & Guerrero-Hernandez, A. (2015). Kinetics on Demand Is a Simple Mathematical Solution That Fits Recorded Caffeine-Induced Luminal Sr Ca^{2+} Changes in Smooth Muscle Cells. [Plos One](#), 10(9), e013819

- 118 Rodriguez-Munoz, R., Cardenas-Aguayo, M. D., Aleman, V., Osorio, B., Chavez-Gonzalez, O., Rendon, A., Martinez-Rojas, D. & Meraz-Rios, M. A. (2015). Novel Nuclear Protein Complexes of Dystrophin 71 Isoforms in Rat Cultured Hippocampal Gabaergic and Glutamatergic Neurons. [Plos One](#), 10(9), e0137328.
- 119 Rivera-Garcia, M. T., Lopez-Rubalcava, C. & Cruz, S. L. (2015). Preclinical Characterization of Toluene as a Non-Classical Hallucinogen Drug in Rats: Participation of 5-Ht, Dopamine and Glutamate Systems. [Psychopharmacology](#), 232(20), 3797-3808.
- 120 Lazo-Arjona, O., Cordourier-Maruri, G. & De Coss, R. (2015). Entanglement of Magnetic Impurities Through Electron Scattering in an Electric Field. [Quantum Information Processing](#), 14(10), 3757-3772.
- 121 Cortes, J. L., Bautista, F., Quintana, P., Aguilar, D. & Goguichaishvili, A. (2015). The Color of Urban Dust as an Indicator of Contamination by Potentially Toxic Elements: the Case of Ensenada, Baja California, Mexico. [Revista Chapingo Serie Ciencias Forestales Y Del Ambiente](#), 21(3), 255-266.
- 122 Carmona-Tellez, S., Alarcon-Flores, G., Zaleta-Alejandre, E., Rivera-Alvarez, Z., Meza-Rocha, A. N., Martinez-Martinez, R., Murrieta, H., Aguilar-Frutis, M. & Falcony, C. (2015). Luminescent Polystyrene Films, a Novel Way to Reduce Styrofoam Residues. [Revista Mexicana De Fisica](#), 61(5), 323-329.
- 123 Arreaga-Garcia, G. & Klapp, J. (2015). Formation of Accretion Centers in Simulations of Colliding Uniform Density H-2 Cores. [Russian Review](#), 74(4), 695-706.
- 124 Moguel, B., Moreno-Mendoza, N., Bobes, R. J., Carrero, J. C., Chimal-Monroy, J., Diaz-Hernandez, M. E., Herrera-Estrella, L. & Lacleite, J. P. (2015). Transient Transgenesis of the Tapeworm Taenia Crassiceps. [Springerplus](#), 4, 496.
- 125 Galvan-Reyes, C., Salinas-Rodriguez, A. & Fuentes-Aceituno, J. C. (2015). Degradation and Crystalline Reorganization of Hureaulite Crystals During the Manganese Phosphating of a High Strength Steel. [Surface & Coatings Technology](#), 275, E10-E20.
- 126 Machuca, E., Granados, G., Hinojosa, B. & Juaristi, E. (2015). Synthesis and evaluation of (S)-proline-containing dipeptidic organocatalysts bound to MBHA resin in asymmetric aldol reactions. [Tetrahedron Letters](#), 56(44), 6047-6051.
- 127 Montoya, C., Cervantes, R. & Tiburcio, J. (2015). Neutral bis(benzimidazole) Lambda-shaped anion receptor. [Tetrahedron Letters](#), 56(45), 6177-6182.
- 128 Gonzalez, J., Guzman-Saenz, A. & Xicotencatl, M. (2015). The cohomology ring away from 2 of configuration spaces on real projective spaces. [Topology and Its Applications](#), 194, 317-348.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

129 Ramirez-Vargas, R., Serrano-Silva, N., Navarro-Noya, Y. E., Alcantara-Hernandez, R. J., Luna-Guido, M., Thalasso, F. & Dendooven, L. (2015). 454 Pyrosequencing-Based Characterization of the Bacterial Consortia in a Well Established Nitrifying Reactor. [Water Science and Technology](#), 72(6), 990-997.

130 Martinez-Herrera, A., Aragon, J., Bermudez-Cruz, R. M. et al. (2015). In silico analyses of dystrophin Dp40 cellular distribution, nuclear export signals and structure modeling. [Data in Brief](#), 4, 349-352.

131 Benhaliliba, M., Tiburcio-Silver, A., Avila-Garcia, A., Tavira, A., Ocak, Y. S., Aida, M. S. & Benouis, C. E. (2015). The Sprayed ZnO Films: Nanostructures and Physical Parameters. [Journal of Semiconductors](#), 36(8), 083001.

132 Yongye, L., Jang, K., Velumani, S., Thi-Nguyen, C. P. & Yi, J. (2015). Effects of Interface Trap Density on the Electrical Performance of Amorphous InSnZnO Thin-Film Transistor. [Journal of Semiconductors](#), 36(2), 024007.

133 Escamilla-Perez, A. M., Cortes-Hernandez, D. A., Almanza-Robles, J. M., Mantovani, D. & Chevallier, P. (2015). Magnetic Properties of Mg_{0.4}Ca_{0.6}Fe₂O₄ Nanoparticles Synthesized by Sol-Gel Method for Hyperthermia Treatment. [Key Engineering Materials](#), 631, 193-197.

134 Levine, M. N., Fargher, L. F., Cecil, L. G. & Forde, J. E. (2015). Polychrome Pottery Economics and Ritual Life in Postclassic Oaxaca, Mexico. [Latin American Antiquity](#), 26(3), 319-340.

135 Berenguer, J. A. M. & Coello, C. A. C. (2015). Evolutionary Many-Objective Optimization Based on Kuhn-Munkres' Algorithm. [Lecture Notes in Computer Science](#), 9019, 3-17.

136 Chi, J. J. & Oliveira, T. (2015). Attacking a Binary Gls Elliptic Curve With Magma. [Lecture Notes in Computer Science](#), 9230, 308-326.

137 Hernandez, V. A. S., Schutze, O., Trautmann, H. & Rudolph, G. (2015). On the Behavior of Stochastic Local Search Within Parameter Dependent Mops. [Lecture Notes in Computer Science](#), 9019, 126-140.

138 Jaime, K., Cervantes, A., Medina, O., Ramos, F., Rosales, J. H., Torres, G. & Ramos, M. (2015). A Middleware for Integrating Cognitive Architectures. [Lecture Notes in Computer Science](#), 9250, 435-444.

139 Jauregui, S., Barbeau, M., Kranakis, E., Scalabrin, E. & Siller, M. (2015). Localization of a Mobile Node in Shaded Areas. [Lecture Notes in Computer Science](#), 9143, 93-106.

140 Lopez, E. M., Antonio, L. M. & Coello, C. A. C. (2015). A Gpu-Based Algorithm for a Faster Hypervolume Contribution Computation. [Lecture Notes in Computer Science](#), 9019, 80-94.

141 Menchaca-Mendez, A. & Coello, C. A. C. (2015). Gd-Moea: a New Multi-Objective Evolutionary Algorithm Based on the Generational Distance Indicator. [Lecture Notes in Computer Science](#), 9018, 156-170.

142 Morales-Sandoval, M. & Diaz-Perez, A. (2015). Det-Abe: a Java Api for Data Confidentiality and Fine-Grained Access Control From Attribute Based Encryption. [Lecture Notes in Computer Science](#), 9311, 104-119.

143 Aggoune, W., Castillo-Toledo, B. & DiGennaro, S. (2015). Self-Triggered Robust Control of Nonlinear Stochastic Systems. [Lecture Notes in Control and Information Sciences](#), 457, 277-292.

144 Cantoral-Uriza, R. (2015). Mesa "Las politicas cientificas nacionales y la evaluacion de las revistas de investigacion": seminario permanente de editores. [Perfiles Educativos](#), 37(149), 204-212.

145 Block, D., Ramirez, M. & Resendiz, L. (2015). Las ayudas personalizadas como recurso de enseñanza de las matemáticas en un aula multigrado: un estudio de caso. [Revista Mexicana de Investigacion Educativa](#), 20(66), 711-735.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

146 Perez-Cruz, C. & Diaz-Cintra, S. (2015). Editorial: Nutrition and Prevention of Alzheimer's Disease. [Frontiers in Aging Neuroscience](#), 7, 170.

147 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Precision Measurement of the Mass Difference Between Light Nuclei and Anti-Nuclei. [Nature Physics](#), 11(10), 811-U120.

148 Markow, T. A. (2015). Drosophila Reproduction: Molecules Meet Morphology. [Proceedings of the National Academy of Sciences of the United States of America](#), 112(27), 8168-8169.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

149 Castro, B. E., Aguilar, E., Cabrera, L., Camacho, J., Hernandez, A., Ramn, G., Sadowinski, S., Orjuela, M. & Ponce, V. (2015). Analysis of Abcb1, Abcc1 and Abcg2 Expression and Clinical Parameters in 40 Primary Retinoblastoma Cases. [Clinical Cancer Research](#), 21, A26.

150 Cruz, S. L., Molina, L. & Gonzalez-Espinosa, C. (2015). Morphine and fentanyl chronic effects on lipopolysaccharide response and opioid receptor localization in mast cells. [Drug and Alcohol Dependence](#), 156, e51-e52.

151 Villegas-Pineda, J. C., Toledo-Leyva, A., Garibay-Cerdenares, O. L., Hernandez-Ramirez, V. I., Gallardo-Rincon, D., De Leon, D. C., Perez-Montiel-Gomez, M. & Talamas-Rohana, P. (2015). Expression of Integrins Alpha 5 Beta 1, Alpha 6 Beta 4 and Alpha V Beta 3 and Fucosylated Haptoglobin in Biopsies of Patients With Epithelial Ovarian Cancer. [European Journal of Cancer](#), 51, S534.

152 Avila, M. V., Acosta, E. D., Martinez, B. L., Schnoor, M. & Pelayo, R. (2015). Cortactin Is Differentially Expressed in B-Cell Precursor Cells: Implications for Childhood Acute Lymphoblastic Leukemia. [Faseb Journal](#), 29, 926.11.

153 Citalan-Madrid, A., Garcia, A., Vargas, H., Betanzos, A., Nava, P., Rottner, K., Menningen, R. & Schnoor, M. (2015). Loss of Cortactin Is Associated With Intestinal Epithelial Barrier Dysfunction and Development of Colitis. [Faseb Journal](#), 29, 282.1.

154 Gomez-Suarez, M., Hernandez, M., Candelario, A., Schnoor, M., Ortiz-Navarrete, V., Villegas-Sepulveda, N. & Nava, P. (2015). Autophagy Triggered by P14.3.3z Induces Akt Full Activation in Intestinal Epithelial Cells. [Faseb Journal](#), 29, 148.1.

155 Diaz-Chavez, J., Roman-Rosales, A., Garcia-Villa, E., Gariglio, P. & Herrera, L. A. (2015). Mutant P53 Gain-of-Function Induces Her2 Over-Expression. *International Journal of Molecular Medicine*, 36, S44.

156 Chang, R., Pimentel, F. F. & Webster, T. (2015). Enhanced Osteoblast Proliferation on Poly-Hema Hydrogel Loaded With Nanocrystalline Hydroxyapatite and Arginine-Rich-Rgd Amphiphilic Peptide. [Tissue Engineering Part a](#), 21, S299.

157 Esquivel-Gaon, M., Uribe-Ramirez, M., Solorio-Rodriguez, A., Escamilla-Rivera, V., Munoz-Saldana, J. & De Vizcaya-Ruiz, A. (2015). Biocompatibility evaluation of hydroxyapatite coatings for prosthetic applications: ABSTRACTS OF THE 51st Congress of the European Societies of Toxicology (EUROTOX). [Toxicology Letters](#), 238(2, Supplement), S94.

158 Deluna, A., Avelar-Rivas, A., Campos, S. E. & Garay, E. (2015). Selected Talk: Aging Mechanisms Revealed by Large-Scale Genetic and Environmental Interactions in Yeast. [Yeast](#), 32, S41.

159 Espinosa-Cantu, A. & Deluna, A. (2015). Enzymes With Multiple Roles: Exploring the Molecular Basis of Pleiotropy in Yeast. [Yeast](#), 32, S233-S234.

160 Voordeckers, K., Kominek, J., Das, A., Espinosa-Cantu, A., De Maeyer, D., Marchal, K., Deluna, A., Jelier, R. & Verstrepen, K. (2015). Adaptation to High Ethanol Reveals Complex Evolutionary Pathways. [Yeast](#), 32, S272.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

161 Romano, M. C., Jimenez, P., Miranda-Brito, C. & Valdez, R. A. (2015). Parasites and Steroid Hormones: Corticosteroid and Sex Steroid Synthesis, Their Role in the Parasite Physiology and Development. [Frontiers in Neuroscience](#), 9, 224.

162 Quintero-Vasquez, G. A., Bermudez-Cruz, R. M. & Castillo-Cadena, J. (2015). Male infertility and spermatic DNA fragmentation: a current problem. [Tip Revista Especializada En Ciencias Quimico-Biologicas](#), 18(2), 144-151.

ARTÍCULOS DEL MES DE NOVIEMBRE DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Navone, L., Macagno, J. P., Licon-Cassani, C., Marcellin, E., Nielsen, L. K., Gramajo, H. & Rodriguez, E. (2015). Allr Controls the Expression of Streptomyces Coelicolor Allantoin Pathway Genes. [Applied and Environmental Microbiology](#), 81(19), 6649-6659.
- 2 Bahrami, A., Pech-Canul, M. I., Gutierrez, C. A. & Soltani, N. (2015). Wetting and reaction characteristics of crystalline and amorphous SiO₂ derived rice-husk ash and SiO₂/SiC substrates with Al-Si-Mg alloys. [Applied Surface Science](#), 357, 1104-1113.
- 3 Quintana, P., Tiesler, V., Conde, M., Trejo-Tzab, R., Bolio, C., Alvarado-Gil, J. J. & Aguilar, D. (2015). Spectrochemical Characterization of Red Pigments Used in Classic Period Maya Funerary Practices. [Archaeometry](#), 57(6), 1045-1059.
- 4 Castelblanco-Matiz, L. M., Barbachano-Torres, A., Ponce-Noyola, T. et al. (2015). Carotenoid Production and Gene Expression in an Astaxanthin-Overproducing Xanthophyllomyces Dendrorhous Mutant Strain. [Archives of Microbiology](#), 197(10), 1129-1139.
- 5 Hernandez-Perez, M. A., Del Muro-Cuellar, B. & Velasco-Villa, M. (2015). Pid for the Stabilization of High-Order Unstable Delayed Systems With Possible Complex Conjugate Poles. [Asia-Pacific Journal of Chemical Engineering](#), 10(5), 687-699.
- 6 Garcias-Morales, C., Ortegon-Reyna, D. & Ariza-Castolo, A. (2015). Investigation of the Role of Stereoelectronic Effects in the Conformation of Piperidones by Nmr Spectroscopy and X-Ray Diffraction. [Beilstein Journal of Organic Chemistry](#), 11, 1973-1984.
- 7 Vallejo-Flores, G., Torres, J., Sandoval-Montes, C. et al. (2015). Helicobacter Pylori Caga Suppresses Apoptosis Through Activation of Akt in a Nontransformed Epithelial Cell Model of Glandular Acini Formation. [Biomed Research International](#), 2015, 761501.
- 8 Valdes-Rodriguez, S., Galvan-Ramirez, J. P., Guerrero-Rangel, A. & Cedro-Tanda, A. (2015). Multifunctional Amaranth Cystatin Inhibits Endogenous and Digestive Insect Cysteine Endopeptidases: a Potential Tool to Prevent Proteolysis and for the Control of Insect Pests. [Biotechnology and Applied Biochemistry](#), 62(5), 634-641.
- 9 Jimenez, A., Young, L. J., Triana-Del Rio, R., LaPrairie, J. L. & Gonzalez-Mariscal, G. (2015). Neuroanatomical distribution of oxytocin receptor binding in the female rabbit forebrain: Variations across the reproductive cycle. [Brain Research](#), 1629, 329-339.
- 10 Garibay-Cerdenares, O. L., Hernandez-Ramirez, V. I., Osorio-Trujillo, J. C., Gallardo-Rincon, D. & Talamas-Rohana, P. (2015). Haptoglobin and Ccr2 Receptor Expression in Ovarian Cancer Cells That Were Exposed to Ascitic Fluid: Exploring a New Role of Haptoglobin in the Tumoral Microenvironment. [Cell Adhesion & Migration](#), 9(5), 394-405.

- 11 Muñoz-Islas, E., Gonzalez-Hernandez, A., Lozano-Cuenca, J., Ramirez-Rosas, M. B., Medina-Santillan, R., Centurion, D., Maassenvandenbrink, A. & Villalon, C. M. (2015). Inhibitory Effect of Chronic Oral Treatment With Fluoxetine on Capsaicin-Induced External Carotid Vasodilatation in Anaesthetised Dogs. [Cephalalgia](#), 35(12), 1041-1053.
- 12 Arvizu-Rodriguez, L. E., Palacios-Padros, A., Chale-Lara, F., Fernandez-Munoz, J. L., Diez-Perez, F., Espinosa-Faller, F. J., Sandoval, J. & Caballero-Briones, F. (2015). Phase and surface modification by electrochemical post deposition treatments in ultrasonic-assisted CuInSe₂/Cu electrodeposited films. [Chalcogenide Letters](#), 12(10), 537-545.
- 13 Bustos-Rubilar, A. S. & Zubieta-Badillo, G. (2015). Discovery of mathematical knowledge by reformulation of false conjectures in an proofs and refutations environment. [Ensenanza de las Ciencias](#), 33(3), 117-136.
- 14 Santiago-Paz, J., Torres-Roman, D., Figueroa-Ypina, A. & Argaez-Xool, J. (2015). Using Generalized Entropies and Oc-Svm With Mahalanobis Kernel for Detection and Classification of Anomalies in Network Traffic. [Entropy](#), 17(9), 6239-6257.
- 15 Sharma, P. P., Santiago, M. A., Gonzalez-Santillan, E., Monod, L. & Wheeler, W. C. (2015). Evidence of Duplicated Hox Genes in the Most Recent Common Ancestor of Extant Scorpions. [Evolution & Development](#), 17(6), 347-355.
- 16 Martinez-Revollar, G., Garay, E., Martin-Tapia, D., Nava, P., Huerta, M., Lopez-Bayghen, E., Meraz-Cruz, N., Segovia, J. & Gonzalez-Mariscal, L. (2015). Heterogeneity between triple negative breast cancer cells due to differential activation of Wnt and PI3K/AKT pathways. [Experimental Cell Research](#), 339(1), 67-80.
- 17 Jose-Garcia, A., Lopez-Arevalo, I. & Sosa-Sosa, V. J. (2015). Rule-Based Approach for Topic Maps Learning From Relational Databases. [Expert Systems](#), 32(5), 609-621.
- 18 Lopez-Medina, M., Carrillo-Martin, I., Leyva-Rangel, J., Alpuche-Aranda, C. & Ortiz-Navarrete, V. (2015). Salmonella Impairs Cd8 T Cell Response Through Pd-1: Pd-L Axis. [Immunobiology](#), 220(12), 1369-1380.
- 19 Lopez-Medina, M., Perez-Lopez, A., Alpuche-Aranda, C. & Ortiz-Navarrete, V. (2015). Salmonella Induces Pd-L1 Expression in B Cells. [Immunology Letters](#), 167(2), 131-140.
- 20 Batalshchikov, A., Grudsky, S., De Arellano, E. R. & Stukopin, V. (2015). Asymptotics of Eigenvectors of Large Symmetric Banded Toeplitz Matrices. [Integral Equations and Operator Theory](#), 83(3), 301-330.
- 21 Esmeral, K., Maximenko, E. & Vasilevski, N. (2015). C*-Algebra Generated by Angular Toeplitz Operators on the Weighted Bergman Spaces Over the Upper Half-Plane. [Integral Equations and Operator Theory](#), 83(3), 413-428.
- 22 Ramirez, A., Garrido, R. & Mondie, S. (2015). Velocity control of servo systems using an integral retarded algorithm. [Isa Transactions](#), 58, 357-366.

- 23 Altamirano-Gutierrez, A., Fernandez, A. M., Aruna, K. K., Manoharan, R., Karthikeyan, P., Siller-Ceniceros, A., Melendez-Gonzalez, P., Bartolo-Perez, P. & Rodriguez-Varela, F. J. (2015). Evaluation of Supported and Unsupported Pd-CeO₂ Nanostructured Anode Electrocatalysts for the Formic Acid and the Glycerol Oxidation Reactions in Acid Media. [Journal of Applied Electrochemistry](#), 45(11), 1195-1204.
- 24 Cepeda-Sanchez, N. M., Fuentes, A. F., Lopez-Cota, F. A., Rodriguez-Reyes, M. & Diaz-Guillen, J. A. (2015). Mechanochemical Synthesis and Electrical Properties of Gd₂Hf₂Xr₂O₇ Solid Electrolytes for Their Use in SOFC's. [Journal of Applied Electrochemistry](#), 45(11), 1231-1237.
- 25 Guevara-Hernandez, E., Arvizu-Flores, A. A., Lugo-Sanchez, M. E., Velazquez-Contreras, E. F., Castillo-Yanez, F. J., Brieba, L. G. & Sotelo-Mundo, R. R. (2015). A Novel Viral Thymidylate Kinase With Dual Kinase Activity. [Journal of Bioenergetics and Biomembranes](#), 47(5), 431-440.
- 26 Anselmo, H. I. J., Samuel, L. C. M., Ricardo, M. G., Natalie, S. G. & Bulmaro, C. (2015). Localization of τ -Dystrobrevin in Cajal Bodies and Nucleoli: a New Role for τ -Dystrobrevin in the Structure/Stability of the Nucleolus. [Journal of Cellular Biochemistry](#), 116(12), 2755-2765.
- 27 Franco-Perez, M., Gazquez, J. L., Ayers, P. W. & Vela, A. (2015). Revisiting the Definition of the Electronic Chemical Potential, Chemical Hardness, and Softness at Finite Temperatures. [Journal of Chemical Physics](#), 143(15), 154103.
- 28 Bahrami, A., Soltani, N. & Pech-Canul, M. I. (2015). Effect of Sintering Temperature on Tribological Behavior of Ce-TZP/Al₂O₃-Aluminum Nanocomposite. [Journal of Composite Materials](#), 49(28), 3507-3514.
- 29 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Coherent Rho(0) Photoproduction in Ultra-Peripheral Pb-Pb Collisions at $\sqrt{s(NN)}=2.76$ TeV. [Journal of High Energy Physics](#), (9), 95.
- 30 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Comparison of the Z/Gamma* Plus Jets to Gamma Plus Jets Cross Sections in Pp Collisions at $\sqrt{s}=8$ TeV. [Journal of High Energy Physics](#), (10), 128.
- 31 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for a Higgs Boson in the Mass Range From 145 to 1000 GeV Decaying to a Pair of W or Z Bosons. [Journal of High Energy Physics](#), (10), 144.
- 32 Jafari, R. & Yu, W. (2015). Fuzzy Control for Uncertainty Nonlinear Systems With Dual Fuzzy Equations. [Journal of Intelligent & Fuzzy Systems](#), 29(3), 1229-1240.
- 33 Gonzalez-Dominguez, E., Samaniego, R., Flores-Sevilla, J. L. et al. (2015). Cd163⁺ and Clec5a⁺ Discriminate Subsets of Human Resident and Inflammatory Macrophages in Vivo. [Journal of Leukocyte Biology](#), 98(4), 453-466.

- 34 Rangel-Chavez, L. G., Neria-Gonzalez, M. I., Marquez-Herrera, A., Zapata-Torres, M., Campos-Gonzalez, E., Zelaya-Angel, O., Guillen-Cervantes, A., Fernandez-Munoz, J. L. & Melendez-Lira, M. (2015). Synthesis of Cds Nanocrystals by Employing the by-Products of the Anaerobic Respiratory Process of *Desulfovibrio Alaskensis* 6sr Bacteria. [Journal of Nanomaterials](#), 2015, 260397.
- 35 Bojdecki, T., Gorostiza, L. G. & Talarczyk, A. (2015). From Intersection Local Time to the Rosenblatt Process. [Journal of Theoretical Probability](#), 28(3), 1227-1249.
- 36 Diaz-Torres, E., Romero-Paredes, G., Pena-Sierra, R. & Avila-Garcia, A. (2015). Formation and Characterization of Porous Silicon Films Obtained by Catalyzed Vapor-Chemical Etching. [Materials Science in Semiconductor Processing](#), 40, 533-538.
- 37 Kamekura, R., Nava, P., Feng, M. L., Quiros, M., Nishio, H., Weber, D. A., Parkos, C. A. & Nusrat, A. (2015). Inflammation-Induced Desmoglein-2 Ectodomain Shedding Compromises the Mucosal Barrier. [Molecular Biology of the Cell](#), 26(18), 3165-3177.
- 38 Alvarez-Ibarra, A. & Koster, A. M. (2015). A New Mixed Self-Consistent Field Procedure. [Molecular Physics](#), 113(19-20), 3128-3140.
- 39 Lopez Ruiz, J. R., Osuna Carrasco, L. P., Lopez Valenzuela, C. L., Franco Rodriguez, N. E., De la Torre-aldovinos, B., Jimenez Estrada, I., Duenas-Jimenez, J. M. & Duenas-Jimenez, S. H. (2015). The hippocampus participates in the control of locomotion speed. [Neuroscience](#), 311, 207-215.
- 40 Acuna-Macias, I., Vera, E., Vazquez-Sanchez, A. Y., Mendoza-Garrido, M. E. & Camacho, J. (2015). Differential Regulation of Human Eag1 Channel Expression by Serum and Epidermal Growth Factor in Lung and Breast Cancer Cells. [Oncotargets and Therapy](#), 8, 2959-2965.
- 41 Ramos-Sanchez, G., Praserthdam, S., Godinez-Salomon, F. et al. (2015). Challenges of Modelling Real Nanoparticles: Ni@Pt Electrocatalysts for the Oxygen Reduction Reaction. [Physical Chemistry Chemical Physics](#), 17(42), 28286-28297.
- 42 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Limits on the Higgs Boson Lifetime and Width From Its Decay to Four Charged Leptons. [Physical Review D](#), 92(7), 072010.
- 43 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Supersymmetry With Photons in Pp Collisions at Root S=8 Tev. [Physical Review D](#), 92(7), 072006.
- 44 Rivera-Agudelo, D. C. & Perez-Lorenzana, A. (2015). Generating Theta(13) From Sterile Neutrinos in Mu - Tau Symmetric Models. [Physical Review D](#), 92(7), 073009.
- 45 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Search for Violation of Cpt and Lorentz Invariance in B-S(0) Meson Oscillations. [Physical Review Letters](#), 115(16), 161601.
- 46 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for diphoton resonances in the mass range from 150 to 850 GeV in pp collisions at root s = 8 TeV. [Physics Letters B](#), 750, 494-519.

- 47 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Study of W boson production in pPb collisions at root sNN = 5.02 TeV. [Physics Letters B](#), 750, 565-586.
- 48 Casado, N. A. R., Horcasitas, M. D. M., Vazquez, R. R., Garcia, F. J. E., Vargas, J. P., Castolo, A. A., Ferrera-Cerrato, R., Guzman, O. G. & Calva, G. C. (2015). The Fatty Acid Profile Analysis of *Cyperus Laxus* Used for Phytoremediation of Soils From Aged Oil Spill-Impacted Sites Revealed That This Is a C18:3 Plant Species. [Plos One](#), 10(10), e0140103.
- 49 Salinas-Almaguer, S., Angulo-Sherman, A., Sierra-Valdez, F. J. & Mercado-Urbe, H. (2015). Sterilization by Cooling in Isochoric Conditions: the Case of *Escherichia Coli*. [Plos One](#), 10(10), e0140882.
- 50 Okonkwo, A. O., Jagadale, P., Herrera, J. E. G., Hadjiev, V. G., Saldana, J. M., Tagliaferro, A. & Hernandez, F. C. R. (2015). High-Toughness/Low-Friction Ductile Epoxy Coatings Reinforced With Carbon Nanostructures. [Polymer Testing](#), 47, 113-119.
- 51 Perez-Chi, A., Carrillo-Laguna, J., Aguilar-Figueroa, B. R., Ibanez-Cervantes, G., Lopez-Villegas, O. & Leon-Avila, G. (2015). Prevalence of *Haematoloechus Pulcher* Metacercariae (Digenea: Plagiorchioidea) in the Crayfish *Cambarellus Montezumae* in Salazar Lagoon, Estado De Mexico. [Revista Mexicana De Biodiversidad](#), 86(3), 730-736.
- 52 Velazquez, G., Sousa, R. & Briebe, L. G. (2015). The Thumb Subdomain of Yeast Mitochondrial Rna Polymerase Is Involved in Processivity, Transcript Fidelity and Mitochondrial Transcription Factor Binding. [Rna Biology](#), 12(5), 514-524.
- 53 Becerra-Martinez, E., Ramirez-Gualito, K. E., Perez-Hernandez, N. & Joseph-Nathan, P. (2015). Total 1H NMR assignment of 3Beta-acetoxypregna-5,16-dien-20-one. [Steroids](#), 104, 208-213.
- 54 Valdez, K., Espinosa-Arbelaez, D. G., Garcia-Herrera, J. E., Munoz-Saldana, J., Farias, M. H. & De La Cruz, W. (2015). Influence of Substrate Temperature and N-2/Ar Flow Ratio on the Stoichiometry, Structure and Hardness of Tanx Coatings Deposited by Dc Reactive Sputtering. [Surface and Interface Analysis](#), 47(11), 1015-1019.
- 55 Escamirosa, F. P., Flores, R. M. O., Garcia, I. O., Vidal, C. R. Z. & Martinez, A. M. (2015). Face, Content, and Construct Validity of the Endovis Training System for Objective Assessment of Psychomotor Skills of Laparoscopic Surgeons. [Surgical Endoscopy and Other Interventional Techniques](#), 29(11), 3392-3403.
- 56 Perez-Gonzalez, M., Tomas, S. A., Morales-Luna, M., Arvizu, M. A. & Tellez-Cruz, M. M. (2015). Optical, structural, and morphological properties of photocatalytic TiO₂-ZnO thin films synthesized by the sol-gel process. [Thin Solid Films](#), 594, 304-309.
- 57 Moore-Ambriz, T. R., Acuna-Hernandez, D. G., Ramos-Robles, B., Sanchez-Gutierrez, M., Santacruz-Marquez, R., Sierra-Santoyo, A., Pina-Guzman, B., Shibayama, M. & Hernandez-Ochoa, I. (2015). Exposure to bisphenol A in young adult mice does not alter ovulation but does alter the fertilization ability of oocytes. [Toxicology and Applied Pharmacology](#), 289(3), 507-514.

58 Hernandez-Garcia, R., Iruela-Arispe, M. L., Reyes-Cruz, G. & Vazquez-Prado, J. (2015). Endothelial RhoGEFs: A systematic analysis of their expression profiles in VEGF-stimulated and tumor endothelial cells. [Vascular Pharmacology](#), 74, 60-72.

59 Piedra-Quintero, Z. L., Apodaca-Medina, A. I., Beltran-Lopez, E., Leon-Sicairos, C. R., Chavez-Ontiveros, J., Rendon-Maldonado, J. G., Ortiz-Navarrete, V. F. & Lopez-Moreno, H. S. (2015). Immunoproteomic Identification of P29 Antigen as the Elongation Factor-1 Alpha of Leishmania Mexicana. [Vector-Borne and Zoonotic Diseases](#), 15(7), 449-452.

60 Rovito, S. M., Parra-Olea, G., Recuero, E. & Wake, D. B. (2015). Diversification and biogeographical history of neotropical plethodontid salamanders. [Zoological Journal of the Linnean Society](#), 175, 167-188.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

61 Briseno-Roa, J. (2015). Entrevistas comunitarias, la recuperacion del conocimiento comunitario desde la escuela: el caso de las secundarias comunitarias indigenas, Oaxaca, Mexico. [Archivos Analiticos De Politicas Educativas](#), 23(95), 2081.

62 Vasquez-Garzon, V. R., Beltran-Ramirez, O., Salcido-Neyoy, M. E., Cervante-Anaya, N. & Villa-Trevino, S. (2015). Analysis of Gene Expression Profiles as a Tool to Uncover Tumor Markers of Liver Cancer Progression in a Rat Model. [Biomedical Reports](#), 3(2), 167-172.

63 Castanos, F. & Gromov, D. (2015). Interconnection and damping assignment for implicit port-Hamiltonian systems. [Ifac-PapersOnLine](#), 48(11), 1006-1011.

64 Cuvas, C., Mondie, S. & Ochoa, G. (2015). Distributed delay systems with truncated Gamma distribution: instability regions. [Ifac-PapersOnLine](#), 48(12), 239-244.

65 Egorov, A. V. & Mondie, S. (2015). The delay Lyapunov matrix in robust stability analysis of time-delay systems. [Ifac-PapersOnLine](#), 48(12), 245-250.

66 Jimenez-Lizarraga, M., Chapa, R., Rodriguez, C. & Castillo-Garcia, P. (2015). Zero-Sum Nonlinear Polynomial Game for Planar Robots Coordination. [Ifac-PapersOnLine](#), 48(11), 463-468.

67 Navarro-Gutierrez, M., Ramirez-Trevino, A., Gomez-Gutierrez, D. & Ruiz-Leon, J. (2015). Structural Fault Detection in Join Free Timed Continuous Petri Nets. [Ifac-PapersOnLine](#), 48(7), 118-123.

68 Nunez, A. & Sanchez, A. (2015). Supervisory Control based on Behavioral Constraints using a Class of Linear Inequalities. [Ifac-PapersOnLine](#), 48(3), 2189-2194.

69 Ramirez, A., Sipahi, R., Mondie, S. & Garrido, R. (2015). Design of Maximum Decay Rate for SISO Systems with Delayed Output Feedback Using Elimination Theor. [Ifac-PapersOnLine](#), 48(12), 221-226.

70 Rodriguez-Guerrero, L., Mondie, S. & Santos-Sanchez, O. (2015). Guaranteed cost control using Lyapunov redesign for uncertain linear time delay systems. [Ifac-PapersOnLine](#), 48(12), 392-397.

71 Ruiz-Duarte, J. E. & Loukianov, A. G. (2015). Higher Order Sliding Mode Control for Autonomous Underwater Vehicles in the Diving Plane. [Ifac-PapersOnLine](#), 48(16), 49-54.

72 Martinez, R., Vera, A. & Leija, L. (2015). Hifu induced heating modelling by using the finite element method. [Physics Procedia](#), 63, 127-133.

73 Navarrete-Cazales, Z. (2015). Teachers training in Normal School of Mexico. Xx century. [Revista Historia de la Educacion Latinoamericana](#), 17(25), 17-34.

[ARTÍCULOS C] – ARTÍCULOS EN REVISTAS DE DIVULGACIÓN CIENTÍFICA Y/O TECNOLÓGICA

74 Espinoza-Ruiz, A., Lopez-Chaides, J. A., Ruiz-Ibarra, E., Cortez-Gonzalez, J., Garcia-Berumen, A. & Ruiz-Ibarra, J. (2015). Self-configurable monitoring framework for mobile Wsan's applications. [Ingenieria Investigacion y Tecnologia](#), 16(2), 369-382.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

75 Verde-Gomez, J. Y. & Rodriguez-Varela, F. J. (2015). Preface. [Journal of Applied Electrochemistry](#), 45(11), 1163.

76 Breton, N. & Kielanowski, P. (2015). International Conference on "Quantum Control, Exact or Perturbative, Linear or Nonlinear" to celebrate 50 years of the scientific career of Professor Bogdan Mielnik (Mielnik50). Preface. [Journal of Physics: Conference Series](#), 624, 011001.

77 Blanton, R. & Fargher, L. (2015). With Moralizing Gods, Exclusion Reigns. [Science](#), 350(6259), 393.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

78 Favela-Rosales, F., Millan-Pacheco, C., Saint-Martin, H., Carbajal-Tinoco, M. D. & Ortega-Blake, I. (2015). Phase Diagram of Lipid-Cholesterol Mixture: Comparison Between Different Force Fields. [Biophysical Journal](#), 108(2), 160A.

79 Panin, V., Baker, R., Leon-Aparicio, D. & Guerrero-Hernandez, A. (2015). Pathogenic Mechanisms Associated With Abnormal Protein O-Mannosylation: Cell Culture and Drosophila Models. [Glycobiology](#), 25(11), 1308.

80 Siqueiros, L., Giocanti, A., Benard, R., Vacca, O., Montanez, C., Sahel, J. A., Rendon, A. & Tadayoni, R. (2015). Role of Inflammation and Effect of Dexamethasone on Muller Glial Cells in a Post-Surgical Model of Blood-Retinal Barrier Breakdown. [Investigative Ophthalmology & Visual Science](#), 56(7), 159.

81 Velazquez, G., Briebe, L. & Sousa, R. (2015). The Thumb Subdomain of Yeast Mitochondrial Rna Polymerase Is Involved in Processivity, Transcript Fidelity and Mitochondrial Transcription Factor Binding. [Protein Science](#), 24, 281.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

82 Rangel-Barajas, C., Coronel, I. & Floran, B. (2015). Dopamine Receptors and Neurodegeneration. [Aging and Disease](#), 6(5), 349-368.

83 Manzano-Ramirez, A., Lopez-Naranjo, E. J., Soboyejo, W., Meas-Vong, Y. & Vilquin, B. (2015). A Review on the Efficiency of Graphene-Based Bhj Organic Solar Cells. [Journal of Nanomaterials](#), 2015, 406597.

84 Schnoor, M., Alcaide, P., Voisin, M. B. & Van Buul, J. D. (2015). Crossing the Vascular Wall: Common and Unique Mechanisms Exploited by Different Leukocyte Subsets During Extravasation. [Mediators of Inflammation](#), 2015, 946509.

85 Burgueno-Tapia, E. & Joseph-Nathan, P. (2015). Vibrational Circular Dichroism: Recent Advances for the Assignment of the Absolute Configuration of Natural Products. [Natural Product Communications](#), 10(10), 1785-1795.

86 Stenberg, J. A., Heil, M., Ahman, I. & Bjorkman, C. (2015). Optimizing Crops for Biocontrol of Pests and Disease. [Trends in Plant Science](#), 20(11), 698-712.

Última actualización: marzo 24, 2017 01:07 p.m.

ARTÍCULOS DEL MES DE DICIEMBRE DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Calderon, C., Gordillo, G., Bartolo-Perez, P. & Arredondo, C. A. (2015). Morphological Characterization and Xps Studies of Agins2 Thin Films for Solar Cells Applications. [Acta Microscopica](#), 24(2), 138-145.
- 2 Pariona, N., Camacho-Aguilar, K. I., Ramos-Gonzalez, R., Martinez, A. I. & Herrera-Trejo, M. (2015). Structural Characterization of Ferrihydrite/Hematite Nanocomposites and Their Arsenic Adsorption Properties. [Adsorption Science & Technology](#), 33(10), 871-880.
- 3 Garcia-Compean, H., Obregon, O. & Santos-Silva, R. (2015). Towards Noncommutative Linking Numbers Via the Seiberg-Witten Map. [Advances in Mathematical Physics](#), 2015, 845328.
- 4 Azcorra, H., Rodriguez, L., Varela-Silva, M. I., Banik, S. D. & Dickinson, F. (2015). Intergenerational Changes in Knee Height Among Maya Mothers and Their Adult Daughters From Merida, Mexico. [American Journal of Human Biology](#), 27(6), 792-797.
- 5 Gutierrez-Vidal, R., Vega-Badillo, J., Reyes-Fermin, L. M. et al. (2015). SFRP5 hepatic expression is associated with non-alcoholic liver disease in morbidly obese women. [Annals of Hepatology](#), 14(5), 666-674.
- 6 Banik, S. D. & Dickinson, F. (2015). Waist Circumference Cut-Off in Relation to Body Mass Index and Percentage of Body Fat in Adult Women From Merida, Mexico. [Anthropologischer Anzeiger](#), 72(4), 369-383.
- 7 Bejarano-Ortiz, D. I., Huerta-Ochoa, S., Thalasso, F., Cuervo-Lopez, F. D. & Texier, A. C. (2015). Kinetic Constants for Biological Ammonium and Nitrite Oxidation Processes Under Sulfide Inhibition. [Applied Biochemistry and Biotechnology](#), 177(8), 1665-1675.
- 8 Gallegos-Melgar, A., Espinosa-Arbelaez, D. G., Flores-Ruiz, F. J., Lahmar, A., Dellis, J. L., Lemee, N., Espinoza-Beltran, F. J. & Munoz-Saldana, J. (2015). Ferroelectric Properties of Manganese Doped (Bi_{1/2}Na_{1/2})TiO₃ and (Bi_{1/2}Na_{1/2})TiO₃-Batio₃ Epitaxial Thin Films. [Applied Surface Science](#), 359, 923-930.
- 9 Rodriguez, L. C., Martinez, A. P., Rojas, H. P. & Querts, E. R. (2015). On Propagation of Photons in a Magnetized Medium. [Astronomische Nachrichten](#), 336(8-9), 895-899.
- 10 Rojas, H. P., Querts, E. R. & Martinez, A. P. (2015). Strongly Self-Magnetized Quantum Relativistic Electron Gas Expanding as a Jet. [Astronomische Nachrichten](#), 336(8-9), 885-889.
- 11 Dominguez-Ordóñez, R., Garcia-Juarez, M., Lima-Hernandez, F. J., Gomora-Arrati, P., Blaustein, J. D. & Gonzalez-Flores, O. (2015). Sexual Receptivity Facilitated by Unesterified Estradiol: Dependence on Estrogen and Progesterone Receptors and Priming Dose of Estradiol Benzoate. [Behavioral Neuroscience](#), 129(6), 777-788.

- 12 Hernandez-Resendiz, I., Roman-Rosales, A., Garcia-Villa, E. et al. (2015). Dual Regulation of Energy Metabolism by P53 in Human Cervix and Breast Cancer Cells. [Biochimica Et Biophysica Acta-Molecular Cell Research](#), 1853(12), 3266-3278.
- 13 Barceinas, R. S. Q., Garcia-Regalado, A., Arechaga-Ocampo, E., Villegas-Sepulveda, N. & Gonzalez-De La Rosaa, C. H. G. (2015). All-Trans Retinoic Acid Induces Proliferation, Survival, and Migration in A549 Lung Cancer Cells by Activating the Erk Signaling Pathway Through a Transcription-Independent Mechanism. [Biomed Research International](#), 2015, 404368.
- 14 Sanchez-Rojo, S., Cerda-Garcia-Rojas, C. M., Esparza-Garcia, F., Plasencia, J., Poggi-Varaldo, H. M., Ponce-Noyola, T. & Ramos-Valdivia, A. C. (2015). Long-Term Response on Growth, Antioxidant Enzymes, and Secondary Metabolites in Salicylic Acid Pre-Treated *Uncaria Tomentosa* Microplants. [Biotechnology Letters](#), 37(12), 2489-2496.
- 15 Perez-Garcia, C. E., Ramirez-Bon, R. & Vorobiev, Y. V. (2015). Pbs thin films growth with Cbd and Pcbd techniques: a comparative study. [Chalcogenide Letters](#), 12(11), 579-588.
- 16 Castro-Ramirez, J., Martinez-Guerra, R. & Cruz-Victoria, J. C. (2015). A New Reduced-Order Observer for the Synchronization of Nonlinear Chaotic Systems: an Application to Secure Communications. [Chaos](#), 25(10), 103128.
- 17 Hernandez-Melo, D. & Tiburcio, J. (2015). Coupled Molecular Motions Driven by Light or Chemical Inputs: Spiropyran to Merocyanine Isomerisation Followed by Pseudorotaxane Formation. [Chemical Communications](#), 51(99), 17564-17567.
- 18 Tang, J., Chai, T., Liu, Z. & Yu, W. (2015). Selective ensemble modeling based on nonlinear frequency spectral feature extraction for predicting load parameter in ball mills. [Chinese Journal of Chemical Engineering](#), 23(12), 2020-2028.
- 19 Lujan-Hidalgo, M. C., Perez-Gomez, L. E., Abud-Archila, M., Meza-Gordillo, R., Ruiz-Valdiviezo, V. M., Dendooven, L. & Gutierrez-Miceli, F. A. (2015). Growth, Phenolic Content and Antioxidant Activity in Chincuya (*Annona Purpurea* Moc & Sesse Ex Dunal) Cultivated With Vermicompost and Phosphate Rock. [Compost Science & Utilization](#), 23(4), 276-283.
- 20 Lozano-Alvarez, E., Briones-Fourzan, P., Huchin-Mian, J. P., Segura-Garcia, I., Ek-Huchim, J. P., Amendola-Pimenta, M. & Rodriguez-Canul, R. (2015). Panulirus Argus Virus 1 Detected in Oceanic Postlarvae of Caribbean Spiny Lobster: Implications for Disease Dispersal. [Diseases of Aquatic Organisms](#), 117(2), 165-170.
- 21 Banik, S. D., Mendez, N. & Dickinson, F. (2015). Height Growth and Percentage of Body Fat in Relation to Early Menarche in Girls From Merida, Yucatan, Mexico. [Ecology of Food and Nutrition](#), 54(6), 644-662.
- 22 Valenzuela-Quinonez, F., Arreguin-Sanchez, F., Salas-Marquez, S., Garcia-De Leon, F. J., Garza, J. C., Roman-Rodriguez, M. J. & De-Anda-Montanez, J. A. (2015). Critically Endangered *Totoaba Totoaba Macdonaldi*: Signs of Recovery and Potential Threats After a Population Collapse. [Endangered Species Research](#), 29(1), 1-11.

- 23 Sanchez, E. M., Clempner, J. B. & Poznyak, A. S. (2015). A Priori-Knowledge/Actor-Critic Reinforcement Learning Architecture for Computing the Mean-Variance Customer Portfolio: the Case of Bank Marketing Campaigns. [Engineering Applications of Artificial Intelligence](#), 46, 82-92.
- 24 Alvarez, I., Gomez-Chacon, I. M. & Ursini, S. (2015). Understanding the Algebraic Variable: Comparative Study of Mexican and Spanish Students. [Eurasia Journal of Mathematics Science and Technology Education](#), 11(6), 1507-1529.
- 25 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Differential Cross Section for Top Quark Pair Production in Pp Collisions at Root S=8tev. [European Physical Journal C](#), 75(11), 542.
- 26 Rodriguez-Castellanos, W., Martinez-Bustos, F., Rodrigue, D. & Trujillo-Barragan, M. (2015). Extrusion Blow Molding of a Starch-Gelatin Polymer Matrix Reinforced With Cellulose. [European Polymer Journal](#), 73, 335-343.
- 27 Ramirez-Tapia, A. L., Baylon-Pacheco, L., Espiritu-Gordillo, P. & Rosales-Encina, J. L. (2015). Characterization of the Protein Tyrosine Phosphatase Prl From Entamoeba Histolytica. [Experimental Parasitology](#), 159, 168-182.
- 28 Suaste-Gomez, E., Rodriguez-Montoya, C., Casados-Cruz, G., Teran-Jimenez, O. & Reyes-Cruz, H. (2015). Preparation of Nanoporous Fibers of Batio3 Via Electrospinning of Batio3/Pvc and Thermal Treatment Effects. [Ferroelectrics](#), 482(1), 1-10.
- 29 Huazano-Garcia, A. & Lopez, M. G. (2015). Agavins Reverse the Metabolic Disorders in Overweight Mice Through the Increment of Short Chain Fatty Acids and Hormones. [Food & Function](#), 6(12), 3720-3727.
- 30 Barrientos-Sotelo, V. R., Cano-Casas, R., Cruz-Orea, A., Hernandez-Rosas, F. & Hernandez-Rosas, J. (2015). Photoacoustic Characterization of Green, Red and Dehydrated Capsicum Annuum L. Variety Pasilla. [Food Biophysics](#), 10(4), 481-486.
- 31 Amador-Rodriguez, K. Y., Martinez-Bustos, F., Perez-Cabrera, L. E., Posadas-Del-Rio, F. A., Chavez-Vela, N. A., Sandoval-Cardoso, M. L. & Guevara-Lara, F. (2015). Effect of Huitlacoche (Ustilago Maydis Dc Corda) Paste Addition on Functional, Chemical and Textural Properties of Tortilla Chips. [Food Science and Technology](#), 35(3), 452-459.
- 32 Martin, M., Contreras-Hernandez, E., Bejar, J., Esposito, G., Chavez, D., Glsuman, S., Cortes, U. & Rudomin, P. (2015). A machine learning methodology for the selection and classification of spontaneous spinal cord dorsum potentials allows disclosure of structured (non-random) changes in neuronal connectivity induced by nociceptive stimulation. [Frontiers in Neuroinformatics](#), 9, 21.
- 33 Garcia-Lopez, J., Garciadiego-Cazares, D., Melgarejo-Ramirez, Y. et al. (2015). Chondrocyte Differentiation for Auricular Cartilage Reconstruction Using a Chitosan Based Hydrogel. [Histology and Histopathology](#), 30(12), 1477-1485.

- 34 Castaneda, E. & Ruiz, J. J. (2015). Feedback Decoupling of Linear Multivariable Systems. [IEEE Latin America Transactions](#), 13(8), 2529-2537.
- 35 Ramirez, A. & Iravani, R. (2015). Frequency-Domain Simulation of Electromagnetic Transients Using Variable Sampling Time-Step. [IEEE Transactions on Power Delivery](#), 30(6), 2602-2604.
- 36 Ramos-Leanos, O., Mahseredjian, J., Naredo, J. L., Kocar, I., Gutierrez-Robles, J. A. & Martinez, J. A. (2015). Phase-Domain Line/Cable Model Through Second-Order Blocks. [IEEE Transactions on Power Delivery](#), 30(6), 2460-2467.
- 37 Tlelo-Cuautle, E., De La Fraga, L. G., Phanrattanachai, K. & Pitaksuttayaprot, K. (2015). Cdcta and Ota Realizations of a Multi-Phase Sinusoidal Oscillator. [IETE Technical Review](#), 32(6), 497-504.
- 38 Perez, C., Azhmyakov, V. & Poznyak, A. (2015). Practical Stabilization of a Class of Switched Systems: Dwell-Time Approach. [Ima Journal of Mathematical Control and Information](#), 32(4), 689-702.
- 39 Villa-Ruano, N., Pacheco-Hernandez, Y., Cruz-Duran, R. & Lozoya-Gloria, E. (2015). Volatiles and Seasonal Variation of the Essential Oil Composition From the Leaves of Clinopodium Macrostemum Var. Laevigatum and Its Biological Activities. [Industrial Crops and Products](#), 77, 741-747.
- 40 Quintero, G. M. & Rodriguez, N. I. M. (2015). The Members of the Mexican National System of Researchers: an Approach From Patent Production 2003-2012. [Interciencia](#), 40(12), 840-846.
- 41 Gnanaprakasam, J. N. R., Estrada-Muniz, E. & Vega, L. (2015). The Anacardic 6-Pentadecyl Salicylic Acid Induces Macrophage Activation Via the Phosphorylation of Erk1/2, Jnk, P38 Kinases and Nf-Kappa B. [International Immunopharmacology](#), 29(2), 808-817.
- 42 Diaz-Valencia, J. D., Perez-Yepe, E. A., Ayala-Sumuano, J. T., Franco, E. & Meza, I. (2015). A Surface Membrane Protein of Entamoeba Histolytica Functions as a Receptor for Human Chemokine Il-8: Its Role in the Attraction of Trophozoites to Inflammation Sites. [International Journal for Parasitology](#), 45(14), 915-923.
- 43 Huang, C. Z. & Sira-Ramirez, H. (2015). Flatness-Based Active Disturbance Rejection Control for Linear Systems With Unknown Time-Varying Coefficients. [International Journal of Control](#), 88(12), 2578-2587.
- 44 Mena, E., Veleza, L. & Souto, R. M. (2015). Early Stages of Zinc Corrosion and Runoff Process Induced by Caribbean Sea Water. [International Journal of Electrochemical Science](#), 10(9), 7596-7605.
- 45 Nieto-Caballero, F. G., Garcia-Salgado, G., Diaz-Becerril, T., Rosendo-Andres, E., Juarez-Santiesteban, H., Gracia-Jimenez, M., Tovar-Corona, A., Pena-Rosas, U. & Pena-Sierra, R. (2015). Beta-Ga2o3 Particles Formed of a Complex Organic by Electrolysis. [International Journal of Electrochemical Science](#), 10(11), 9742-9750.

- 46 Escamilla-Alvarado, C., Poggi-Varaldo, H. M., Ponce-Noyola, T., Rios-Leal, E., Robles-Gonzalez, I. & Rinderknecht-Seijas, N. (2015). Saccharification of Fermented Residues as Integral Part in a Conceptual Hydrogen-Producing Biorefinery. [International Journal of Hydrogen Energy](#), 40(48), 17200-17211.
- 47 Gonzalez-Quijano, D., Pech-Rodriguez, W. J., Gonzalez-Quijano, J. A., Escalante-Garcia, J. I., Vargas-Gutierrez, G., Alonso-Lemus, I. & Rodriguez-Varela, F. J. (2015). Electrocatalysts for Ethanol and Ethylene Glycol Oxidation Reactions. Part II: Effects of the Polyol Synthesis Conditions on the Characteristics and Catalytic Activity of Pt-Ru/C Anodes. [International Journal of Hydrogen Energy](#), 40(48), 17291-17299.
- 48 Hernandez-Flores, G., Poggi-Varaldo, H. M., Solorza-Feria, O., Noyola, M. T. P., Romero-Castanon, T. & Rinderknecht-Seijas, N. (2015). Tafel Equation Based Model for the Performance of a Microbial Fuel Cell. [International Journal of Hydrogen Energy](#), 40(48), 17421-17432.
- 49 Hernandez-Flores, G., Poggi-Varaldo, H. M., Solorza-Feria, O., Ponce-Noyola, M. T., Romero-Castanon, T., Rinderknecht-Seijas, N. & Galindez-Mayer, J. (2015). Characteristics of a Single Chamber Microbial Fuel Cell Equipped With a Low Cost Membrane. [International Journal of Hydrogen Energy](#), 40(48), 17380-17387.
- 50 Hernandez-Flores, G., Poggi-Varaldo, H. M., Solorza-Feria, O., Romero-Castanon, T., Rios-Leal, E., Galindez-Mayer, J. & Esparza-Garcia, F. (2015). Batch Operation of a Microbial Fuel Cell Equipped With Alternative Proton Exchange Membrane. [International Journal of Hydrogen Energy](#), 40(48), 17323-17331.
- 51 Lardizabal, D., Verde-Gomez, Y., Alonso-Lemus, I. & Aguilar-Elguezabal, A. (2015). Nitrogen Self-Doped Electrocatalysts Synthesized by Pyrolysis of Commercial Polymer Fibers for Oxygen Reduction Reaction. [International Journal of Hydrogen Energy](#), 40(48), 17300-17307.
- 52 Lopez-Perez, P. A., Neria-Gonzalez, M. I. & Aguilar-Lopez, R. (2015). Increasing the Bio-Hydrogen Production in a Continuous Bioreactor Via Nonlinear Feedback Controller. [International Journal of Hydrogen Energy](#), 40(48), 17224-17230.
- 53 Reyes-Rodriguez, J. L., Sathish-Kumar, K. & Solorza-Feria, O. (2015). Synthesis and Functionalization of Green Carbon as a Pt Catalyst Support for the Oxygen Reduction Reaction. [International Journal of Hydrogen Energy](#), 40(48), 17253-17263.
- 54 Suarez-Alcantara, K., Palacios-Lazcano, A. F., Funatsu, T. & Cabanas-Moreno, J. G. (2015). Mg-M-Lih Alloys Prepared by Mechanical Milling and Their Hydrogen Storage Characteristics. [International Journal of Hydrogen Energy](#), 40(48), 17344-17353.
- 55 Vazquez-Larios, A. L., Poggi-Varaldo, H. M., Solorza-Feria, O. & Rinderknecht-Seijas, N. (2015). Effect of Type of Inoculum on Microbial Fuel Cell Performance That Used Ruxmoysez as Cathodic Catalyst. [International Journal of Hydrogen Energy](#), 40(48), 17402-17412.
- 56 Damak, S., Di Loreto, M. & Mondie, S. (2015). Stability of nonlinear continuous-time difference equations with distributed delay: constructive exponential estimates. [International Journal of Robust and Nonlinear Control](#), 25, 3195-3209.

- 57 Cepeda-Rubio, M. F. J., Lopez, G. D. G., Perezgasga, F. V., Garcia, F. F., Hernandez, A. V. & Salas, L. L. (2015). Computer Modeling for Microwave Ablation in Breast Cancer Using a Coaxial Slot Antenna. [International Journal of Thermophysics](#), 36(10-11), 2687-2704.
- 58 Hernandez-Aguilar, C., Dominguez-Pacheco, A. & Cruz-Orea, A. (2015). Thermal Changes of Maize Seed by Laser Irradiation. [International Journal of Thermophysics](#), 36(9), 2401-2409.
- 59 Reyes, M. C. P., Hernandez-Aguilar, C., Dominguez-Pacheco, A., Cruz-Orea, A. & Martinez, E. M. (2015). The Optical Absorption Coefficient of Barley Seeds Investigated by Photoacoustic Spectroscopy and Their Effects by Laser Biostimulation. [International Journal of Thermophysics](#), 36(9), 2389-2400.
- 60 Stolik, S., Fabila, D. A., De La Rosa, J. M., Escobedo, G., Suarez-Alvarez, K. & Tomas, S. A. (2015). Detection of Hepatic Fibrosis in Ex Vivo Liver Samples Using an Open-Photoacoustic-Cell Method: Feasibility Study. [International Journal of Thermophysics](#), 36(9), 2410-2416.
- 61 Vales-Pinzon, C., Quinones-Weiss, G., Alvarado-Gil, J. J. & Medina-Esquivel, R. A. (2015). Heat Transport in Liquid Polyester Resin With Carbon Nanotubes. [International Journal of Thermophysics](#), 36(10-11), 2854-2861.
- 62 Timmers, M. A., Guerrero-Medina, J. L., Esposito, D., Grace, M. H., Paredes-Lopez, O., Garcia-Saucedo, P. A. & Lila, M. A. (2015). Characterization of Phenolic Compounds and Antioxidant and Antiinflammatory Activities From Mamuyo (Styrax Ramirezii Greenm.) Fruit. [Journal of Agricultural and Food Chemistry](#), 63(48), 10459-10465.
- 63 Pereyra-Venegas, J., Segura-Alegria, B., Guadarrama-Olmos, J. C., Mariscal-Tovar, S., Quiroz-Gonzalez, S. & Jimenez-Estrada, I. (2015). Effects Provoked by Chronic Undernourishment on the Fibre Type Composition and Contractility of Fast Muscles in Male and Female Developing Rats. [Journal of Animal Physiology and Animal Nutrition](#), 99(5), 974-986.
- 64 Llorens, J. V., Metzendorf, C., Missirlis, F. & Lind, M. I. (2015). Mitochondrial Iron Supply Is Required for the Developmental Pulse of Ecdysone Biosynthesis That Initiates Metamorphosis in Drosophila Melanogaster. [Journal of Biological Inorganic Chemistry](#), 20(8), 1229-1238.
- 65 Franco-Perez, M., Ayers, P. W., Gazquez, J. L. & Vela, A. (2015). Local and linear chemical reactivity response functions at finite temperature in density functional theory. [Journal of Chemical Physics](#), 143(24), 244117.
- 66 Medellin, G., Marino-Tapia, I. & Euan-Avila, J. (2015). The Influence of a Seawall on Postnourishment Evolution in a Sea-Breeze-Dominated Microtidal Beach. [Journal of Coastal Research](#), 31(6), 1449-1458.
- 67 Medina-Gomez, I., Villalobos-Zapata, G. J. & Herrera-Silveira, J. A. (2015). Spatial and Temporal Hydrological Variations in the Inner Estuaries of a Large Coastal Lagoon of the Southern Gulf of Mexico. [Journal of Coastal Research](#), 31(6), 1429-1438.

- 68 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Measurement of the Cosmic Ray Spectrum Above 4×10^{18} Ev Using Inclined Events Detected With the Pierre Auger Observatory. [Journal of Cosmology and Astroparticle Physics](#), (8), 049.
- 69 Garcia-Diaz, C., Nebbioso, A., Piccolo, A., Barrera-Cortes, J. & Martinez-Palou, R. (2015). Remediation of Hydrocarbon-Contaminated Soil by Washing With Novel Chemically Modified Humic Substances. [Journal of Environmental Quality](#), 44(6), 1764-1771.
- 70 Soto, E. J. L., Agosti, F., Cabral, A. et al. (2015). Constitutive and Ghrelin-Dependent Ghslr1a Activation Impairs Ca(V)2.1 And Ca(V)2.2 Currents in Hypothalamic Neurons. [Journal of General Physiology](#), 146(3), 205-219.
- 71 Adam, J., Adamova, D., Aggarwal, M. et al. (2015). Centrality Dependence of Inclusive J/Psi Production in P-Pb Collisions at Root S-Nn=5.02tev. [Journal of High Energy Physics](#), (11), 127.
- 72 Adam, J., Adamova, D., Aggarwar, M. M. et al. (2015). Centrality Dependence of High-P(T) D Meson Suppression in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (11), 205.
- 73 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Ratio of the Production Cross Sections Times Branching Fractions of B-C(+/-) -> J/Psi Pi(+/-) and B+/- -> J/Psi K+/- and B(B-C(+/-) -> J/Psi Pi(+/-)Pi(+/-)Pi(-/+))/B(B-C(+/-) -> J/Psi Pi(+/-)) in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (1), 063.
- 74 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurement of the Underlying Event Activity Using Charged-Particle Jets in Proton-Proton Collisions at Root S=2.76 Tev. [Journal of High Energy Physics](#), (9), 137.
- 75 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for a Charged Higgs Boson in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (11), 018.
- 76 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Neutral Mssm Higgs Bosons Decaying Into a Pair of Bottom Quarks. [Journal of High Energy Physics](#), (11), 071.
- 77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Supersymmetry in the Vector-Boson Fusion Topology in Proton-Proton Collisions at Root S=8tev. [Journal of High Energy Physics](#), (11), 189.
- 78 Wong-Baeza, C., Tescucano, A., Astudillo, H. et al. (2015). Nonbilayer Phospholipid Arrangements Are Toll-Like Receptor-2/6 and Tlr-4 Agonists and Trigger Inflammation in a Mouse Model Resembling Human Lupus. [Journal of Immunology Research](#), 2015, 369462.
- 79 Ramirez-Delgado, J., Lopez-Garcia, K., Lara, C. & Serrano-Meneses, M. A. (2015). Wing Pigmentation in Males of a Territorial Damselfly: Alternative Reproductive Tactics, Allometry and Mating Success. [Journal of Insect Behavior](#), 28(5), 569-581.

- 80 Avila-Montiel, C., Tapia-Benavides, A. R., Falcon-Leon, M., Ariza-Castolo, A., Tlahuext, H. & Tlahuextl, M. (2015). Synthesis and Structural Studies of Amino Amide Salts Derived From 2-(Aminomethyl)Benzimidazole and Alpha-Amino Acids. [Journal of Molecular Structure](#), 1100, 338-347.
- 81 Reyes-Esparza, J., Martinez-Mena, A., Gutierrez-Sancha, I., Rodriguez-Fragoso, P., De La Cruz, G. G., Mondragon, R. & Rodriguez-Fragoso, L. (2015). Synthesis, Characterization and Biocompatibility of Cadmium Sulfide Nanoparticles Capped With Dextrin for in Vivo and in Vitro Imaging Application. [Journal of Nanobiotechnology](#), 13, 83.
- 82 Guillen-Bonilla, H., Rodriguez-Betancourt, V. M., Guillen-Bonilla, J. T., Reyes-Gomez, J., Gildo-Ortiz, L., Flores-Martinez, M., Olvera-Amador, M. D. & Santoyo-Salazar, J. (2015). Co and C3h8 Sensitivity Behavior of Zinc Antimonate Prepared by a Microwave-Assisted Solution Method. [Journal of Nanomaterials](#), 2015, 979543.
- 83 Angeles-Pascual, A., Esparza, R., Tellez-Vazquez, O., Velumani, S. & Perez, R. (2015). Synthesis and Characterization of Bimetallic Ni50Pt50 Catalyst Supported on SiO2 for N2O Decomposition. [Journal of Nanoscience and Nanotechnology](#), 15(12), 9473-9481.
- 84 Devi, R. A., Latha, M., Velumani, S., Oza, G., Reyes-Figueroa, P., Rohini, M., Becerril-Juarez, I. G., Lee, J. H. & Yi, J. (2015). Synthesis and Characterization of Cadmium Sulfide Nanoparticles by Chemical Precipitation Method. [Journal of Nanoscience and Nanotechnology](#), 15(11), 8434-8439.
- 85 Latha, M., Devi, R. A., Velumani, S., Oza, G., Reyes-Figueroa, P., Rohini, M., Becerril-Juarez, I. G. & Yi, J. (2015). Synthesis of CuIn1-XGaxSe2 Nanoparticles by Thermal Decomposition Method With Tunable Ga Content. [Journal of Nanoscience and Nanotechnology](#), 15(11), 8388-8394.
- 86 Bustos-Brito, C., Sanchez-Castellanos, M., Esquivel, B., Calderon, J. S., Calzada, F., Yopez-Mulia, L., Joseph-Nathan, P., Cuevas, G. & Quijano, L. (2015). Ent-Kaurene Glycosides From *Ageratina Cylindrica*. [Journal of Natural Products](#), 78(11), 2580-2587.
- 87 Salazar-Varas, R., Costa, A., Ianez, E., Ubeda, A., Hortal, E. & Azorin, J. M. (2015). Analyzing Eeg Signals to Detect Unexpected Obstacles During Walking. [Journal of Neuroengineering and Rehabilitation](#), 12, 101.
- 88 Kumar, S., Cruz-Hernandez, C., Pal, S., Saunthwal, R. K., Patel, M., Tiwari, R. K., Juaristi, E. & Verma, A. K. (2015). Tandem Approach to Benzothieno- and Benzofuro-pyridines From O-Alkynyl Aldehydes Via Silver-Catalyzed 6-Endo-Dig Ring Closure. [Journal of Organic Chemistry](#), 80(21), 10548-10560.
- 89 Botan, A., Favela-Rosales, F., Fuchs, P. F. J. et al. (2015). Toward Atomistic Resolution Structure of Phosphatidylcholine Headgroup and Glycerol Backbone at Different Ambient Conditions. [Journal of Physical Chemistry B](#), 119(49), 15075-15088.
- 90 Londono-Calderon, A., Bruma, A., Uribe, D. B., Ponce, A. & Jose-Yacamán, M. (2015). Structural Analysis of Aupdau Nanocubes Via Aberration-Corrected Stem and Nanobeam Diffraction. [Journal of Physical Chemistry C](#), 119(43), 24621-24626.

- 91 Vasquez-Perez, J. M., Gamboa, G. U., Mejia-Rodriguez, D., Alvarez-Ibarra, A., Geudtner, G., Calaminici, P. & Koster, A. M. (2015). Influence of Spin Multiplicity on the Melting of Na-55(+). [Journal of Physical Chemistry Letters](#), 6(22), 4646-4652.
- 92 Makhniy, V. P., Sklyarchuk, V. M., Vorobiev, Y. V. & Horley, P. P. (2015). Dark Conductivity in Semi-Insulating Crystals of CdTe:Sn. [Journal of Semiconductor Technology and Science](#), 15(2), 243-248.
- 93 De La Cerda-Pedro, J. E., Rojas-Lima, S., Santillan, R. & Lopez-Ruiz, H. (2015). Phenylboronic Acid/Cuso₄ as an Efficient Catalyst for the Synthesis of 1,4-Disubstituted-1,2,3-Triazoles From Terminal Acetylenes and Alkyl Azides. [Journal of the Mexican Chemical Society](#), 59(2), 130-136.
- 94 Diaz-Valle, A., Garcia-Salcedo, Y. M., Chavez-Calvillo, G., Silva-Rosales, L. & Carrillo-Tripp, M. (2015). Highly Efficient Strategy for the Heterologous Expression and Purification of Soluble Cowpea Chlorotic Mottle Virus Capsid Protein and in Vitro Ph-Dependent Assembly of Virus-Like Particles. [Journal of Virological Methods](#), 225, 23-29.
- 95 Sanchez-Soto, A. I., Saavedra-Gonzalez, G. I., Ibarra, J. E., Salcedo-Hernandez, R., Barboza-Corona, J. E. & Del Rincon-Castro, M. C. (2015). Detection of Beta-Exotoxin Synthesis in Bacillus Thuringiensis Using an Easy Bioassay With the Nematode Caenorhabditis Elegans. [Letters in Applied Microbiology](#), 61(6), 562-567.
- 96 Garcia-Vazquez, J. B., Gonzalez-Juarez, D. E., Morales-Rios, M. S., Suarez-Castillo, O. R. & Mora-Perez, Y. (2015). Structure Elucidation of Configurational Isomers of Nitrile-Substituted Spirocyclopropyloxindoles by Nmr Spectroscopy, Molecular Modeling, and X-Ray Crystallography. [Magnetic Resonance in Chemistry](#), 53(12), 1061-1070.
- 97 Aguilar-Ibanez, C., Martinez-Guerra, R., Perez-Pinacho, C., Garcia-Canseco, E. & Suarez-Castanon, M. S. (2015). A Solution for the Generalized Synchronization of a Class of Chaotic Systems Based on Output Feedback. [Mathematical Problems in Engineering](#), 2015, 848203.
- 98 Espinoza-Jurado, J., Davila, E., Rivera, J., Raygoza-Panduro, J. J. & Ortega, S. (2015). Robust Control of the Air to Fuel Ratio in Spark Ignition Engines With Delayed Measurements From a Uego Sensor. [Mathematical Problems in Engineering](#), 2015, 989674.
- 99 Cervantes, A. & Garcia-Aspeitia, M. A. (2015). Predicting Cusps or Kinks in Nambu-Goto Dynamics. [Modern Physics Letters a](#), 30(39), 1550210.
- 100 Sierra-Mondragon, E., Gomez-Chavez, F., Murrieta-Coxca, M. et al. (2015). Low Expression of Il-6 and Tnf-Alpha Correlates With the Presence of the Nuclear Regulators of Nf-Kappa B, I Kappa Bns and Bcl-3, in the Uterus of Mice. [Molecular Immunology](#), 68(2), 333-340.
- 101 Sanchez-Vergara, M. E., Leyva-Esqueda, M., Alvarez-Bada, J. R., Garcia-Montalvo, V., Rojas-Montoya, I. D. & Jimenez-Sandoval, O. (2015). Optical and Electrical Properties of TTF-MPcs (M = Cu, Zn) Interfaces for Optoelectronic Applications. [Molecules](#), 20(12), 21037-21049.

- 102 Cortez-Valadez, M., Ramirez-Rodriguez, L. P., Bocarando-Chacon, J. G., Flores-Acosta, M., Velumani, S. & Ramirez-Bon, R. (2015). Low Wavenumber Raman Modes and Plasmon Resonance in Cd Nanoparticles Obtained in Extract of Opuntia Ficus-Indica Plant. [Nano](#), 10(7), 1550100.
- 103 Rosillo-De La Torre, A., Zurita-Olvera, L., Orozco-Suarez, S., Casillas, P. E. G., Salgado-Ceballos, H., Luna-Barcenas, G. & Rocha, L. (2015). Phenytoin Carried by Silica Core Iron Oxide Nanoparticles Reduces the Expression of Pharmacoresistant Seizures in Rats. [Nanomedicine](#), 10(24), 3563-3577.
- 104 Altshuler, D. M., Durbin, R. M., Abecasis, G. R. et al. (2015). A Global Reference for Human Genetic Variation. [Nature](#), 526(7571), 68-+.
- 105 Guillem, A. M., Martinez-Lozada, Z., Hernandez-Kelly, L. C., Lopez-Bayghen, E., Lopez-Bayghen, B., Calleros, O. A., Campuzano, M. R. & Ortega, A. (2015). Methylphenidate Increases Glutamate Uptake in Bergmann Glial Cells. [Neurochemical Research](#), 40(11), 2317-2324.
- 106 Ramos-Vega, M., Guevara-Garcia, A., Llamas, E., Sanchez-Leon, N., Olmedo-Monfil, V., Vielle-Calzada, J. P. & Leon, P. (2015). Functional Analysis of the Arabidopsis Thaliana Chloroplast Biogenesis 19 Pentatricopeptide Repeat Editing Protein. [New Phytologist](#), 208(2), 430-441.
- 107 Vidal-Martinez, V. M., Torres-Irineo, E., Romero, D., Gold-Bouchot, G., Martinez-Meyer, E., Valdes-Lozano, D. & Aguirre-Macedo, M. L. (2015). Environmental and Anthropogenic Factors Affecting the Probability of Occurrence of Oncomegas Wageneri (Cestoda: Trypanorhyncha) in the Southern Gulf of Mexico. [Parasites & Vectors](#), 8, 609.
- 108 Ramirez, D. E. V., Florencio-Martinez, L. E., Romero-Meza, G., Rojas-Sanchez, S., Moreno-Campos, R., Arroyo, R., Ortega-Lopez, J., Manning-Cela, R. & Martinez-Calvillo, S. (2015). Brf1, a Subunit of Rna Polymerase Iii Transcription Factor Tfiib, Is Essential for Cell Growth of Trypanosoma Brucei. [Parasitology](#), 142(13), 1563-1573.
- 109 Villegas-Pineda, J. C., Garibay-Cerdenares, O. L., Hernandez-Ramirez, V. I., Gallardo-Rincon, D., De Leon, D. C., Perez-Montiel-Gomez, M. D. & Talamas-Rohana, P. (2015). Integrins and Haptoglobin: Molecules Overexpressed in Ovarian Cancer. [Pathology Research and Practice](#), 211(12), 973-981.
- 110 De Oliveira, E. B., Zurro, N. B., Prando, C. et al. (2015). Clinical and Genotypic Spectrum of Chronic Granulomatous Disease in 71 Latin American Patients: First Report From the Lasid Registry. [Pediatric Blood & Cancer](#), 62(12), 2101-2107.
- 111 Winkler, R. (2015). An Evolving Computational Platform for Biological Mass Spectrometry: Workflows, Statistics and Data Mining With Massypup64. [PeerJ](#), 3, e1401.
- 112 Cifuentes-Quintal, M. E. & De Coss, R. (2015). On the Dynamical Stability of Ferromagnetic Ru and Os in the Bct Structure: a First-Principles Study. [Philosophical Magazine Letters](#), 95(8), 408-415.
- 113 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). One-Dimensional Pion, Kaon, and Proton Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. [Physical Review C](#), 92(5), 054908.

- 114 Aguilar, R. R., Bouzas, A. O. & Larios, F. (2015). Limits on the Anomalous W_{tq} Couplings. [Physical Review D](#), 92(11), 114009.
- 115 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Production of Leading Charged Particles and Leading Charged-Particle Jets at Small Transverse Momenta in Pp Collisions at Root $S=8$ Tev. [Physical Review D](#), 92(11), 112001.
- 116 Manko, V. S. & Ruiz, E. (2015). Metric of Two Balancing Kerr Particles in Physical Parametrization. [Physical Review D](#), 92(10), 104004.
- 117 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2015). Inclusive Production of the X(4140) State in P(P)Over-Bar Collisions at D0. [Physical Review Letters](#), 115(23), 232001.
- 118 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2015). Coherent Psi (2s) Photo-Production in Ultra-Peripheral Pb-Pb Collisions at Root $S(Nn)=2.76$ tev. [Physics Letters B](#), 751, 358-370.
- 119 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Pseudorapidity Distribution of Charged Hadrons in Proton-Proton Collisions at Root $S=13$ tev. [Physics Letters B](#), 751, 143-163.
- 120 Rojas, M., Tiessen, A., Ascencio, F., Angulo, C. & Gomez-Anduro, G. (2015). Two promoters of Beta-Glucosidase Paralogs (ZmBGlu2 and ZmBGlu5) Highly Active in Tropical Young Maize Hybrid Seedlings. [Plant Molecular Biology Reporter](#), 33(6), 1666-1674.
- 121 Homburger, J. R., Moreno-Estrada, A., Gignoux, C. R. et al. (2015). Genomic Insights into the Ancestry and Demographic History of South America. [Plos Genetics](#), 11(12), e1005602.
- 122 Voordeckers, K., Kominek, J., Das, A. et al. (2015). Adaptation to High Ethanol Reveals Complex Evolutionary Pathways. [Plos Genetics](#), 11(11), e1005635.
- 123 Corleto, J. A., Bravo-Hernandez, M., Kamizato, K. et al. (2015). Thoracic 9 Spinal Transection-Induced Model of Muscle Spasticity in the Rat: a Systematic Electrophysiological and Histopathological Characterization. [Plos One](#), 10(12), e0144642.
- 124 Escarcega-Tame, M. A., Martinez-Vieyra, I., Alonso-Rangel, L., Cisneros, B., Winder, S. J. & Cerecedo, D. (2015). Dystroglycan Depletion Impairs Actin-Dependent Functions of Differentiated Kasumi-1 Cells. [Plos One](#), 10(12), e0144078.
- 125 Garcia-Segura, L., Abreu-Goodger, C., Hernandez-Mendoza, A., Dinkova, T. D. D., Padilla-Noriega, L., Perez-Andrade, M. E. & Miranda-Rios, J. (2015). High-Throughput Profiling of Caenorhabditis Elegans Starvation-Responsive Micrnas. [Plos One](#), 10(11), e0142262.
- 126 Lara-Gonzalez, S., Estrella, P., Portillo, C. et al. (2015). Substrate-Induced Dimerization of Engineered Monomeric Variants of Triosephosphate Isomerase From Trichomonas Vaginalis. [Plos One](#), 10(11), e0141747.

- 127 Sosa-Hernandez, E., Ballesteros-Rodea, G., Arias-Del-Angel, J. A., Devora-Canales, D., Manning-Cela, R. G., Santana-Solano, J. & Santillan, M. (2015). Experimental and Mathematical-Modeling Characterization of Trypanosoma Cruzi Epimastigote Motility. [Plos One](#), 10(11), e0142478.
- 128 Gonzalez, J. & Grant, M. (2015). Sequential Motion Planning of Non-Colliding Particles in Euclidean Spaces. [Proceedings of the American Mathematical Society](#), 143(10), 4503-4512.
- 129 Mesquita, R. D., Vionette-Amaral, R. J., Lowenberger, C. et al. (2015). Genome of Rhodnius Prolixus, an Insect Vector of Chagas Disease, Reveals Unique Adaptations to Hematophagy and Parasite Infection. [Proceedings of the National Academy of Sciences of the United States of America](#), 112(48), 14936-14941.
- 130 Yong-Villalobos, L., Gonzalez-Morales, S. I., Wrobel, K. et al. (2015). Methylome Analysis Reveals an Important Role for Epigenetic Changes in the Regulation of the Arabidopsis Response to Phosphate Starvation. [Proceedings of the National Academy of Sciences of the United States of America](#), 112(52), E7293-E7302.
- 131 Vega-Flick, A., Eliason, J. K., Maznev, A. A., Nelson, K. A., Khanolkar, A., Abi, G. M., Boechler, N. & Alvarado-Gil, J. J. (2015). Laser-induced transient grating setup with continuously tunable period. [Review of Scientific Instruments](#), 86(12), 123101.
- 132 Castro-Borges, P. & Veleva, L. (2015). Time of Wetness and Hr-T Complex as Tools for Corrosion Risk Evaluation in a Concrete Block Exposed to a Humid Tropical Environment. [Revista De La Construccion](#), 14(2), 65-71.
- 133 Morales-Hernandez, J., Mandujano-Ruiz, A., Torres-Gonzalez, J., Espinoza-Beltran, F. J. & Herrera-Hernandez, H. (2015). Low Friction Coefficient Coatings Ni-Cr by Magnetron Sputtering, Dc. [Revista De Metalurgia](#), 51(3), e047.
- 134 Sanchez, E. A. S. & Gomez-Blancarte, A. L. (2015). Negotiation of Meaning as a Learning Process: the Case of a Professional Development Program in Statistics Teaching. [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 18(3), 387-419.
- 135 Torres-De la Cruz, M., Ortiz-Garcia, C. F., Bautista-Munoz, C., Ramirez-Pool, J. A., Avalos-Contreras, N., Cappello-Garcia, S. & De la Cruz-Perez, A. (2015). Trichoderma diversity in the cocoa agroecosystem in the state of Tabasco, Mexico. [Revista Mexicana De Biodiversidad](#), 86, 947-961.
- 136 Ayala, M., Esneyder, P., Quintana, P., Gonzalez-Garcia, G. & Diaz, C. (2015). Comparison Between Alumina Supported Catalytic Precursors and Their Application in Thiophene Hydrodesulfurization: $(\text{NH}_4)_4[\text{Ni}_6\text{O}_{24}\text{H}_6]$ Center Dot $5\text{H}_2\text{O}/\text{Gamma-Al}_2\text{O}_3$ and NiOOx/ $\text{Gamma-Al}_2\text{O}_3$ Conventional Systems. [Rsc Advances](#), 5(124), 102652-102662.
- 137 Espinoza, J. H., Reynaga-Hernandez, E., Ruiz-Garcia, J., Montero-Moran, G., Sanchez-Dominguez, M. & Mercado-Urbe, H. (2015). Effects of Green and Red Light in Beta(L)-Crystallin and Ovalbumin. [Scientific Reports](#), 5, 18120.

- 138 Delgado-Gamboa, J. R., Ruiz-Vega, J., Ibarra-Rendon, J. E., Aquino-Bolanos, T. & Giron-Pablo, S. (2015). Isolation and Identification of Native Entomopathogenic Nematodes (Nematoda: Rhabditidae) and Potential for Controlling *Scyphophorus Acupunctatus* in a Laboratory. [Southwestern Entomologist](#), 40(4), 731-739.
- 139 Elyukhin, V. A. (2015). Self-Assembling of Impurity Clusters in Aln:(Ga, B-V, C-V), (B-V, C-V = P, as; P, Sb; as, Sb). [Superlattices and Microstructures](#), 87, 120-124.
- 140 Lorenzo-Andrade, J. A., Sutara, F. & Hernandez-Calderon, I. (2015). Study of the Coupling of Ultra-Thin Cdse Double Quantum Wells. [Superlattices and Microstructures](#), 87, 47-52.
- 141 Cruz-Bautista, F., Zermeno-Gonzalez, A., Alvarez-Reyna, V., Cano-Rios, P., Rivera-Gonzalez, M. & Siller-Gonzalez, M. (2015). Modeling to Estimate the Dimensions of the Wet Bulb in Trickle Irrigation. [Tecnologia Y Ciencias Del Agua](#), 6(4), 131-140.
- 142 Martinez-Herrera, M., Campos, M., Torres, L. A. & Rojas, A. (2015). Enthalpies of Sublimation of Fullerenes by Thermogravimetry. [Thermochemica Acta](#), 622, 72-81.
- 143 Dutt, A., Matsumoto, Y., Santoyo-Salazar, J., Santana-Rodriguez, G. & Godavarthi, S. (2015). Blue to Red Emission From as-Deposited Nc-Silicon/Silicon Dioxide by Hot Wire Chemical Vapor Deposition. [Thin Solid Films](#), 595, 221-225.
- 144 Ponce-Ruiz, N., Rojas-Garcia, A. E., Barron-Vivanco, B. S., Bernal-Hernandez, Y. Y., Medina-Diaz, I. M., Elizondo, G. & Mejia-Garcia, A. (2015). Transcriptional regulation of human paraoxonase 1 by PXR and GR in human hepatoma cells. [Toxicology In Vitro](#), 30, 348-354.
- 145 Castro-Roman, M. J., Aguilera-Luna, I., Gaona-Coronado, A. A., Herrera-Trejo, M. & Torres-Torres, J. (2015). Role of Fe/Mn Ratio and Cooling Rate on Precipitation of Iron Intermetallics Alpha-Alfemnsi and Beta-Alfesi in a 356 Alloy. [Transactions of the Indian Institute of Metals](#), 68(6), 1193-1197.
- 146 Galindo-Hernandez, O., Gonzales-Vazquez, C., Cortes-Reynosa, P., Reyes-Uribe, E., Chavez-Ocana, S., Reyes-Hernandez, O., Sierra-Martinez, M. & Salazar, E. P. (2015). Extracellular Vesicles From Women With Breast Cancer Promote an Epithelial-Mesenchymal Transition-Like Process in Mammary Epithelial Cells Mcf10a. [Tumor Biology](#), 36(12), 9649-9659.
- 147 Mejia-Teniente, L., Torres-Pacheco, I., Rico-Garcia, E., Guevara-Gonzalez, R. G., Joaquin-Ramos, A. J., Rivera-Bustamante, R. F. & Guevara-Olvera, L. (2015). Silencing of a Germin-Like Protein Gene (CchGLP) in Geminivirus-Resistant Pepper (*Capsicum chinense* Jacq.) BG-3821 Increases Susceptibility to Single and Mixed Infections by Geminiviruses PHYVV and PepGMV. [Viruses](#), 7(12), 6141-6151.
- 148 Rodriguez-Aguilar, J., Garcia-Gonzalez, A., Poznyak, T., Chairez, I. & Poznyak, A. (2015). Modeling the Phenanthrene Decomposition Adsorbed in Soil by Ozone: Model Characterization and Experimental Validation. [Water Air and Soil Pollution](#), 226(6), 200.
- 149 Rovito, S. M. & Parra-Olea, G. (2015). Two New Species of Chiropterotriton (Caudata: Plethodontidae) From Northern Mexico. [Zootaxa](#), 4048(1), 57-74.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

150 Ibarra, J. E. & Del Rincon-Castro, M. C. (2015). Myths and realities on insect-resistant transgenic plants. [Acta Universitaria](#), 25(NE 3), 13-23.

151 Cervantes-Camacho, C., Beltran-Langarica, A., Ochoa-Uribe, A. K., Marsch-Moreno, M., Ayala-Sumuano, J. T., Velez-Delvalle, C. & Kuri-Harcuch, W. (2015). The Transient Expression of Klf4 and Klf5 During Adipogenesis Depends on Gsk3 Beta Activity. [Adipocyte](#), 4(4), 248-255.

152 Silva-Navarro, G., Beltran-Carbajal, F. & Trujillo-Franco, L. G. Adaptive-Like Vibration Control in a Three-Story Building-Like Structure With a Pzt Stack Actuator. [Conference Proceedings of the Society for Experimental Mechanics Series](#), 10, 123-131.

153 Varela, L. M. (2015). Institutional Linkage in Network With the Highly Skilled Migration. Perceptions of Costa Ricans Abroad. [Cuadernos Inter C a Mbio Sobre Centroamerica Y El Caribe](#), 12(1), 27-51.

154 Gandini, M. A. & Felix, R. (2015). Molecular and functional interplay of voltage-gated Ca²⁺ channels with the cytoskeleton. [Current Molecular Pharmacology](#), 8(1), 69-80.

155 Alfaro, C. A. & Valencia, C. E. (2015). Graphs with few trivial critical ideals: LAGOS'15 GÇô VIII Latin-American Algorithms, Graphs and Optimization Symposium. [Electronic Notes in Discrete Mathematics](#), 50, 391-396.

156 Beristain-Covarrubias, N., Canche-Pool, E., Gomez-Diaz, R., Sanchez-Torres, L. E. & Ortiz-Navarrete, V. (2015). Reduced iNKT cells numbers in type 1 diabetes patients and their first-degree relatives. [Immunity, Inflammation and Disease](#), 3(4), 411-419.

157 Leyva-Rangel, J. P., Hernandez-Cueto, M. A., Galan-Enriquez, C. S., Lopez-Medina, M. & Ortiz-Navarrete, V. (2015). Bacterial clearance reverses a skewed T-cell repertoire induced by Salmonella infection. [Immunity, Inflammation and Disease](#), 3(3), 209-23.

158 Pretelin-Ricardez, A. & Sacristan, A. I. (2015). Videogame Construction by Engineering Students for Understanding Modelling Processes: the Case of Simulating Water Behaviour. [Informatics in Education](#), 14(2), 265-277.

159 Isidro-Ramirez, R., Viveros, A. M. & Rubio, E. H. (2015). Energy Consumption Model Over Parallel Programs Implemented on Multicore Architectures. [International Journal of Advanced Computer Science and Applications](#), 6(6), 252-259.

160 Rivera-Figueroa, A. & Rivera-Rebolledo, J. M. (2015). A Straightforward Method to Solve the Linear Differential Equations With Constant Coefficients of Order N. [International Journal of Mathematical Education in Science and Technology](#), 46(6), 928-943.

- 161 Rivera-Figueroa, A. & Rivera-Rebolledo, J. M. (2015). Alternative Approach to Second-Order Linear Differential Equations With Constant Coefficients. [International Journal of Mathematical Education in Science and Technology](#), 46(5), 765-775.
- 162 Maldonado, J. L., Herrera-Ambriz, V. M., Rodriguez, M., Ramos-Ortiz, G., Meneses-Nava, M. A., Barbosa-Garcia, O., Santillan, R. & Farfan, N. (2015). Reversible holography and optical phase conjugation for image formation/correction using highly efficient organic photorefractive polymers: Lasers in Optics. [Journal of Applied Research and Technology](#), 13(6), 537-542.
- 163 Escalante-Garcia, J. I. (2015). Overview of potential of urban waste glass as a cementitious material in alternative chemically activated binders. [Journal of Chinese Ceramic Society](#), 43(10), 1441-1448.
- 164 Vera-Aguilar, E., Lopez-Sandoval, E., Godina-Nava, J. J., Cebrian-Garcia, M. E., Lopez-Riquelme, O., Rodriguez-Segura, M. A., Zendejas-Leal, B. E. & Vazquez-Lopez, C. (2015). Arsenic removal from Zimapan contaminated water monitored by the Tyndall effect. [Journal of Environmental Protection](#), 6, 538-551.
- 165 Bouzas, A. O. & Larios, F. (2015). Top Quark Electromagnetic Dipole Moments. [Journal of Physics Conference Series](#), 651, 012014.
- 166 Bouzas, A. O. & Larios, F. (2015). Top Quark Physics at the Lhec. [Journal of Physics Conference Series](#), 651, 012004.
- 167 Honorato, C. G., Larios, F. & Perez, M. A. (2015). Hadronic Decay Asymmetries of the Top Quark. [Journal of Physics Conference Series](#), 651, 012013.
- 168 Baruch, I., Arellano-Quintana, V. & Perez-Reynaud, E. (2015). Dynamic systems identification and control by means of complex-valued recurrent neural networks. [Lecture Notes in Artificial Intelligence](#), 9413, 327-337.
- 169 Ramirez-Trujillo, M. C., Alarco, T. E., Dalmau, O. S. & Zamudio-Ojeda, A. (2015). Segmentation of carbon nanotube images through an artificial neural network. [Lecture Notes in Artificial Intelligence](#), 9413, 338-350.
- 170 Torres-Jimenez, J., Izquierdo-Marquez, I., Gonzalez-Gomez, A. & Avila-George, H. (2015). A branch & bound algorithm to derive a direct construction for binary covering arrays. [Lecture Notes in Artificial Intelligence](#), 9413, 158-177.
- 171 Carvajal-Gamez, B. E., Rubio, E. H., Viveros, A. M. & Hernandez-Castaneda, F. J. (2015). Speech Recognition Native Module Environment Inherent in Mobiles Devices. [Lecture Notes in Computer Science](#), 9175, 267-278.
- 172 Sanchez, E. & Orta, A. (2015). Levels of Reasoning of Middle School Students About Data Dispersion in Risk Contexts. [Mathematics Enthusiast](#), 12(1-3), 275-289.
- 173 Meneses, A. & Tellez, R. (2015). Autoshaping Memory Formation and Retention Loss: Are Serotonin and Other Neurotransmitter Transporters Involved?. [Neuromethods](#), 95, 125-149.

174 Isabel, G. C. A., Daniel, T. G., Elena, F. B. J., Alicia, G. S., Alvaro, H. F. & Gerardo, O. V. B. (2015). What Is the Value of the Marine Heritage of a Protected Coral Reef Area? The Context of the Mesoamerican Barrier Reef System. [Pasos-Revista De Turismo Y Patrimonio Cultural](#), 13(1), 9-24.

175 Arwin, H., Magnusson, R., Del Rio, L. F., Landin, J., Galvan, A. M. & Jarrendahl, K. (2015). Exploring Polarization Features in Light Reflection From Beetles With Structural Colors. [Proceedings of Spie](#), 9429, 942909.

176 Santos-Argumedo, L. (2015). Phenotypic and functional diversity of B lymphocytes. [Revista Alergia Mexico](#), 62(4), 302-311.

177 Ramirez-Garcia, R. G. (2015). Vinculos, transferencias y deseo de saber. Reconstruccion de trayectorias academicas por prestigio: tres casos de la UNAM. [Revista De La Educacion Superior](#), 44(174), 153-156.

178 Rodriguez-Miramontes, J. & Maqueda-Rodriguez, G. (2015). Sni and Cinvestav 21 years of scientific production (1991-2011). [Revista Iberoamericana Para La Investigacion y El Desarrollo Educativo](#), 6(11), 1-23.

179 Cueva-De la Garza, J. F. & De Ibarrola-Nicolin, M. (2015). Aprender en la simultaneidad: la perspectiva de los estudiantes que trabajan sobre los saberes y competencias que construyen. [Revista Mexicana De Investigación Educativa](#), 20(67), 1157-1160.

180 Ozturk, B., De Luna-Bugallo, A., Panaitescu, E. et al. (2015). Atomically thin layers of B-N-C-O with tunable composition. [Science Advances](#), 1(6), e1500094.

181 Vazquez, A., Martinez, O. F. & Fraga, J. (2015). Social Network in Tourism Contexts: Support Town. [Teoria Y Praxis](#), 11(17), 163-177.

[ARTÍCULOS C] – ARTÍCULOS EN REVISTAS DE DIVULGACIÓN CIENTÍFICA Y/O TECNOLÓGICA

182 Iracheta-Cortez, R. (2015). Simulation of electromagnetic transients in power networks with multiple time steps with the frequency-dependent line model (Fd-line). [Ingeniería Investigacion y Tecnologia](#), 16(1), 13-24.

183 Acevedo-Rodrigo, A. (2015). Entre el legado municipal y el avance del gobierno federal: las escuelas de la sierra norte de Puebla, 1922-1942. [Relaciones. Estudios De Historia y Sociedad](#), 36(143), 51-84.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

184 Sacristan, A. I. (2015). Open Peer Commentaries on Chrystalla Papademetri-Kachrimani's "Learning About Learning With Teachers and (From) Young Children". [Constructivist Foundations](#), 10(3), 382-383.

185 De la Rocha, C., Zaina, S. & Lund, G. (2015). Reprogramming transgenerational programming. [Current Opinion in Lipidology](#), 26(6), 603-604.

186 Roldan Vera, E. (2015). Connecting Histories of Education. Transnational and Cross-Cultural Exchanges in (Post) Colonial Education. [Paedagogica Historica](#), 51(6), 781-783.

187 Harper, C. & Siller, M. (2015). OpenAG: a globally distributed network of food computing. [Pervasive Computing](#), 14(4), 24-27.

188 Moukarzel, C. F. & Naumis, G. G. (2015). Comment on "Penrose Tilings as Jammed Solids". [Physical Review Letters](#), 115(20), 209801.

189 Cantoral, R. & Montiel, G. (2015). Untitled. *Revista Latinoamericana De Investigacion En Matematica Educativa-Relime*, 18(3).

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

190 Rivillas-Acevedo, L., Quintanar, L., King, J. & Amero, C. (2015). Real Time Nmr Folding Study of the Human Gamma D Crystallin in the Presence of Metal Ions. [Biophysical Journal](#), 108(2), 52A.

191 Aleman-Lopez, C., Berron-Ruiz, L., Lopez-Herrera, G., Nunez-Nunez, M. E., Yamazaki-Nakashimada, M. A., Zarate-Hernandez, M. C., Santos-Argumedo, L., Espinosa-Rosales, F. & Jimenez-Nicolas, S. (2015). Phenotypic Analysis of Lymphocyte Populations and Determining of Expression Cd40l (Cd154) in Patients With Suspected Diagnosis of X-Linked Hyper-Igm Syndrome (Xhigm). [Journal of Clinical Immunology](#), 35, S33.

192 Berron-Ruiz, L., Bonifaz-Alonzo, L., Segura-Mendez, N. H. et al. (2015). Impaired Cytokine Production by Cd4+T Cells in Common Variable Immunodeficiency (Cvid) Associated With the Absence of Memory B Cells. [Journal of Clinical Immunology](#), 35, S3-S4.

193 Gutierrez, J. C. C., Ruiz, L. B., Hernandez, A. V. et al. (2015). Association With Baffr Expression Memory B Cells; and Their Correlation With Clinical Manifestations in Patients With Common Variable Immunodeficiency (Cvid). [Journal of Clinical Immunology](#), 35, S32-S33.

194 Herrera, G. L., Garcia, E. G., Hernandez, A. V. et al. (2015). X-Linked Agammaglobulinemia Study: Btk Mutations and Clinical Characteristics. [Journal of Clinical Immunology](#), 35, S25-S26.

195 Grinberg, Y., Lopez-Bayghen, B. M., Binder, D. K., Lo, D. D., Ploix, C. C. & Carson, M. J. (2015). Progressive Seizures Following Microglial Activation and Influx of Professional Apcs in Autoimmune Targeting of Astrocytes. [Journal of Neurotrauma](#), 32(12), A55.

196 Ponce, M., Castro, B., Hernandez, A., Ramon, G., Aguilar, E., Camacho, J., Orjuela, M., Sadowinski, S. & Cabrera, M. D. (2015). Expression of Abcb1, Abcc1 and Abcg2 Transporters on 40 Retinoblastomas Cases Naive to Chemotherapy Treatment. [Modern Pathology](#), 28, 469A-470A.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

- 197 Figueroa-Angulo, E. E., Calla-Choque, J. S., Mancilla-Olea, M. I. & Arroyo, R. (2015). RNA-binding proteins in *Trichomonas vaginalis*: atypical multifunctional proteins involved in a posttranscriptional iron regulatory mechanism. [Biomolecules](#), 5(4), 3354-3395.
- 198 Licona-Cassani, C., Cruz-Morales, P., Barona-Gomez, F., Manteca, A., Nielsen, L. K. & Marcellin, E. (2015). Systems Biology Approaches to Understand Natural Products Biosynthesis. [Frontiers in Bioengineering and Biotechnology](#), 3, 199.
- 199 Pantoja-Hernandez, L. & Martinez-Garcia, J. C. (2015). Retroactivity in the Context of Modularly Structured Biomolecular Systems. [Frontiers in Bioengineering and Biotechnology](#), 3, 85.
- 200 Espinosa-Cantu, A., Ascencio, D., Barona-Gomez, F. & DeLuna, A. (2015). Gene duplication and the evolution of moonlighting proteins. [Frontiers in Genetics](#), 6, 227.
- 201 Meneses, A. (2015). Serotonin, Neural Markers, and Memory. [Frontiers in Pharmacology](#), 6, 143.
- 202 Carmona-Aparicio, L., Perez-Cruz, C., Zavala-Tecuapetla, C. et al. (2015). Overview of Nrf2 as Therapeutic Target in Epilepsy. [International Journal of Molecular Sciences](#), 16(8), 18348-18367.
- 203 Perez-Molphe-Balch, E., Santos-Diaz, M. D., Ramirez-Malagon, R. & Ochoa-Alejo, N. (2015). Tissue Culture of Ornamental Cacti. [Scientia Agricola](#), 72(6), 540-561.
- 204 Lopez-Bucio, J., Pelagio-Flores, R. & Herrera-Estrella, A. (2015). Trichoderma as Biostimulant: Exploiting the Multilevel Properties of a Plant Beneficial Fungus. [Scientia Horticulturae](#), 196, 109-123.

Última actualización: marzo 27, 2017 10:39 a.m.

ARTÍCULOS DEL MES DE ADDENDUM DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Mejia-Rodriguez, D., Huang, X., Del Campo, J. M. & Koster, A. M. (2015). Hybrid Functionals With Variationally Fitted Exact Exchange. [Advanced Quantum Chemistry](#), 71, 41-67.
- 2 Ferrer-Alvarez, Y. I., Ortega-Clemente, L. A., Perez-Legaspi, I. A., Hernandez-Vergara, M. P., Robledo-Narvaez, P. N., Rios-Leal, E. & Poggi-Varaldo, H. M. (2015). Growth of *Chlorella vulgaris* and *Nannochloris oculata* in effluents of tilapia farming for the production of fatty acids with potential in the production of biofuels. [African Journal of Biotechnology](#), 14(20), 1710-1717.
- 3 Valle-Gough, R. E., Aviles-Vinas, S. A., Lopez-Erosa, E., Canto-Flick, A., Gomez-Uc, E., Saenz-Carbonell, L. A., Ochoa-Alejo, N. & Santana-Buzzy, N. (2015). Polyamines and WOX genes in the recalcitrance to plant conversion of somatic embryos of Habanero pepper (*Capsicum chinense* Jacq.). [African Journal of Biotechnology](#), 14(7), 569-581.
- 4 Uribe-Campero, L., Nunez-Paleniuss, H. G. & Gomez-Lim, M. A. (2015). Expression of peptide nanoparticles containing a porcine reproductive and respiratory syndrome (PRRS) virus epitope in plants. [African Journal of Microbiology Research](#), 9(24), 1600-1607.
- 5 Garcia-Pena, N. G., Redon, R., Herrera-Gomez, A., Fernandez-Osorio, A. L., Bravo-Sanchez, M. & Gomez-Sosa, G. (2015). Solventless Synthesis of Ruthenium Nanoparticles. [Applied Surface Science](#), 340, 25-34.
- 6 Camacho-Rios, A. & Sanchez-Lujan, B. I. (2015). Paquime. Mesoamerican Influence of Mathematical and Astronomical Thinking. [Bolema Rio Claro](#), 29(52), 508-527.
- 7 Gonzalez, J. & Lupercio, E. (2015). Samuel Gitler and His Work. [Boletin De La Sociedad Matematica Mexicana](#), 21, 3-8.
- 8 Rico-Martinez, F., Hernandez-Aguilar, C., Dominguez-Pacheco, A., Paniagua-Pardo, G., Cruz-Orea, A. & Tomas-Velazquez, S. (2015). Effect of Variable Magnetic Field on Physiological Quality of Broccoli (*Brassica Oleracea* L.) Seeds. *Bothalia*, 45(4), 92-104.
- 9 Matamoros-Veloza, Z., Rendon-Angeles, J. C., Yanagisawa, K., Mejia-Martinez, E. E. & Parga, J. R. (2015). Low Temperature of Porous Materials From Tv Panel Glass Compacted Via Hydrothermal Hot Pressing. [Ceramics International](#), 41, 12700-12709.
- 10 Fischer, C. Y., Lognay, G. C., Detrain, C., Heil, M., Grigorescu, A., Sabri, A., Thonart, P., Haubruge, E. & Verheggen, F. J. (2015). Bacteria may enhance species association in an ant-aphid mutualistic relationship. [Chemoecology](#), 25(5), 223-232.

- 11 Araiza-Saldana, C. I., Pedraza-Priego, E. F., Torres-Lopez, J. E., Rocha-Gonzalez, H. I., Castaneda-Corral, G., Hong-Chong, E. & Granados-Soto, V. (2015). Fosinopril Prevents the Development of Tactile Allodynia in a Streptozotocin-Induced Diabetic Rat Model. [Drug Development Research](#), 76(8), 442-449.
- 12 Gonzalez-Garza, B. I., Stow, A., Sanchez-Teyer, L. F. & Zapata-Perez, O. (2015). Genetic Variation, Multiple Paternity, and Measures of Reproductive Success in the Critically Endangered Hawksbill Turtle (*Eretmochelys Imbricata*). [Ecology and Evolution](#), 5(24), S758-S769.
- 13 Markow, T. A. (2015). The Secret Lives of Drosophila Flies. [ELife](#), 4, e06793.
- 14 Rellan-Alvarez, R., Lobet, G., Lindner, H. et al. (2015). Glo-Roots: an Imaging Platform Enabling Multidimensional Characterization of Soil-Grown Roots System. [ELife](#), 4, e07597.
- 15 Hurtado, M. G., Briones, J. R., Owen, P. Q., Bartolo-Perez, P., Soares, B. G. & Cossa, M. M. (2015). Ferlent (R) - a Controlled Release Fertilizer Produced From a Polymeric Material With Agronomic Benefits. [Environmental Engineering and Management Journal](#), 14(12), 2913-2917.
- 16 Abramowicz, H., Abt, I., Adamczyk, L. et al. (2015). Combination of Measurements of Inclusive Deep Inelastic E(+/-)P Scattering Cross Sections and Qcd Analysis of Hera Data. [European Physical Journal C](#), 75(12), 580.
- 17 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Measurements of the Zz Production Cross Sections in the 2l2 Nu Channel in Proton-Proton Collisions at Root S=7 and 8 Tev and Combined Constraints on Triple Gauge Couplings. [European Physical Journal C](#), 75(10), 511.
- 18 Salas-Marina, M. A., Isordia-Jasso, M. I., Islas-Osuna, M. A., Delgado-Sanchez, P., Jimenez-Bremont, J. F., Rodriguez-Kessler, M., Rosales-Saavedra, M. T., Herrera-Estrella, A. & Casas-Flores, S. (2015). The Epl1 and Sm1 Proteins From Trichoderma Atroviride and Trichoderma Virens Differentially Modulate Systemic Disease Resistance Against Different Life Style Pathogens in Solanum Lycopersicum. [Frontiers in Plant Science](#), 6, 77.
- 19 Rendon-Angeles, J. C., Matamoros-Veloza, Z., Lopez-Cuevas, J., Gonzalez, L. A., Montoya-Cisneros, K. L., Yanagisawa, K., Willis-Richards, J. & Diaz-Algara, J. (2015). Rapid Synthesis of Scheelite Srwo4 Particles Using a Natural Srso4 Ore Under Alkaline Hydrothermal Conditions. [Hydrometallurgy](#), 157, 116-126.
- 20 Aguayo, E., Gomez, D., Ramirez, A., Ruiz, J. & Cervantes, A. (2015). Sensor Placement and Observer Design for Free Choice Continuous Timed Petri Nets. [Ieee Latin America Transactions](#), 13(10), 3253-3261.
- 21 Ostos, R., Ramos, F. F., Cartillo, B. & Felix, V. G. (2015). Selection of Coordination Mechanisms in Intelligent Environments. [Ieee Latin America Transactions](#), 13(9), 3120-3126.
- 22 Soria, F. R. C., Garcia, J. S., Abdala, V. I. R. & Michel, R. P. (2015). Multiuser Mimo Downlink Transmission Using Spatial Modulation. [Ieee Latin America Transactions](#), 13(11), 3568-3572.

- 23 Guillen, D., Arrieta-Paternina, M. R., Zamora, A., Ramirez, J. M. & Idarraga, G. (2015). Detection and Classification of Faults in Transmission Lines Using the Maximum Wavelet Singular Value and Euclidean Norm. [Iet Generation Transmission & Distribution](#), 9(15), 2294-2302.
- 24 Zamora, A., Ramirez, J. M., Arrieta-Paternina, M. R. & Vazquez-Martinez, E. (2015). Digital Filter for Phasor Estimation Applied to Distance Relays. [Iet Generation, Transmission & Distribution](#), 9(14), 1954-1963.
- 25 Maalouf, D., Creuze, V., Chemori, A., Torres-Tamanaja, I., Campos-Mercado, E., Torres-Munoz, J., Lozano, R. & Tempier, O. Real-Time Experimental Comparison of Two Depth Control Schemes for Underwater Vehicles. [International Journal of Advanced Robotic Systems](#), 12, 13.
- 26 Gonzalez-Redondo, P., Gonzalez-Mariscal, G., Lopez, M., Fernandez-Carmona, J., Finzi, A. & Villagra, A. (2015). Maternal Behaviour and Welfare of the Domestic and Wild Rabbit Doe and Its Litter. [Itea-Informacion Tecnica Economica Agraria](#), 111(4), 326-347.
- 27 Durruthy-Rodriguez, M. D., Hernandez-Garcia, M., Portelles, J., Fuentes, J., Hernandez-Landaverde, M. A., Cardona, M. R. & Yanez-Limon, J. M. (2015). Strong Emissions of Blue-Yellow-Red Regions of La and Ti Modified Knanbo3 Ferroelectric Ceramics. [Journal of Advanced Ceramics](#), 4(3), 183-189.
- 28 Chapoy-Villanueva, H., Martinez-Carlin, I., Lopez-Berestein, G. & Chavez-Reyes, A. (2015). Therapeutic Silencing of Hpv 16 E7 by Systemic Administration of Sirna-Neutral Dopc Nanoliposome in a Murine Cervical Cancer Model With Obesity. [Journal of Buon](#), 20(6), 1471-1479.
- 29 Martinez-Medina, L. A., Bray, H. L. & Matos, T. (2015). On Wave Dark Matter in Spiral and Barred Galaxies. [Journal of Cosmology and Astroparticle Physics](#), (12), 025.
- 30 Ruiz-Hurtado, G., Li, L. W., Fernandez-Velasco, M. et al. (2015). Reconciling Depressed Ca²⁺ Sparks Occurrence With Enhanced Ryr2 Activity in Failing Mice Cardiomyocytes. [Journal of General Physiology](#), 146(4), 295-306.
- 31 Khachatryan, V., Sirunyan, A. m., Tumasyan, A. et al. (2015). Search for a Light Charged Higgs Boson Decaying to C S-Bar in Pp Collisions at Sqrt(S) = 8 Tev. [Journal of High Energy Physics](#), (12), 178.
- 32 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Search for Disappearing Tracks in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (1), 096.
- 33 Gonzalez-Mariscal, G., Lemus, A. C. & Aguilar-Roblero, R. (2015). Contribution of Suckling Stimulation to the Daily Periodic Display of Nursing Behavior in Non-Lactating Virgin Rabbits. [Journal of Neurology & Neurophysiology](#), 6(6), 1000327.
- 34 Hernandez-Flores, G., Poggi-Varaldo, H. M., Solorza-Feria, O., Ponce Noyola, M. T., Romero-Castanon, T. & Rinderknecht-Seijas, N. (2015). Improvement of Microbial Fuel Cell Performance by Selection of Anodic Materials and Enrichment of Inoculum. [Journal of New Materials for Electrochemical Systems](#), 18, 121-129.

- 35 Garcia-Domene, B., Sans, J. A., Manjon, F. J. et al. (2015). Synthesis and High-Pressure Study of Corundum-Type In_2O_3 . [Journal of Physical Chemistry C](#), 119(52), 29076-29087.
- 36 Hernandez, J. M., Ruiz, A. M., Torrez-Gonzalez, J., Lopez, R. A., Zaldivar, F. C. & Beltran, F. J. E. (2015). Characterization of Thin Films Deposited by Physical Vapor Deposition (Pvd), Using Electrochemical Impedance Spectroscopy (Eis) Technique. *Journal of the Mexican Chemical Society*, 59(4), 308-313.
- 37 Lashkevych, I., Titov, O. Y. & Gurevich, Y. G. (2015). New Perspectives for Photoelectric Phenomena. [Lithuanian Journal of Physics](#), 55(4), 342-351.
- 38 Vallejo, E. & Olguin, D. (2015). New Metastable Phases in a Trititanium Pentoxide Compound. [Materials Research Express](#), 2(12), 126101.
- 39 Manzo-Robledo, A., Cruz-Lopez, A., Flores-Caballero, A. A., Zaldivar-Cadena, A. A., Lopez, M. & Vazquez-Cuchillo, O. (2015). Photoelectrochemical Properties of Sol-Gel Synthesized Titanium Dioxide Nano-Particles Using Different Acids: X-Ray Photoelectron Spectroscopy Reveals the Induced Effect of Hydrolysis Precursor. [Materials Science in Semiconductor Processing](#), 31, 94-99.
- 40 Trejo-Caballero, G., Rostro-Gonzalez, H., Garcia-Capulin, C. H., Ibarra-Manzano, O. G., Avina-Cervantes, J. G. & Torres-Huitzil, C. (2015). Automatic Curve Fitting Based on Radial Basis Functions and a Hierarchical Genetic Algorithm. [Mathematical Problems in Engineering](#), 2015, 731207.
- 41 Perez-Gutierrez, R. M., Muniz-Ramirez, A., Anaya-Sosa, I., Cruz-Victoria, T. & Mota-Flores, J. M. (2015). Inhibitory activities of Guaianolides from the Seeds of *Byrsonima Crassifolia* against Protein Glycation In Vitro. [Medicinal Chemistry](#), 5(5), 217-225.
- 42 Blanco-Alvarez, V. M., Soto-Rodriguez, G., Gonzalez-Barrios, J. A. et al. (2015). Prophylactic Subacute Administration of Zinc Increases *Ccl2*, *Ccr2*, *Fgf2*, and *Igf-1* Expression and Prevents the Long-Term Memory Loss in a Rat Model of Cerebral Hypoxia-Ischemia. [Neural Plasticity](#), 2015, 375391.
- 43 Cervantes, R., Tiburcio, J. & Torrens, H. (2015). Cis and Trans Influences on $[\text{Pt}(\text{Srf})(\text{Triphos})]^+$ Complexes (Srf = Polyfluorobenzothiolate). [New Journal of Chemistry](#), 39, 631-638.
- 44 Brule, T., Montero-Munoz, J., Morales-Lopez, N. & Mena-Loria, A. (2015). Influence of Circle Hook Size on Catch Rate and Size of Red Grouper in Shallow Waters of the Southern Gulf of Mexico. [North American Journal of Fisheries Management](#), 35(6), 1196-1208.
- 45 Alvarez-Gonzalez, I., Islas-Islas, V., Chamorro-Cevallos, G. et al. (2015). Inhibitory Effect of *Spirulina Maxima* on the Azoxymethane-Induced Aberrant Colon Crypts and Oxidative Damage in Mice. [Pharmacognosy Magazine](#), 11(44), S619-S624.
- 46 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2015). Evidence for Transverse-Momentum- and Pseudorapidity-Dependent Event-Plane Fluctuations in Pbpb and Ppb Collisions. [Physical Review C](#), 92(3), 034911.

- 47 Jimenez-Juarez, J. A., Arambula-Villa, G., De La Cruz-Lazaro, E. & Aparicio-Trapala, M. A. (2015). Alkaline Cooking and Tortilla Quality in Maize Grains From the Humid, Tropical Lands of Mexico. [Phyton-International Journal of Experimental Botany](#), 94(1), 1-7.
- 48 Long, Y. C., Smet, W., Cruz-Ramirez, A. et al. (2015). Arabidopsis Bird Zinc Finger Proteins Jointly Stabilize Tissue Boundaries by Confining the Cell Fate Regulator Short-Root and Contributing to Fate Specification. [Plant Cell](#), 27(4), 1185-1199.
- 49 Barraza, A., Luna-Martinez, F., Chavez-Fuentes, J. C. & Alvarez-Venegas, R. (2015). Expression profiling and down-regulation of three histone lysine methyltransferase genes (PvATXR3h, PvASHH2h and PvTRX1h) in the common bean. [Plant Omics Journal](#), 8(5), 429-440.
- 50 Volpetti, F., Garcia-Cordero, J. & Maerkl, S. J. (2015). A Microfluidic Platform for High-Throughput Multiplexed Protein Quantitation. [Plos One](#), 10(2), e0117744.
- 51 Gonzalez-Solis, A. & Torruco, D. (2015). Fauna y flora intermareal de las costas rocosas de Quintana Roo, Mexico. [Revista De Biologia Tropical](#), 63(4), 943-958.
- 52 Gonzalez-Solis, A. & Torruco, D. (2015). Intertidal Rocky Shore Fauna and Flora of Quintana Roo, Mexico. [Revista De Biologia Tropical](#), 63(4), 943-958.
- 53 Camarillo-Ravelo, D., Barajas-Aceves, M. & Rodriguez-Vazquez, R. (2015). Evaluation of the phytotoxicity of mine tailings in four species used as bioindicators of heavy metals. [Revista Internacional De Contaminacion Ambiental](#), 31(2), 133-143.
- 54 Ortiz-Cornejo, N. L., Luna-Guido, M., Rivera-Espinoza, Y., Vazquez-Murrieta, M. S., Ruiz-Valdiviezo, V. M. & Dendooven, L. (2015). Greenhouse Gas Emissions From a Chinampa Soil or Floating Gardens in Mexico. [Revista Internacional De Contaminacion Ambiental](#), 31(4), 343-350.
- 55 Cuevas-Ortiz, F. A., Neria-Gonzalez, M. I. & Aguilar-Lopez, R. (2015). Nonlinear Observer for Switched Systems: Application to a Batch Bioreactor. [Revista Mexicana De Ingenieria Quimica](#), 14(1), 137-147.
- 56 Silva, L., Gasca-Leyva, E., Escalante, E., Fitzsimmons, K. M. & Lozano, D. V. (2015). Evaluation of Biomass Yield and Water Treatment in Two Aquaponic Systems Using the Dynamic Root Floating Technique (Drf). [Sustainability](#), 7(11), 15384-15399.
- 57 Chin, W., Huchim, O., Wegrzyn, G. H., Sprau, S. E., Salas, S. & Markovitz, G. H. (2015). Co and Co2 Analysis in the Diving Gas of the Fishermen of the Yucatan Peninsula. [Undersea and Hyperbaric Medicine](#), 42(4), 297-305.
- 58 Huchim-Lara, O., Salas, S., Chin, W., Montero, J. & Fraga, J. (2015). Diving Behavior and Fishing Performance: the Case of Lobster Artisanal Fishermen of the Yucatan Coast, Mexico. [Undersea and Hyperbaric Medicine](#), 42(4), 285-296.

59 Rovito, S. M., Vasquez-Almazan, C. R., Papenfuss, T. J., Parra-Olea, G. & Wake, D. B. (2015). Biogeography and Evolution of Central American Cloud Forest Salamanders (Caudata: Plethodontidae: Cryptotriton), With the Description of a New Species. [Zoological Journal of the Linnean Society](#), 175(1), 150-166.

[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)

60 Alvarez-Muniz, J., Aab, A., Abreu, P., Aglietta, M... [et la.]. (2015). Searches for Ultra-High Energy Neutrinos at the Pierre Auger Observatory. [Aip Conference Proceedings](#), 1666, 040003.

61 Ramirez, J. M., Gonzalez-Lopez, J. M., Rosas-Caro, J. C., Tapia-Olvera, R., Lozano, J. M. & Valderrabano-Gonzalez, A. (2015). Study of Statcom in Abc Framework. [Power Systems](#), 4622, 371-403.

62 Rickards J., Golzarri, J. I., Vazquez-Lopez, C. & Espinosa, G. (2015). Radon Detection in Conical Diffusion Chambers: Monte Carlo Calculations and Experiment. [Aip Conference Proceedings](#), 1671, 020011.

63 Salazar-Vazquez, J. & Mendez-Vazquez, A. (2015). Smv Perpendicular to: Simplex of Maximal Volume Based Upon the Gram-Schmidt Process. [Proceedings of Spie](#), 9643, 96430U.

64 Trujillo-Vazquez, Y. & Pech Canul, M. I. (2015). Topaz and Some Materials With Thermoluminescent Properties and Potential Applications in Dosimetry. [MRS Proceedings](#), 1769, IMRC 2014 6E-05.

65 Valderrabano-Gonzalez, A., Ramirez, J. M., Tapia-Olvera, R., Rosas-Caro, J. C., Lozano-Garcia, J. M. & Gonzalez-Lopez, J. M. (2015). Analysis and Implementation of an 84-Pulse Statcom. [Power Systems](#), 4622, 83-110.

66 Lopez-Monteon, A., Moran-Utrera, Y., Rosales-Encina, J. L. & Ramos-Ligonio, A. (2015). Expression and Liberation of Chemoattractant Molecules in Huvecs Induced by R Ssp4 Derived From T. Cruzi Amastigotes. [Acta Biomedica Scientia](#), 2(4), 246-249.

67 Morales-Tapia, A. A., Colorado-Peralta, R., Duarte-Hernandez, A. M., Flores-Parra, A. & Rivera, J. M. (2015). Crystal Structure of Catena-Poly[[[Triaqua(4-Cyanobenzoato-Kappa O)Nickel(II)]-Mu-4,4 '-Bipyridine-Kappa N-2:N '] 4-Cyanobenzoate]. [Acta Crystallographica Section E-Crystallographic Communications](#), 71, M197-+.

68 Covarrubias, S. A., Garcia-Berumen, J. A. & Pena-Cabrales, J. J. (2015). Microorganisms role in the bioremediation of contaminated soils. [Acta Universitaria](#), 25(NE 3), 40-45.

69 Trejo-Saavedra, D. L., Rodriguez-Negrete, E. A. & Rivera-Bustamante, R. F. (2015). Detection of transgenes in genetically modified organisms and their subproducts. [Acta Universitaria](#), 25(NE 3), 24-39.

70 Kumar, B., Smita, K., Cumbal, L. et al. (2015). Potosynthesis and Biological Activity of Silver Nanoparticles Using Passiflora Tripartita Fruit Extracts. [Advances in Material Letter](#), 6(2), 127-132.

- 71 Sanchez-Vergara, M. E., Huerta-Francos, M., Menendez-Huerta, M., Espinosa-Creel, M., Amelines-Sarria, O. & Santoyo-Salazar, J. (2015). Preparation of Hybrid Materials Containing M(li)Pc (M = Fe, Co, Ni)/Nylon Films With Optical and Electrical Properties. [Advances in Materials Physics and Chemistry](#), 5, 271-280.
- 72 Luna, F., Barrientos, E., Alatraste, V., Martinez, I., Limon, I. D. & Gonzalez-Flores, O. (2015). Morphology and Chemical Phenotype of the Ovarian Intrinsic Neurons in Neonate and Sexually Mature Reproductive Guinea Pig. [Advances in Reproductive Sciences](#), 3, 13-26.
- 73 Singh, H. S., Das, P. K., Das, S., Banik, S. D. & Bose, K. (2015). Sociodemographic Profile and Nutritional Status of Gond Tribals From Melnadih Village, Chhattisgarh. [American Journal of Advances in Medical Science](#), 3(1), 23-29.
- 74 Mendez-Martinez, M., Gonzalez-Sierra, J. & Aranda-Bricaire, E. Control de vuelo en configuracion lider-seguidor para aeronaves tipo cuadirotor. *AMRob Journal, Robotics: Theory and Applications*, 3(1), 17-22.
- 75 Nunez-Cruz, R. S. & Ibarra-Zannatha, J. M. Desarrollo de un robot humanoide optimo basado en caminantes dinamicos pasivos. *AMRob Journal, Robotics: Theory and Applications*, 3(1), 8-15.
- 76 Penalzoza-Mendoza, G. R., Hernandez-Mendoza, D. E. & Aranda-Bricaire, E. (2015). Discrete-time time-varying formation control for multi-agent systems applied to n-trailer configuration. *AMRob Journal, Robotics: Theory and Applications*, 3(2), 37-42.
- 77 Vera-Bustamante, P., Carrillo-Mendoza, R., Canizo, D. G. & Ibarra-Zannatha, J. M. Que necesita un robot humanoide para jugar futbol? *AMRob Journal, Robotics: Theory and Applications*, 3(1), 1-7.
- 78 Civera, A. (2015). Entre lo local y lo global. La Unesco y el proyecto educativo piloto de Mexico 1947-1951. [Annali Di Storia Dell'Educazione E Delle Istituzioni Scolastiche](#), (22), 166-179.
- 79 Roldan-Vera, E. (2015). El castigo fisico en la escuela en Mexico en el siglo XIX: entre la gobernabilidad escolar y la autoridad sobre el alma de los ninos. [Annali Di Storia Dell'Educazione E Delle Istituzioni Scolastiche](#), (22), 85-96.
- 80 Shkvarko Y. V., Yanez, I. & Amao, J. (2015). Towards the Virtual Remote Sensing Laboratory: Multi-Scale Descriptive Experiment Design Regularization Paradigms. *Applied Radio Electronics*, 14(2), 137-144.
- 81 Rubio-Guerra, A. F., Vargas-Robles, H., Cuenca, J. A. S., Huerta-Ramirez, S. & Escalante-Acosta, B. A. (2015). Correlation Between the Adiponectin/Resistin Index and Albuminuria in Hypertensive Type 2 Diabetic Patients. [Archivos De Medicina](#), 15(2), 320-325.
- 82 Sanchez-Hernandez, H., Cazares-Raga, F. E., Cortes-Martinez, L., Sanchez-Garcia, Ortiz-Plata, A. & Hernandez-Hernandez, F. C. (2015). Dinamica de la proteina de union a fosfatidiletanolamina 1 en la isquemia cerebral focal y la reperfusion sanguinea tempranas en la corteza parietal en un modelo de rata. *Archivos De Neurociencias*, 19, 8-15.

- 83 Rodriguez-Fuentes, G., Arcega-Cabrera, F. & Fargher, L. F. (2015). Plasma and Erythrocyte Cholinesterase Activities in Children From Yucatan, Mexico: Relationship With Anthropometry and Obesity. [Asian Journal of Pharmaceutical and Clinical Research](#), 8(3), 224-228.
- 84 Avila-Ortiz, C. G., Lopez-Ortiz, M., Vega-Penalzoza, A., Regla, I. & Juaristi, E. (2015). Use of (R)-Mandelic Acid as Chiral Co-Catalyst in the Michael Addition Reaction Organocatalyzed by (1s,4s)-2-Tosyl-2,5-Diazabicyclo[2.2.1]Heptane Under Solvent-Free Conditions. [Asymmetric Catalysis](#), 2, 37-44.
- 85 Didou-Aupetit, S. (2015). Equity, Diversity and Internationalization in Indigenous and Intercultural Higher Education in Latin America. [Athens Journal of Education](#), 2(3), 245-255.
- 86 Cantoral, R., Montiel, G. & Reyes-Gasperini, D. (2015). Analysis of School Mathematics Discourse on Textbooks, a View From Socio Epistemological Theory. [Avances De Investigacion En Educacion Matematica](#), (8), 9-27.
- 87 Chuang, P. C., Young, M. B., Miller, L. G., Herrera-Silveira, J. A. & Paytan, A. (2015). Methane and Sulfate Dynamics in Sediments From Mangrove-Dominated Tropical Coastal Lagoons, Yucatan, Mexico. [Biogeosciences Discuss](#), 12, 17913-17951.
- 88 Ayala-Manriquez, J., Neira-Gonzalez, A. M., Perez-Gutierrez, R. M., Cuellar-Rivera, G. & Flores-Cotera, L. B. (2015). Inhibidores de la glicacion de proteinas purificados a partir del extracto de Sphingomonas sp. 3a-1, una bacteria endofita de Piper auritum. [Biotecnologia](#), 19(3), 13-24.
- 89 Monteon, V., Quen-Ramirez, E., Diaz-Arce, R., Vargas, M., Lopez, R., Baylon, L. & Rosales, J. L. (2015). Differentiation in a Single-Tube Pcr Between Leishmania Mexicana and Leishmania Braziliensis in Clinical Samples. [British Microbiology Research Journal](#), 6(4), 225-235.
- 90 Reyes-Uribe, E., Galindo-Hernandez, O., Cortes-Reynosa, P. & Perez-Salazar, E. (2015). Cell migration induced by native type IV collagen requires PI3K/Akt2 and EGFR activity in MDA-MB-231 breast cancer cells. [Cancer Research Journal](#), 3(3), 52-62.
- 91 Moreno, R., Meyer, N., Olmos, M., Hoogesteijn, R. & Hoogesteijn, A. L. (2015). Causes of Jaguar Killing in Panama – a Long Term Survey Using Interviews. [CatNews](#), 62, 40-42.
- 92 Benitez-Rangel, E., Lopez-Mendez, M. C., Garcia, L. & Guerrero-Hernandez, A. (2015). DIDS (4,4'-Diisothiocyanatostilbene-2,2'-disulfonate) directly inhibits caspase activity in HeLa cell lysates. [Cell Death Discovery](#), 1, 15037.
- 93 Rovito, S. M., Devitt, T. J. & Devitt, S. C. (2015). First Survey of the Amphibians and Reptiles of the Nectandra Cloud Forest Reserve, Alajuela, Costa Rica. [Check List](#), 11(2), 1570.
- 94 Hernandez-Del Valle, G. & Pacheco, C. G. (2015). Hitting Times for Bessel Processes. [Communications in Stochastic Analysis](#), 9(1), 79-92.
- 95 Boyain y Goytia Luna, C. E., Mendez-Vazquez, A. & Ramos-Corchado, M. A. (2015). Autonomous Motion Planning for Avatars Limbs. [Computacion y Sistemas](#), 19(3), 457-466.

- 96 Carbajal-Espinosa, O., Gonzalez-Jimenez, L., Oviedo-Barriga, J., Castillo-Toledo, B., Loukianov, A. & Bayro-Corrochano, E. (2015). Modeling and Pose Control of Robotic Manipulators and Legs Using Conformal Geometric Algebra, Modeling and Pose Control of Robotic Manipulators and Legs Using Conformal Geometric Algebra. [Computacion y Sistemas](#), 19(3), 475-486.
- 97 Castelan, M., Cruz-Perez, E. & Torres-Mendez, L. A. (2015). A Photometric Sampling Strategy for Reflectance Characterization and Transference. [Computacion y Sistemas](#), 19(2), 255-272.
- 98 Cervantes-Herrera, A., Ruiz-Leon, J., Lopez-Limon, C. & Ramirez-Trevino, A. (2015). Output Regulation and Consensus of a Class of Multi-Agent Systems Under Switching Communication Topologies. [Computacion y Sistemas](#), 19(4), 757-767.
- 99 Gomez-Gutierrez, D., Ramirez-Trevino, A., Di Gennaro, S. & Vazquez, C. R. (2015). Observability and Observer Design for Continuous-Time Perturbed Switched Linear Systems Under Unknown Switchings. [Computacion y Sistemas](#), 19(4), 769-781.
- 100 Pedroza-De La Cruz, A., Carrasco-Diaz, M. A., Ortega-Cisneros, S., Raygoza-Panduro, J. J., Rivera-Dominguez, J. & Sandoval-Ibarra, F. (2015). Hw/Sw Co-Design of a Specific Accelerator for Robotic Computer Vision. [Computacion y Sistemas](#), 19(3), 513-527.
- 101 Perez-Sanchez, H. A., Benitez-Rendon, E. U., Castillo-Toledo, B., Loukianov, A. G., Luque-Vega, L. F. & Saad, M. (2015). Cockpit Design for First Person View Flight for a Remotely Operated Quadrotor Helicopter. [Computacion y Sistemas](#), 19(3), 501-511.
- 102 Przedzinski, T., Roig, P., Shekhovtsova, O., Was, Z. & Zaremba, J. (2015). Confronting Theoretical Predictions with Experimental Data: a Fitting Strategy for Multi-Dimensional Distributions. [Computer Science](#), 16(1), 17-38.
- 103 Guzman-Rosas, S. C., Kleiche-Dray, M., Zolla, C. & Suaste-Gomez, E. (2015). The exclusion of indigenous traditional knowledge in the higher education: the case of traditional medicine and the Mexican medical education. [Creative Education](#), (6), 867-879.
- 104 Chavez-Montes, R. A., Herrera-Ubaldo, H., Serwatowska J. & De Folter, S. (2015). Towards a Comprehensive and Dynamic Gynocium Gene Regulatory Network. [Current Plant Biology](#), 3-4, 3-12.
- 105 Rubio-Guerra, A. F., Vargas-Robles, H., Vargas-Ayala, G., Elizalde-Barrera, C. I., Duran-Salgado, M. B. & Escalante-Acosta, B. A. (2015). Effect of Atorvastatin on Circulating Adipocytokine Levels in Diabetic Patients. [Current Research Cardiology](#), 2, 168-170.
- 106 Zayago-Lau, E., Foladori, G., Vila-Vazquez, L., Appelbaum, R. P. & Arteaga-Figueroa, R. (2015). Analisis economico sectorial de las empresas de nanotecnologia en Mexico. [Documentos De Trabajo IELAT](#), (79), 1-32.
- 107 Rockwell, E. & Anderson-Levitt, K. (2015). Significant Currents of Ethnographic Research on Education: Majorities, Minorities and Migrations Across the Americas. [Educacao e Pesquisa](#), 41(NE), 1129-1135.

108 Weiss, E. (2015). Mas alla de la socializacion y sociabilidad: jovenes y bachillerato en Mexico. [Educacao e Pesquisa](#), 41(NE), 1257-1272.

109 Guerra-Paramo, G., Garcia-Gil, F., Escobedo-Correa, O. & Hernandez-Hernandez, F. C. (2015). Comparison Between Dna and Analyses Morphometrics as Tool for Identification of Sex of the Golden Eagles (Aquila Chrysaetos Canadensis). [Entomology, Ornithology & Herpetology](#), 4(2), 1000151.

110 Parra-Laca, R., Hernandez-Hernandez, F. C., Lanz-Mendoza, H., Borrego-Enriquez, L. E. & Garcia-Gil, F. L. (2015). Isolation and Identification of Saprolegnia Sp From Fresh Water Aquarium Fishes and the Hemolymph Immune Response of Dactylopus Coccus Costa De 1835 (Homoptera: Coccoidea: Dactylopidae) Against This Oomycete. [Entomology, Ornithology & Herpetology](#), 4(2), 1000149.

111 Navarro-Gonzalez, J. L., Lopez-Juarez, I., Ordaz-Hernandez, K. & Rios-Cabrera, R. (2015). On Line Incremental Learning for Unknown Conditions During Assembly Operations With Industrial Robots. [Evolving Systems](#), 6(2), 101-114.

112 Vera-Reyes, I., Huerta-Heredia, A. A., Ponce-Noyola, T., Cerda-Garcia-Rojas, C. M., Trejo-Tapia, G. & Ramos-Valdivia, A. C. (2015). Monoterpenoid indole alkaloids and phenols are required antioxidants in glutathione depleted Uncaria tomentosa root cultures. [Frontiers in Environmental Science](#), 3, 27.

113 Rodriguez-Zaragoza, F. A. & Arias-Gonzalez, J. E. (2015). Coral Biodiversity and Bio-Construction in the Northern Sector of the Mesoamerican Reef System. [Frontiers in Marine Science](#), 2, 13.

114 Manjarrez-Gutierrez, G., Neri-Gomez, T., Boyzo-Montes De Oca, A. & Hernandez-Rodriguez, J. (2015). Characterization of an Intrinsic Serotonergic System in Rat Heart. [Global Advanced Research Journal of Medicine and Medical Science](#), 4(2), 083-091.

115 Manjarrez-Gutierrez, G., Neri-Gomez, T., Herrera-Marquez, R., Boyzo-Montes De Oca, A., Mansilla-Olivares, A. & Hernandez-Rodriguez, J. (2015). Diabetes Mellitus Causes Changes in the Heart Intrinsic Serotonergic System During the Development of the Cardiomyopathy. [Global Advanced Research Journal of Medicine and Medical Science](#), 4(11), 485-492.

116 Manjarrez-Gutierrez, T., Neri-Gomez, R., Herrera-Marquez, R., Mondragon-Herrera, J. A., Boyzo-Montes De Oca, A. & Hernandez-Rodriguez, J. (2015). Brain Serotonergic Disturbances Caused by Diabetes Mellitus Are Not Reversed by Insulin Treatment. [Global Advanced Research Journal of Medicine and Medical Science](#), 4(10), 441-448.

117 Villalon, M., Salas-Zuniga, R., Reyes-Zamora, U., Radillo, R., Reyes-Araiza, J. L. & Manzano-Ramirez, A. (2015). Effect on Dynamic, Quasi-Static Elastic Moduli of Glass Fiber Laminates. [Green Materials](#), 3(4), 113-119.

- 118 Mendez, N., Barrera-Perez, M., Palma-Solis, M. A., Castillo-Burguete, M. T. & Prelip, M. (2015). Policies and Programs to Improve Physical Activity, Eating Practices, and Water Consumption in Merida, Yucatan (Mexico) Public Schools. [Health Behavior and Policy Review](#), 2(6), 450-460.
- 119 Alvarez-Mendiola, G. (2015). The End of the Boom: Private Higher Education in Mexico in the First Decade of the 21st Century. [Higher Education Forum](#), 12(1), 37326.
- 120 Banik, S. D., Ghritlahre, M., Das, S. & Bose, K. (2015). Fluctuating Asymmetry of Hand and Foot Dimensions Among University Girl Students From Bilaspur, India. [Human Biology Review](#), 4(4), 378-386.
- 121 Fraustro-Valdez, J., Desirena-Lopez, G., Ramirez-Trevino, A. & Ruiz-Leon, J. (2015). Sliding Mode Diagnosers for Leakage Faults on Timed Continuous Petri Nets. [Ifac-PapersOnLine](#), 48(7), 110-117.
- 122 Garcia-Rodriguez, R., Villalva-Lucio, M. & Parra-Vega, V. (2015). Dexterous Dynamic Optimal Grasping of a Circular Object Subject to Gravity With Soft -fingertips. [Ifac-Papersonline](#), 48(19), 220-225.
- 123 Martinez-Araiza, U. & Lopez-Mellado, E. (2015). CTL Model Repair for Bounded and Deadlock Free Petri Nets. [Ifac-PapersOnLine](#), 48(7), 154-160.
- 124 Munoz-Vazquez, A. J., Parra-Vega, V. & Sanchez-Orta, A. (2015). Control of Constrained Robot Manipulators Based on Fractional Order Error Manifolds. [Ifac-Papersonline](#), 48(19), 118-123.
- 125 Navarro-Gutierrez, M., Ramirez-Trevino, A. & Silva, M. (2015). Bifurcations in Timed Continuous Petri Nets. [Ifac-PapersOnLine](#), 48(27), 33-40.
- 126 Sanchez-Fraire, U., Parra-Vega, V., Martinez-Peon, D., Sepulveda-Cervantes, G., Sanchez-Orta, A. & Munoz-Vazquez, A. J. (2015). On the Brain Computer Robot Interface (Bcri) to Control Robots. [Ifac-Papersonline](#), 48(19), 154-159.
- 127 Vallejo-Alarcon, M. A., Castro-Linares, R. & Velasco-Villa, M. (2015). Unicycle-Type Robot & Quadrotor Leader-Follower Formation Backstepping Control. [Ifac-PapersOnLine](#), 48(19), 51-56.
- 128 Vazquez, C. R., Gomez-Gutierrez, D., Ramirez-Tevino, A. & Navarro, M. (2015). Eventual Generic Observability in Linear Hybrid Systems with Discrete Dynamic Modeled by Petri Nets. [Ifac-PapersOnLine](#), 48(27), 47-53.
- 129 Acosta-Ramirez, D. S., Cortes, A. O. & Parra, R. B. (2015). Scientific Development Analysis in the Yucatan Peninsula: a Researchers' Point of View. *Ijri-International Journal of Educational Research and Innovation*, (4), 111-122.
- 130 Guzman-Mejia, F., Lopez-Rubalcava, C. & Gonzalez-Espinosa, C. (2015). Stress-Dependent Control of Cytokine Production in Mast Cells Stimulated Through Fc ϵ ri and Toll-Like 4 Receptors. [Inflammation and Cell Signaling](#), 2, e881.

- 131 Loza-Pacheco, D., Suaste-Gomez, E. & De La Cruz-Burelo, E. (2015). Blindness and Low Vision, an Overview of Opportunities for Health Services and Preventive Medicine. [International Journal of Advance in Medical Science](#), 3(1), 33-36.
- 132 Neria-Gonzalez, M. I. & Aguilar-Lopez, R. (2015). Uncertainty estimator based nonlinear feedback control for tracking trajectories in a class of continuous bioreactor. [International Journal of Bioautomation](#), 19(1), 43-60.
- 133 Calderon-Rosete, G., Gonzalez-Barrios, J. A., Kameyama, L., Arguijo-Hernandez, E. & Rodriguez-Sosa, L. (2015). Sequence Analysis of the Acetylcholinesterase 1 Translated From Messenger Ribonucleic Acid of the Nervous System of Crayfish (*Cherax Quadricarinatus*). [International Journal of Biosciences](#), 7(6), 32-41.
- 134 Duarte-Mermoud, M. A., Aguila-Camacho, N. & Castro-Linares, R. (2015). Position Control of the Thomson'S Ring System Using Fractional Operators. [International Journal of Circuits, Systems and Signal Processing](#), 9, 344-352.
- 135 Duque, F. & Hidalgo-Toscano, C. (2015). An upper bound on the k-modem illumination problem. [International Journal of Computational Geometry and Applications](#), 25(4), 299-308.
- 136 Prieto-Contreras, L. F., Avelar-Gonzalez, F. J., Loera-Muro, V. M., Quinones-Valles, C., Loera-Muro, A., Ramirez-Lopez, E. M., Esparza-Garcia, F. & Guerrero-Barrera, A. L. Bioflocks structure from enriched lab-scale stabilization ponds used to remove high chromium concentrations. [International Journal of Current Microbiological Application in Science](#), 4(1), 625-634.
- 137 Jimenez-Perez, J. L., Lopez-Gamboa, G., Correa-Pacheco, Z. N., Sanchez-Ramirez, J. F. & Sanchez-Rivera, M. S.-V. M. (2015). Preparation and enhancement of thermal diffusivity of biodiesel from Nutrioli oil filled with Ag nanoparticles. [International Journal of Engineering and Technical Research](#), 3(9), 162-165.
- 138 Valdez, S., Chigo-Anota, E., Pech-Canul, M. I. & Juarez-Islas, J. A. (2015). Degradation Analysis of Aluminum Cellular Alloy in Saline Ionic Electrolyte. [International Journal of Innovative Research in Science, Engineering and Technology](#), 4(11), 10337-10345.
- 139 Bolio-Lopez, G. I., Cardenas-Madrigal, G., Veleza, L., Falconi, R., De la Cruz-Burelo, P., Hernandez-Villegas, M. M. & Pelayo-Munoz, L. (2015). Extraction of cellulose fibers from to leaf petioles (*Calathea lutea*) and characterization. [International Journal of Innovative Science, Engineering & Technology](#), 2(4), 977-981.
- 140 Santos-Trigo, M., Reyes-Martinez, I. & Ortega-Moreno, F. (2015). Fostering and Supporting the Coordinated Use of Digital Technologies in Mathematics Learning. [International Journal of Learning Technology](#), 10(3), 251-270.
- 141 Clift, R. T., DaSilva-Iddings, C., Jurich, D., Reyes, I. & Short, K. (2015). A Programmatic Focus on Engaging Families, Communities and Children: Institutionalizing Assets-Based Pedagogies. [International Teacher Education](#), 22, 161-181.

- 142 Huerta-Sanchez, O. M., Aguilar-Ponce, J. L., Meneses-Garcia, A., Herrera-Gomez, A., Herrera-Hernandez, R., Monroy-Cruz, M. T., Burgueno-Ferreira, J. A., Castaneda-Hernandez, G. & Lopez-Gamboa, M. (2015). Implementation of a Robust Pharmacovigilance Method for Filgrastim Non-Innovator Products in Cancer Patients in Routine Clinical Practice Complying With Mexican Regulations for Biocomparables. [Journal of Pharmacovigilance](#), 3(4), 1000174.
- 143 Fernandez-Afonso, Y., Garcia-Zaldivar, O. & Calderon-Pinar, F. (2015). Equivalent Circuit for the Characterization of the Resonance Mode in Piezoelectric Systems. [Journal of Advanced Dielectrics](#), 5(4), 1550032.
- 144 Garcia-Zaldivar, O., Diaz-Castanon, S., Espinoza-Beltran, F. J., Hernandez-Landaverde, M. A., Lopez, G., Faloh-Gandarilla, J. & Calderon-Pinar, F. (2015). Bifeo3 Codoping With Ba, La and Ti: Magnetic and Structural Studies. [Journal of Advanced Dielectrics](#), 5(4), 1550034.
- 145 Aguilera-Gonzalez, E. N., Valdes-Ramos, A., Tobon-Echeverri, G., Hernandez, S. C., Samaniego-Moreno, L., Alvarez-Garza, M. A. & Diaz-Jimenez, L. (2015). Analysis of the Production and Treatment of Wastewater in the Southeast of Coahuila, Mexico. [Journal of Agriculture and Environmental Sciences](#), 4(1), 155-162.
- 146 Tochmani, A. & Villarreal, R. H. (2015). Binomial Vanishing Ideals. [Journal of Algebra Combinatorics Discrete Structures and Applications](#), 2(2), 151-156.
- 147 Cabrera-Cedillo, F., Manzo-Sandoval, A., Medina-Flores, Y., Medina-Escutia, M. E., Mata-Ruiz, O., Cruz-Orea, A., Garduno-Medina, J. A., De La Rosa-Vazquez, J. M. & Ramon-Gallegos, E. (2015). Combination on Anti α -Gal-Pplx Conjugate and Photodynamic Therapy for the Diagnosis and Elimination of Hela and Caski Cells. [Journal of Analytical Oncology](#), 4(3), 106-112.
- 148 Morales-Saavedra, O. G., Gutierrez-Lazos, C. D., Ortega-Lopez, M. & Rodriguez-Rosales, A. A. (2015). Fabrication and Photophysical Studies of Cdte Quantum-Dots Dispersed in Sio2 Sonogel Optical-Glasses. [Journal of Applied Research and Technology](#), 13, 566-575.
- 149 Pedroza-De la Cruz, A., Reyes-Baron, J. R., Ortega-Cisneros, S., Raygoza-Panduro, J. J., Carrasco-Diaz, M. A. & Loo-Yau, J. R. (2015). Characterization and Synthesis of a 32-Bit Asynchronous Microprocessor in Synchronous Reconfigurable Devices. [Journal of Applied Research and Technology](#), 13(5), 483-497.
- 150 Peza-Solis, J. F., Silva-Navarro, G. & Castro-Linares, R. (2015). Trajectory Tracking Control in a Single Flexible-Link Robot Using Finite Differences and Sliding Modes. [Journal of Applied Research and Technology](#), 13(1), 70-78.
- 151 Sanchez-Robles, M. J., Mauricio-Benavides, J. A., Paredes-Ramirez, A. R., Gamero-Melo, P. & Cortes-Hernandez, D. A. (2015). Collection, Isolation and Proliferation of Bone Marrow Cells of Rat. [Journal of Biotechnology and Biomaterials](#), 5(2), 1000189.
- 152 Reynaga-Pena, C. G. (2015). A Microscopic World at the Touch: Learning Biology With Novel 2.5 D and 3d Tactile Models. [Journal of Blindness Innovation and Research](#), 5(1).

- 153 Gonzalez-Lopez, L. & Hernandez-Hernandez, F. C. (2015). The Quality Is First: Tagging Nascent Aberrant Proteins for Destruction. [Journal of Molecular Biology and Molecular Imaging](#), 2(2), 1018.
- 154 Benhaliliba, M., Tiburcio-Silver, A. & Avila-Garcia, A. (2015). Afm Calculated Parameters of Morphology Investigation of Spin Coated Mzo (M = Al, Sn, Cd, Co) Layers. [Journal of Nano- and Electronic Physics](#), 7(4), 04012.
- 155 Torres-Merino, S., Thompson-Bonilla, M. R., Leon-Chavez, B. A., Martinez-Fong, D. & Gonzalez-Barrios, J. A. (2015). Functional Polymorphism of the Interleukin-1beta Gene Promoter Is Associated With Increased Risk for Cerebral Palsy in Mexican Children With Perinatal Hypoxia-Ischemia Antecedents. [Journal of Neonatal Biology](#), 4(1), 1000167.
- 156 Torres-Merino, S., Moreno-Sandoval, H. N., Thompson-Bonilla, M. R., Gonzalez-Barrios, J. A., Leon-Chavez, B. A. & Martinez-Fong, D. (2015). Association of a Functional Inducible Nitric Oxide Synthase Promoter Variant with Susceptibility to Infantile Cerebral Palsy. [Journal of Neurological Disorders](#), (3), 4.
- 157 Lopez-Ramirez, M. P., Sanchez-Lopez, K. B., Sarria-Guzman, Y., Bello-Lopez, J. M., Cano-Garcia, V. L., Ruiz-Valdiviezo, V. M. & Dendooven, L. (2015). Haloalkalophilic Cellulose-Degrading Bacteria Isolated from an Alkaline Saline Soil. [Journal of Pure and Applied Microbiology](#), 9(4), 2879-2886.
- 158 Cejudo, R., Goguitchaichvili, A., Bautista, F. et al. (2015). Caracterizacion magnetica de polvo urbano y plantas de la zona metropolitana del Valle de Mexico. [Latinmag Letters](#), 5(5), LL15-0502Rs.
- 159 Aldana-Aranda, D. & Frenkiel, L. (2015). Les Usages Ancestraux Et Contemporaines Du Lambi. Les Cahiers Du Patrimoine De La Caraibe, 5(2), 13-14.
- 160 Reyes-Gasga, J., Koudriavtseva, O., Herrera-Becerra, R. & Escobosa, A. (2015). Xrd Characterization of Crystallinity of Human Tooth Enamel Under Influence of Mechanical Grinding. [Materials Science and Applications](#), 6, 464-472.
- 161 Ochoa, R., Flores, A., Torres, J. & Escobedo, J. (2015). Manufacture of Al-Zn-Mg Alloys Using Spent Alkaline Batteries and Cans. [Materials Today: Proceedings](#), 2(10), 4971-4977.
- 162 Torres-Torres, A., Flores-Valdes, A. & Almanza-Robles, J. M. (2015). Elaboration of Al Mn Alloys by Aluminothermic Reduction of Mn₂O₃. [Materials Today: Proceedings](#), 2(10), 4963-4970.
- 163 Batanero, C., Contreras, J. M., Diaz, C. & Sanchez, E. (2015). Prospective Teachers' Semiotic Conflicts in Computing Probabilities From a Two-Way Table. [Mathematics Education](#), 10(1), 3-16.
- 164 Caviedes-Solis, I. W., Vazquez-Vega, L. F., Solano-Zavaleta, I. et al. (2015). Everything Is Not Lost: Recent Records, Rediscoveries, and Range Extensions of Mexican Hylid Frogs. [Mesoamerican Herpetology](#), 2(3), 229-241.
- 165 Becerra, A. & Delaye, L. (2015). El ancestro universal, una reconstruccion inacabada. [Metode Sciences Studies Journal](#), (87), 49-53.

- 166 Gonzalez-Panzo, I. J., Martin-Vazquez, P. E. & Oliva, A. I. (2015). Temperature Variation in a Thermochemical Model of Solubility Species for Zns Thin Films Preparation by Chemical Bath Deposition. [Mexican Journal of Materials Science and Engineering](#), 2, 12-17.
- 167 Martinez-Antonio, A. (2015). Protein and mRNA levels support that a genetic regulatory circuit controls growth phases in E. coli populations. [Network Biology](#), 5(3), 82-94.
- 168 Mireles-Ordaz, J., Arellano-Perusquia, A., Espinal-Centeno, A., Sanchez-Segura, L., Estrada-Luna, A. A. & Cruz-Ramirez, A. (2015). Hormonal cell reprogramming of Anthurium andraeanum embryos for massive micropropagation. [Nova Scientia](#), 7(3), 49-67.
- 169 Lopez-Castro, G., Roig, P. & Toledo-Sanchez, G. (2015). Low's Soft Photon Corrections to Dipion Tau Decays and Their Impact on Alpha(Mu). [Nuclear and Particle Physics Proceedings](#), 260, 70-74.
- 170 Roig, P. (2015). Resonance Chiral Lagrangians and Alternative Approaches to Hadronic Tau Decays. [Nuclear and Particle Physics Proceedings](#), 260, 41-46.
- 171 Gomez-Camargo, D. E., Camacho-Mejorado, R., Gomez-Alegria, C., Alario, A., Henandez-Tobias, E. A., Mora-Garcia, G., Meraz-Rios, M. A. & Gomez, R. (2015). Genetic Structure of Cartagena de Indias Population Using Hypervariable Markers of Y Chromosome. [Open Jornal of Genetics](#), 5, 27-41.
- 172 Quigley, H., Hoogesteijn, R., Hoogesteijn, A., Foster, R., Payan, E., Corrales, D., Salom-Perez, R. & Urbina, Y. (2015). Observations and Preliminary Testing of Jaguar Depredation Reduction Techniques in and Between Core Jaguar Populations. [Parks](#), 21(1), 63-72.
- 173 Elyukhin, V. A. (2015). A New View on InxGa1-xNyAs1-y Alloys. [Physica Status Solidi C-Current Topics in Solid State Physics](#), 12(12), 1372-1375.
- 174 Arce, F., Leija, L., Vera, A. & Sosa, H. (2015). Proposal to Construct a 3d Image Viewer Based on a Commercial Ultrasonic 2d Imaging System. [Physics Procedia](#), 63, 73-78.
- 175 Baltazar, A., Rojas, E. & Mijarez, R. (2015). Structural Health Monitoring in Cylindrical Structures Using Helical Guided Wave Propagation. [Physics Procedia](#), 70, 686-689.
- 176 Martinez-Valdez, R., Contreras, V. H., Vera, A. & Leija, L. (2015). Sound Speed Measurement of Chicken Liver From 22oc to 60oc. [Physics Procedia](#), 70, 1260-1263.
- 177 Cerejido, M., Ponce, A., Larre, M. I., Castillo, A. & Hinojosa, L. (2015). Physiological Role of Hormone Ouabain. [Physiological Mini Reviews](#), 8(5), 46-62.
- 178 Rodriguez-Castellanos, W., Rodrigue, D., Martinez-Bustos, F., Jimenez-Arevalo, O. & Stevanovic, T. (2015). Production and Characterization of Gelatin-Starch Polymer Matrix Reinforced With Cellulose Fibers. [Polymers From Renewable Resources](#), 6(3), 105-118.
- 179 Velazquez, A. & Ferreiro, E. (2015). Acercamiento a los procesos de toma de conciencia morfologica en ninos hispanohablantes: el caso de Re-, Des-, -cion y -Mente. [Rassegna Di Psicologia](#), 32(2), 61-77.

180 Burciaga-Diaz, O., Escalante-Garcia, J. I. & Magallanes-Rivera, R. X. (2015). Compressive Strength and Microstructural Evolution of Metakaolin Geopolymers Exposed at High Temperature. [Revista Alconpat](#), 5(1), 58-73.

181 Martinez-Vasquez, J. D., Ortega-Zavala, D. E., Vargas-Gutierrez, G., Fuentes, A. F. & Escalante-Garcia, J. I. (2015). Potencial del metodo de sintesis de materiales ceramico-cementicios procesados por vias alternativas. [Revista Alconpat](#), 5(2), 115-124.

182 Palacios-Sanchez, S., Vega-Cendejas, M. E. & Hernandez-De Santillana, M. (2015). Ichthyological Survey on the Yucatan Coastal Corridor (Southern Gulf of Mexico). [Revista Biodiversidad Neotropical](#), 5(2), 145-155.

183 Garcia-Lopez, E., Perez-Vargas, J., Gomez-Guzman, O. & Calva-Calva, G. (2015). Production of the human growth hormone (hgh1) in hairy root cultures of Brassica oleracea var. italica. [Revista CENIC Ciencias Biologicas](#), 46(NE), 396-401.

184 Garcia-Reyes, B., Montes-Horcasitas, M. C., Ramos-Ramirez, E. G., Ariza-Castolo, A., Perez-Vargas, J., Gomez-Guzman, O. & Calva-Calva, G. (2015). Expression and purification of human proinsulin from transformed root cultures of Brassica oleracea (broccoli). [Revista CENIC Ciencias Biologicas](#), 46(NE), 434-439.

185 Jimenez-Antano, J. M., Montes-Horcasitas, M. C., Ramos-Ramirez, E. G., Esparza-Garcia, F. J., Ariza-Castolo, A., Perez-Vargas, J., Gomez-Guzman, O. & Calva-Calva, G. (2015). Expression of the L1 protein of the HPV in Escherichia coli and hairy roots of broccoli. [Revista CENIC Ciencias Biologicas](#), 46(NE), 402-409.

186 Morales-Navarro, S. I., Rivera-Casado, N. A., Salazar-Plata, M. S., Gomez-Guzman, O., Perez-Vargas, J. & Calva-Calva, G. (2015). Effect of oil hydrocarbons on the morphology and phenolic profile of seedlings of Cyperus laxus cultured in vitro. [Revista CENIC Ciencias Biologicas](#), 46(NE), 440-445.

187 Perez-Vargas, J., Viguera-Carmona, S. E., Gomez-Guzman, O. & Calva-Calva, G. (2015). Microbial degradation with BFNA of aromatic hydrocarbons by bioaugmentation in biopiles. [Revista CENIC Ciencias Biologicas](#), 46(NE), 416-423.

188 Perez-Vargas, J., Viguera-Carmona, S. E., Rivera-Casado, N. A. & Calva-Calva, G. (2015). Hydrocarbon biodegradation of sludge from automotive centers with BFNA. [Revista CENIC Ciencias Biologicas](#), 46(NE), 410-415.

189 Rivera-Casado, N. A., Montes-Horcasitas, M. C., Esparza-Garcia, F. J., Gomez-Guzman, O., Perez-Vargas, J. & Calva-Calva, G. (2015). Profile of fatty acids and flavonoids Cyperus laxus seedlings grown in vitro in the presence of phenanthrene. [Revista CENIC Ciencias Biologicas](#), 46(NE), 446-454.

190 Velazquez-Sanchez, H. I., Lopez-Perez, P. A. & Aguilar-Lopez, R. (2015). Determination of maximum productivity conditions for biofuel production by *Clostridium beijerinckii* in continuous culture using bifurcation analysis. [Revista Internacional De Investigacion e Innovacion Tecnologica](#), 12(12), 1-20.

191 Cruz-Martin del Campo, S. L. & Rivera-Garcia, M. T. (2015). Las nuevas drogas: origen, mecanismos de accion y efectos. Una revision de la literatura. [Revista Internacional De Investigacion En Adicciones](#), 1(1), 68-76.

192 Pineda-Gomez, D., Garrido, E., Chavez, P. & Salcedo, M. (2015). Detection of Micrnas Seed Sequences Within Human Papillomavirus Genomes. [Revista Medica Del Instituto Mexicano Del Seguro Social](#), 53(S2), 140-153.

193 Narvaez-Ortiz, W. A., Morales-Diaz, A. B., Benavides-Mendoza, A. & Reyes-Valdes, M. H. (2015). Dynamics of soil solution composition in crops from western Mexico. [Revista Mexicana De Ciencias Agrícolas](#), (12), 2383-2397.

194 Mercado-Maldonado, R. & Montano-Sanchez, L. (2015). Procesos de participacion entre profesoras de jardines de ninos y madres de familia en actividades de ensenanza. [Revista Mexicana De Investigacion Educativa](#), 20(65), 347-368.

195 Hernandez-Perez, A. & Elias-Vinas, D. (2015). Electronic System Design for Recording the Electrical Response Mimosa Plant Because of White Light Stimulus. [Revista Tecnica De Ingenieria Universidad Del Zulia](#), 38(1), 58-63.

196 Didou, S. (2015). Furniture transnationale de services d'enseignement superieur en Amerique Latine: une premiere approche de ce phenomene. [Revue Tiers Monde](#), 3(223), 111-126.

197 Titov, O. Y., Salazar-Laureles, J. L. & Gurevich, Y. G. (2015). Hot Phonons and Electrons in Semiconductors. [Superficies y Vacio](#), 28(2), 33-39.

198 Zapata-Torres, M., Fernandez-Munoz, J. L., Hernandez-Rodriguez, E., Mis-Fernandez, R., Rejon, V., Pena, J. L., Valaguez-Velazquez, E. & Marquez-Herrera, A. (2015). Study on the Ito/ZnO interface and its effect on CdS/CdTe solar cell performance. [Superficies y Vacio](#), 28(2), 61-65.

199 Hernandez-Aguilar, C., Dominguez-Pacheco, A., Cruz-Orea, A., Gonzalez-Dominguez, J. L., Rojas-Lima, E. & Lopez-Bonilla, J. (2015). Curcuma, Anticancer Food: Photoacoustic Spectroscopy. [The Scitech Journal of Science & Technology](#), 4(1), 40-45.

200 Remedi, E. (2015). Instituir quehaceres. La universidad y las profesiones: procesos que se entrecruzan. [Universidades](#), (63), 5-9.

201 Casas-Grajales, S. & Muriel, P. (2015). Antioxidants in Liver Health. [World Journal Gastrointestinal Pharmacology and Therapeutics](#), 6(3), 59-72.

202 Reyes, I. P., Baker, M., Acevedo, T., Mcpheeters, P., Gomez, A., Gray, M. & Habib, M. (2015). The Tucson Hopes and Dreams Project: Teachers and Families Share Their Visions for Young Children. [Young Children](#), 70(2), 66-71.

203 Alonso-Lemus, I. L., Lardizabal, D., De La Torre-Saenz, L., Sanchez-Castro, M. E. & Rodriguez-Varela, F. J. (2015). Development of Free-Metal Electrocatalyst From Inexpensive Sources of Carbon: a Novel Electrode Material for Cathode Reaction in Pem Fuel Cells. [ECS Transactions](#) , 69, 637-642.

204 Castro-Munozledo, F. (2015). The Mammalian Limbal Stem Cell Niche: a Complex Interaction Between Cells, Growth Factors and Extracellular Matrix. [Stem Cell Biology and Regenerative Medicine](#), pp. 23-56.

205 Cruz-Gandarilla, F., Salcedo-Garrido, A. M., Avalos, M., Bolmaro, R., Baudin, T., Cabanas-Moreno, J. G. & Dorantes-Rosales, H. J. (2015). Ebsd Characterization of an if Steel Processed by Accumulative Roll Bonding. *Iop Conference Series-Materials Science and Engineering* , 82, 012077.

206 Davila-Velderrain, J., Martinez-Garcia, J. C. & Alvarez-Buylla, E. R. (2015). Descriptive Vs. Mechanistic Network Models in Plant Development in the Post-Genomic Era. [Methods in Molecular Biology](#), 1284, 455-479.

207 Enriquez-Zarate, J., Silva-Navarro, G. & Cabrera-Amado, A. (2015). Semiactive Vibration Control in a Three-Story Building-Like Structure Using a Magnetorheological Damper. [Conference Proceedings of the Society for Experimental Mechanics Series](#), 8922, 475-483.

208 Gonzalez, L. A., Ramirez, S. E. & Pech-Canul, M. I. (2015). ZnO:Al Thin Films by Successive Chemical Solution Deposition for Transistors Applications. [MRS Proceedings](#), 1731, mrsf14-1731o09-03.

209 Gonzalez-Figueroa, C., Sanchez, A., Diaz, G., Rodriguez, F., Flores, R., Ceballos, M. A., Puente, R. & Ruiz, H. A. (2015). Dynamic Modelling and Experimental Validation of a Pilot-Scale Tubular Continuous Reactor for the Autohydrolysis of Lignocellulosic Materials. [Computer Aided Chemical Engineering](#), 37, 431-436.

210 Joseph-Nathan, P. & Gordillo-Roman, B. (2015). Vibrational Circular Dichroism Absolute Configuration Determination of Natural Products. [Progress in the Chemistry of Organic Natural Products](#), 100, 311-452.

211 Quintos, A. B. M., Viveros, A. M. & Rubio, E. H. (2015). Implications of Hci in Energy Consumption Between Native and Rich-Client Applications for Navigations Widgets in Tablets. *Communications in Computer and Information Science* , 529, 32-38.

212 Rodriguez-Vazquez, R. & Acosta-Ramirez, D. S. (2015). Regeneration of Ddt Contaminated Soils by Co-Composting. [Acta Horticulturae](#), 1076, 217-224.

213 Santos-Trigo, M., Reyes-Martinez, I. & Aguilar-Magallon, D. (2015). The Use of Digital Technology in Extending Mathematical Problem Solving Reasoning. [Communications in Computer and Information Science](#), 533, 298-309.

214 Wiederhold, P. & Reyes, H. (2015). Relative Convex Hull Determination from Convex Hulls in the Plane. [Lecture Notes in Computer Science](#), 9448, 46-60.

[ARTÍCULOS C] – ARTÍCULOS EN REVISTAS DE DIVULGACIÓN CIENTÍFICA Y/O TECNOLÓGICA

215 Lopez-Tellez, N. A., Rodriguez-Canul, R., Corbala-Bermejo, J. A., Dorantes-Lopez, L., Gonzalez, G. & Unzueta-Bustamante, M. L. (2015). Presence of IHHNV in white shrimp (*Penaeus vannamei* Boone) productive units in the Gulf of Mexico. [ApAgroo Productividad](#), (3), 10-.

216 Barba-Navarrete, A. (2015). Periodismo científico: acercando del investigador de la sociedad. [Avance y Perspectiva](#), 1(1), 38-40.

217 Cepeda-Zetter, B. (2015). Patentar o no? [Avance y Perspectiva](#), 1(1), 17-19.

218 Garcia-Compean, H. (2015). Tras 100 años la teoría de la relatividad general sigue vigente. [Avance y Perspectiva](#), 1(2), 18-21.

219 Garrido-Guerrero, J. E. (2015). Reparación del ADN, los secretos que guarda la genética. [Avance y Perspectiva](#), 1(2), 34-35.

220 Gutierrez-Escolano, A. L. & Miranda-Barboto, L. (2015). Red mexicana de virología: un frente contra los virus. [Avance y Perspectiva](#), 1(2), 10-11.

221 Hernandez-Hernandez, F. C. & Candil-Ruiz, A. (2015). Artemisinina e Ivermectina: de los jardines a los antiparasitarios. [Avance y Perspectiva](#), 1(2), 30-31.

222 Hernandez-Mondragon, A. C. (2015). Ciencia sin política: el ocioso camino de hacer. [Avance y Perspectiva](#), 1(1), 20-23.

223 Hernandez-Montoya, A. R. (2015). La tecnología actual tuvo origen en la ciencia básica. [Avance y Perspectiva](#), 1(2), 47-49.

224 Lopez-Rivas, M. (2015). El financiamiento público a la industria en México. [Avance y Perspectiva](#), 1(2), 37-40.

225 Luna-Munoz, J. & Ceron-Plata, R. (2015). Compartir el conocimiento: una misión pendiente. [Avance y Perspectiva](#), 1(1), 46-48.

226 Martinez-Palomo, A. (2015). A 25 años de su creación: Departamento de Infectología y Patogénesis Molecular. [Avance y Perspectiva](#), 1(2), 52-54.

227 Matos-Chassin, T. (2015). El problema epistemológico que cambió a la ciencia moderna. [Avance y Perspectiva](#), 1(2), 15-17.

228 Mielnik, B. (2015). Ficción científica y relatividad general. [Avance y Perspectiva](#), 1(2), 28-29.

229 Miranda-Romagnoli, O. G. (2015). Neutrinos: su influencia en la física moderna. [Avance y Perspectiva](#), 1(2), 33-34.

- 230 Perez-Angon, M. A. (2015). Relato de una sobreviviente en el ambito editorial. [Avance y Perspectiva](#), (1), 28-29.
- 231 Quintanilla, S. (2015). Mi primer paso por Avance y Perspectiva. [Avance y Perspectiva](#), 1(1), 24-27.
- 232 Rosenblueth, A. (2015). Los aspectos esteticos de la ciencia. [Avance y Perspectiva](#), 1(1), 31-35.
- 233 Zurita-Gomez, A., Hernandez-Gomez, E. & Rangel-Hernandez, S. (2015). El uso de fuentes de informacion en tesis de maestria y doctorado, un estudio hecho en 5 departamentos del Cinvestav. [Bibliotecas y Archivos](#), 1(4), 62-69.
- 234 Alvarez, I. M., Moran, R., Gonzalez, L. J. et al. (2015). Identification of Putative Receptor Proteins in *Cylas Formicarius* Ssp. *Elegantulus* Midgut Bbmvs for Cry3aa Toxin of *Bacillus Thugiensis* Ssp. *Tenebrionis*. [Biotecnologia Aplicada](#), 32, 2231-2238.
- 235 Aldana-Aranda, D. (2015). Yucatan: crecimiento, desarrollo y salud ambiental. [Boletin De Divulgacion Cientifica, K'Ah Oolal](#), (4), 16-21.
- 236 Fernandez-Guasti, A. & Reyes-Serrano, R. (2015). Depresion sexo y cerebro. [Boletin De Divulgacion Cientifica, K'Ah Oolal](#), (4), 22-28.
- 237 Patino, R. (2015). Ano internacional de la luz y las tecnologias basadas en la luz. [C2 Ciencia y Cultura](#), (2 de marzo de 2015).
- 238 Patino, R. (2015). De donde salen las radiaciones electromagneticas y en donde acaban? [C2 Ciencia y Cultura](#), (6).
- 239 Patino, R. (2015). La fotosintesis invita! [C2 Ciencia y Cultura](#), (8 de mayo de 2015).
- 240 Quintanilla, S. (2015). Vuelta a 1915. Parte 1. [C2 Ciencia y Cultura](#), (7).
- 241 Quintanilla, S. (2015). Vuelta a 1915. Parte 2. [C2 Ciencia y Cultura](#), (7).
- 242 Santos-Trigo, L. M. (2015). La cognicion humana y competencia digital. [C2 Ciencia y Cultura](#), (5), 1-3.
- 243 Santos-Trigo, L. M. (2015). Sobre el habito de preguntar. [C2 Ciencia y Cultura](#), (6), 1-5.
- 244 Cedillo-Barron, L., Lopez-Gonzalez, M. & Gutierrez-Castaneda, B. (2015). Que es y como funciona el sistema inmune? [Ciencia](#), 66(2), 18.
- 245 Fernandez-Guasti, A., Olvera-Hernandez, S. & Garcia-Cardenas, N. (2015). Diferenciacion sexual del cerebro. [Ciencia](#), 66(4), 16-23.
- 246 Gonzalez-Flores, O., Garcia-Juarez, M. & Dominguez-Ordonez, R. (2015). Las hormonas y la conducta sexual femenina. [Ciencia](#), 66(4), 24-29.

- 247 Gonzalez-Mariscal, G. (2015). Se reproducen como conejos! [Ciencia](#), 66(4), 38-45.
- 248 Juaristi E. & Jimenez, C. (2015). Colaboracion entre la Academia Mexicana de Ciencias y la Fundacion Mexico-Estados Unidos para la Ciencia. Xx Aniversario. [Ciencia](#), 66(4), 81-84.
- 249 Ortiz-Navarrete, V. F. (2015). Vivir para contarlo. La memoria del sistema inmune. [Ciencia](#), 66(2), 37-41.
- 250 Rodriguez-Manzo, G. (2015). Sexo y cerebro. [Ciencia](#), 66(4), 10-15.
- 251 Fernandez-Luqueno, F., Valerio-Rodriguez, M. F. & Lopez-Valdez, F. (2015). Es posible limpiar sitios contaminados con arsenico? [Ciencia y Desarrollo](#), 41(278), 52-57.
- 252 Nava-Alonso, F. (2015). Arsenico en agua potable? [Ciencia y Desarrollo](#), 41(278), 34-38.
- 253 Herrera-Estrella L. (2015). Importancia y utilidad de la genomica de cultivos estrategicos para Mexico. [Claridades Agropecuarias. El Maiz En La Cultura Universal](#), (265), 17-21.
- 254 Fernandez-Guasti, A. (2015). El enamoramiento y el cerebro. [Conversus](#), (113), 10-11.
- 255 Martinez-Cruz, M. E., Okolodkov, Y. B., Aguilar-Trujillo, A. C. & Herrera-Silveira, J. A. (2015). Epiphytic dinoflagellates on the seagrass *Thalassia testudinum* at Dzilam, southeastern Gulf of Mexico. [Cymbella](#), 1(3), 2-9.
- 256 Maldonado-Maldonado, A. (2015). Ridiculo decir que Bonos de Infraestructura no son deuda. [Educacion Futura](#).
- 257 Rockwell, E. (2015). Contradicciones de la evaluacion del desempeno docente: lo que muestra la investigacion cuantitativa. [Educacion, Formacion e Investigacion](#), 1(1), 160-172.
- 258 Cuevas-Vallejo, C. A. & Pluinage, F. (2015). Una propuesta de ingenieria didactica para la ensenanza de las matematicas. [El Calculo y Su Ensenanza](#), 6, 167-195.
- 259 Jimenez-Sandoval, P. & Briebe, L. (2015). Ingenieria de proteinas como herramienta para el diseno de biosensores. [Frontera Biotecnologica](#), (2), 21-25.
- 260 Rivera-Macias, L. E., Morales-Vargas, A. T., Adame-Alvarez, R. M., Martin, H. & Quintana-Rodriguez, E. (2015). Compuestos organicos volatiles emitidos por *Phaseolus vulgaris* contribuyen en la defensa hacia antracnosis. [Jovenes En La Ciencia](#), 1(3), 1-5.
- 261 Buenfil, R. N. (2015). La Reforma Educativa y el articulo tercero constitucional. Limes. Organo De Difusion Academiica De La Universidad Pedagogica Nacional, 7-14.
- 262 Civera-Cerecedo, A. (2015). Normales rurales. Historia minima del olvido. [Nexos](#), 447(38), 16-19.

263 Maldonado-Maldonado, A. (2015). Hipotecando la infraestructura educativa: hacia un nuevo modelo de financiamiento. [Nexos](#), 453, 98-100.

264 Gonzalez-Cantellano, M. A. & Montano-Zetina, L. M. (2015). Desarrollo de un medidor portatil para la deteccion de metales pesados disueltos en medios acuosos utilizando principios de fluorescencia. [Pistas Educativas](#), (112), 873-894.

265 Guerra-Ramos, M. T. (2015). Teachers' views of scientific procedures:a characterization in pedagogically relevant settings. [Realidades](#), 5(2), 49-65.

266 Plascencia-Jauregui, F., Raygoza-Panduro, J. J., Ortega, S. & Becerra, E. (2015). Implementacion de un circuito Custom Dsp En Fpgas para Calculo del determinante 3x3, y matriz inversa de matrices ortogonales 3x3. [Recibe](#), 4(2), 1-23.

267 Briseno-Miranda, C. & Guzman-Hernandez, J. (2015). Factores que influyen en la visualizacion y exteriorizacion de conceptos asociados con representaciones geometricas de triangulos. [Revista Amiutem](#), 2(1), 44-54.

268 Guzman-Hernandez, J. & Zambrano-Ayala, J. (2015). Dificultades inherentes en el aprendizaje de los conceptos de dependencia e independencia lineal de vectores en R2 y R3 usando software dinamico. [Revista Amiutem](#), 2(2), 20-30.

269 Gonzalez-Lopez, L. A. & Alvarez-Coronado, E. G. (2015). Sintesis y caracterizacion de peliculas delgadas De Zns dopadas con Cu y Mn por el metodo de deposito por bano quimico. [Revista Cibiyt](#), 10(27), 135-137.

270 Matsumoto, Y., Urbano, J. A., Gomez, O. I., Asomoza, R. & Pena, R. (2015). Rendimiento de un sistema fotovoltaico de 60 kWp al norte de la Ciudad de Mexico. [Revista Fide](#), (5), 10-15.

271 Rockwell, E. & Maruri, M. E. (2015). Semblanza de Miguel E. Schulz (1851-1922): eminente profesor y educador. [Revista Mexicana De Historia De La Educacion](#), 3(6), 257-268.

272 Dussel, I. (2015). Deudas y desafios de una nueva agenda en educacion. [Revista Nueva Sociedad](#), (257), 65-76.

273 Cantoral, R., Montiel-Espinosa, G. & Reyes-Gasperini, D. (2015). Hacia una educacion que promueva el desarrollo del pensamiento matematico. [Revista Pedagogica Escri-Viendo](#), 11(24), 17-26.

274 Lopez Arce-Delgado, J. E., Raygoza, J. J., Ortega-Cisneros, S., Rivera, J. & Moreno-Villalobos, P. (2015). Arquitectura genetica de una red en chip de enrutamiento unidireccional en Fpga. [Revista Pistas Educativas](#), (112), 1936-1950.

275 Maldonado-Orozco, N., Reyes-Baron, J. R., Raygoza, J. J., Ortega-Cisneros, S. & Del Valle, J. L. (2015). Estructuras disenadas a medida para adquisicion de datos de un sensor de vision dinamica usando el protocolo Aer en un Fpga. [Revista Pistas Educativas](#), (112), 1882-.

- 276 Muñoz, L. F., Raygoza, J. J., Baron, J. R. R. & Ortega-Cisneros, S. (2015). Implementación de una estructura neuronal celular en hardware reconfigurable. [Revista Pistas Educativas](#), (112), 1423-1442.
- 277 Plascencia-Jauregui, F. J., Raygoza, J. J., Becerra, E. C. & Ortega-Cisneros, G. (2015). Implementación y optimización del uso de Dps en Fpga en diseño de circuitos a medida para calcular determinantes de orden 4. [Revista Pistas Educativas](#), (112), 1900-1921.
- 278 Sandoval-Lopez, J. I., Raygoza-Panduro, J. J., Ortega-Cisneros, S. & Rivera-Dominguez, J. (2015). Implementación de un multiplicador de punto flotante de doble precisión basado en el estándar IEEE 754-2008. [Revista Pistas Educativas](#), (112), 1986-2007.
- 279 Hoogesteijn, E. O., Boede, A., Hoogesteyn, W. & Jedrzejewski, M. R. Secretos Del Reino Animal: El Puma En Venezuela. *Revista Rio Verde*, 17, 91-98.
- 280 Irving Ulises Martínez Vargas Fidel De La Cruz Hernández Hernández, Febe Elena Cázares Raga, Abel Trujillo Ocampo. (2015). Expresión De Merlina Y Moesina En Células C6/36 Ht De *Aedes Albopictus*. 3er. Encuentro Estatal De Jóvenes Investigadores-Conacyt, 10º. Coloquio Estatal De Jóvenes Talento En La Investigación. Acapulco, Guerrero 24 Y 25 De Septiembre 2015. Memorias. *Revista Tlamati*, 6(NE2).
- 281 Montano-Zetina, L. M. (2015). Además del Higgs: Alice! [Saber Mas](#), (22), 10-16.
- 282 Franco-Robles, E. & Lopez, M. G. (2015). Nuevo potencial de los fructanos de agave en el cerebro. [Tecno Agave](#), (37), 8-11.
- 283 Huazano-García, A. & Lopez, M. G. (2015). Como es que las agavinas generan efectos beneficiosos en la salud? [Tecno Agave](#), 2015, 32-33.
- 284 Huazano-García, A. & Lopez, M. G. (2015). Las agavinas una gran esperanza para abatir el sobrepeso en México. [Tecno Agave](#), (38), 44-45.
- 285 Vázquez-Sosa, A., Frausto-Martínez, O. & Fraga-Verdugo, J. (2015). Pueblos de apoyo en contextos turísticos: Akumal, enclave turístico de la Riviera Maya de Quintana Roo. [Temas Antropológicos](#), 37(2), 121-129.
- 286 Martínez-Martínez, R., Zaleta-Alejandre, E., Juárez-López, G., Velázquez-Cruz, E. I., Servulo-Carballo, E. A., Gochi-Ponce, Y. & Falcony-Guajardo, C. (2015). Síntesis y caracterización de películas $ZrO_2:Sm^{3+}$ preparadas por la técnica de rocío pirolítico ultrasonico. [Temas De Ciencia y Tecnología](#), 19(5), 3-8.
- 287 Lupercio, E. (2015). Matemáticas y sociedad. [Universo.Math](#), 2(2), 1-16.
- 288 Lupercio, E. (2015). Samuel Gitler y su obra matemática. [Universo.Math](#), 2(1), 1-9.
- 289 Lupercio, E. (2015). Variedades diferenciables: un enfoque dedicado a O. A. Biberstein, de Guillermo Morales Luna. [Universo.Math](#), 2(2), 7.

290 Mostovoy, J. (2015). A que santo rezar si no sale un problema? [Universo.Math](#), 2(1), 6.

291 Mostovoy, J. (2015). Los ritmos irracionales de Conlon Nancarrow. [Universo.Math](#), 2(2), 3.

[ARTÍCULOS E] – CARTAS AL EDITOR O COMENTARIOS PUBLICADOS EN REVISTAS INTERNACIONALES

292 Herrera-Corral, G. (2015). Editorial. [Avance y Perspectiva](#), 1(1), 4.

293 Herrera-Corral, G. (2015). Editorial. [Avance y Perspectiva](#), 1(2), 3.

294 Mustre-De Leon, J. (2015). Mensaje del Director. [Avance y Perspectiva](#), 1(1), 3.

295 Perez-Angon, M. A. (2015). Una radiografía al trabajo de los investigadores: resena del libro "El Oficio Científico". [Avance y Perspectiva](#), 1(1), 54-55.

296 Santos-Trigo, L. M. (2015). Un horizonte de retos y oportunidades para AyP. [Avance y Perspectiva](#), 1(2), 43-45.

297 Aab, A., Abreu, P., Aglietta, M. et al. (2015). Erratum: Muons in Air Showers at the Pierre Auger Observatory: Measurement of Atmospheric Production Depth [Phys. Rev. D 90, 012012 (2014)]. [Physical Review D](#), 92, 019903.

298 Camacho-Carranza, R. & Calderon-Salinas, J. V. (2015). Competencia o deslealtad? [Revista De Educacion Bioquimica](#), 34(3), 65.

299 Romero-Garcia, T. & Rueda, A. (2015). Determinacion de la actividad de ATPasa de la Bomba Serca en homogenados de tejido muscular. [Revista De Educacion Bioquimica](#), 34(1), 36-42.

300 Romero-Garcia, T. & Rueda, A. (2015). Respuesta al problema bioquimico. [Revista De Educacion Bioquimica](#), 34(1), 32-33.

301 Civera, A. (2015). Editorial. [Revista Mexicana De Historia De La Educacion](#), 3(5), I-III.

302 Civera, A. (2015). Editorial. [Revista Mexicana De Historia De La Educacion](#), 3(6), I-IV.

303 Paredes-Lopez, O. (2015). A new strategy for food production. [Twas Newsletters](#), 27(1), 11.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

304 Cardenas-Aguayo, M. C., Gomez-Virgilio, L., Lopez-Toledo, G., Luna-Munoz, J. & Meraz-Rios, M. A. (2015). Growth factor removal and acidic changes affect the major proteolytic systems in human neural precursor cells (NPCs) and promote tau expression and oligomerization. [Alzheimer's & Dementia](#), 11(7S), P639.

- 305 Gomez-Virgilio, L., Cardenas-Aguayo, M. C., Lopez-Toledo, G., Luna-Munoz, J. & Meraz-Rios, M. A. (2015). Growth factor removal and acidic treatment induce neuronal differentiation in human neural precursor cells (hNPCs). [Alzheimer's & Dementia](#), 11(7S), P634.
- 306 Gonzalez-Elizalde, K., Cardenas-Aguayo, M. C., De la Cruz-Lopez, F., Viramontes-Pintos, A., Harrington, C., Wischik, C. & Luna-Munoz, J. (2015). Tau splicing factor expression pattern in Alzheimer's disease brain. [Alzheimer's & Dementia](#), 11(7S), P499.
- 307 Lopez-Toledo, G., Cardenas-Aguayo, M. C., Gomez-Virgilio, L., Luna-Munoz, J. & Meraz-Rios, M. A. (2015). Evaluation of the effect of amyloid beta oligomers on neurotrophins and GSK-3/creb signal transduction pathways. [Alzheimer's & Dementia](#), 11(7S), P364.
- 308 Luna-Herrera, C., Vazquez-Aguilar, A., Cardenas-Aguayo, M. C., De la Cruz-Lopez, F., Viramontes-Pintos, A., Ontiveros-Torres, M., Harrington, C., Wischik, C. & Luna-Munoz, J. (2015). Analysis of tau protein and amyloid-b expression in the olfactory bulb of the triple transgenic mouse model of Alzheimer's disease. [Alzheimer's & Dementia](#), 11(7S), P636.
- 309 Minjarez, B. D., Valero, M. L., Calderon-Gonzalez, K. G., Herrera-Aguirre, M. E., Labra-Barrios, M. L., Sanchez del Pino, M. M., Rincon-Limas, D. E. & Luna-Arias, J. P. (2015). Identification of potential modifiers of Alzheimer's disease pathology by quantitative mass spectrometry and drosophila genetics. [Alzheimer's & Dementia](#), 11(7S), P512-P513.
- 310 Soto, L. O., Harrington, C., Wischik, C., Cardenas-Aguayo, M. C., De la Cruz-Lopez, F., Viramontes, A., Gevorkian, G. & Luna-Munoz, J. (2015). Soluble amyloid-beta promotes inflammation: Caspase-5 characterizes the brains with Alzheimer's disease. [Alzheimer's & Dementia](#), 11(7S), P775-P776.
- 311 Tristan-Agundis, M. F., Totxo-Guerrero, S., Sanchez-Martinez, R. et al. (2015). Neurodevelopmental alterations in a 40-year old woman with Alzheimer's disease: case report. [Alzheimer's & Dementia](#), 11(7S), P498.
- 312 Falcon-Rodriguez, C. I., Reyes-Nava, B., Jimenez-Alvarez, L. et al. (2015). Fine Particles of Mexico City Can Produce an Adjuvant Effect in a Guinea-Pig Model for Allergic Asthma. *American Journal of Respiratory and Critical Care Medicine*, 191, A3224.
- 313 Pedroza, D., Luna-Herrera, J., Lopez-Garcia, S. & Sevilla-Gonzalez, M. D. L. L. (2015). Lipodystrophy in Men Living With Coinfection of Human Immunodeficiency Virus (Hiv)-Tuberculosis a Case Control Study. *American Journal of Respiratory and Critical Care Medicine*, 191, A4729.
- 314 Alvarado, M. I. C., Ortega, F. J., Chavez, E. R., Molina, J., Fernandez-Real, J. M. & Luque, E. L. P. (2015). Desaturase Activity in to Response to Enriched Diet With Polyunsaturated Fatty Acids in Obese Subjects. [Annals of Nutrition and Metabolism](#), 67, 412.
- 315 Salman, Z., Balandran-Juarez, J. C., Pelayo, R. & Guzman, M. L. (2015). A Novel Three-Dimensional Co-Culture System to Study Leukemia in the Bone Marrow Microenvironment. [Blood](#), 126(23).

- 316 Ramirez, A., Vera, E., Lambert, P., Gariglio, P. & Camacho, J. (2015). Expression of Ion Channels in a Cervical Cancer Mouse Model. [Cancer Research](#), 75, 4187.
- 317 Ruiz-Velasco, A., Rios, A. & Escalante, B. (2015). Expression of the Transcription Factors Ppar Alpha and Gamma, and Their Target Genes in the Heart of Obese Mice. [Circulation Research](#), 117, A84.
- 318 Marrero-Rodriguez, D., Taniguchi-Ponciano, K., Mendoza-Rodriguez, M. et al. (2015). Kruppel-Like Factor 10 Could Regulate Immune Response Genes in Cervical Cancer. [International Journal of Gynecological Cancer](#), 25(9), 872.
- 319 Marrero-Rodriguez, D., Taniguchi-Ponciano, K., Mendoza-Rodriguez, M. et al. (2015). Kruppel-Like Factor 5 up-Regulation and Klf Family Profile Expression in Cervical Cancer. [International Journal of Gynecological Cancer](#), 25(9), 871.
- 320 Perez-Martinez, C., Zlotnik, A. & Santos-Argumedo, L. (2015). Tspan33 Is Differentially Expressed During B Cell Differentiation. [Journal of Immunology](#), 194.
- 321 Vazquez-Monroy, F., Garcia-Barrientos, A., Bernal, J. L., Plaza-Castillo, J., Romero-Trejo, H. & Ramirez-Bon, R. (2015). The Influence of pH Buffer as Agent Reaction Moderator in the Growth of CdS/ZnS Films by CBD Technique for Solar Cell Applications. [Microscopy and Microanalysis](#), 21(S3), 295-296.
- 322 Alvarez-Puentes, G. A., Quintanilla-Vega, B., Solis-Heredia, M. J., Medina-Diaz, I. M., Bernal-Hernandez, Y. Y., Barron-Vivanco, B. S. & Rojas-Garcia, A. E. (2015). Evaluacion del polimorfismo genetico CYP2D6*4 y su asociacion con biomarcadores de dano reproductivo y neurotoxicidad en fumigadores expuestos a plaguicidas. [Revista De Bio-Ciencias](#), 3(4S), 77.
- 323 Galot-Linaldi J., Ortega-Olvera, J. M., Escobar-Wilches, D. C., Verdin-Betancourt, F. A., Cruz-Hurtado, M., Vargas-Corona, G., Muriel, P., Lopez-Gonzalez, M. L. & Sierra-Santoyo, A. (2015). Efecto de la exposicion aguda a vinclozolina sobre la funcion hepatica y la integridad de la barrera hemato-testicular en la rata macho adulta. [Revista De Bio-Ciencias](#), 3(4S), 79.
- 324 Millan-Mejia, L. E. & Hernandez-Ochoa, I. (2015). Evaluacion del efecto del temefos sobre la capacidad endocrina del foliculo antral ovarico. [Revista De Bio-Ciencias](#), 3(4S), 76.
- 325 Sierra-Santoyo, A., Lopez-Gonzalez, M. L., Escobar-Wilches, D. C. & Cruz-Hurtado, M. (2015). Un nuevo marcador potencial de exposicion al fungicida antiandrogenico vinclozolina. [Revista De Bio-Ciencias](#), 3(4S), 81.
- 326 Del Rio-Chavez, A. A., Hernandez-Hernandez, J. D., Roman-Marin, L. U., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2015). Epoxidacion de diterpenos biciclicos derivados del fomactatrieno y del verticilatrieno. [Revista Latinoamericana De Quimica](#), 43(SE), 53.
- 327 Hernandez-Hernandez, J. D., Araiza-Cabrera, Y. Y., Escobar-Flores, K. D., Tapia-Quintero, I., Roman-Marin, L. U., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2015). Acido morolico y 3-Epilupeol dos triterpenos aislados de tallos de *Busera altijuga*, *B. simplex*, *B. coyucensis*, *B. esparzae* y *B. arida*. [Revista Latinoamericana De Quimica](#), 43(SE), 160.

- 328 Hernandez-Hernandez, J. D., Rojas-Pelayo, M. M., Sanchez-Prieto, D. B., Ruiz-Ferrer, C., Roman-Marin, L. U., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2015). Obtencion selectiva del 7,8-acetonido derivado de la 2,2'-diclorolongipinan-7Beta-8alfa,9alfa-triol-1-ona a partir de longipinantriolona. [Revista Latinoamericana De Quimica](#), 43(SE), 55.
- 329 Hernandez-Hernandez, J. D., Rojas-Regalado, B. J., Sanchez-Prieto, D. B., Ruiz-Ferrer, C., Tapia-Quintero, I., Roman-Marin, L. U., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2015). Preparacion de 2,2',9Beta-tricloro-longipinan-7Beta-8alfa-diol-1-ona derivado triclorado epimerico en C-9 a partir de rasteviona. [Revista Latinoamericana De Quimica](#), 43(SE), 148.
- 330 Martinez-Vilchis, C. P., Campos-Martinez, R., Monroy-Arreola, A., Arguello-Garcia, R., Enriquez-Rincon, F. & Figueroa-Arredondo, P. (2015). Apoptosis inducida por dialil sulfuro (DAS) molecula derivada del genero Allium en celulas HeLa. [Revista Latinoamericana De Quimica](#), 43(SE), 64, 100.
- 331 Martinez-Vilchis, C. P., Saenz-Rocha, K. S., Escartin-Gutierrez, J. R., Silva-Torres, R., Enriquez-Rincon, F., Campos-Rodriguez, R. & Figueroa-Arredondo, P. (2015). Efecto citotoxico de Prunus serotina Ehrh en celulas de cancer cervicouterino (HeLa). [Revista Latinoamericana De Quimica](#), 43(SE), 141.
- 332 Pardo-Novoa, J. C., Gomez-Hurtado, M. A., Rodriguez-Garcia, G., Cerda-Garcia-Rojas, C. M., Joseph-Nathan, P. & Del Rio, R. E. (2015). Un nuevo derivado glucosilado del p-menteno de Ageratina glabrata. [Revista Latinoamericana De Quimica](#), 43(SE), 153.
- 333 Perez-Gomez, C. O., Vasquez-Chavez, J., Garcia-Merinos, J. P., Ochoa, M. E., Del Rio, R. E., Lopez, Y. & Santillan, R. (2015). Sintesis y caracterizacion de una oxaziridina espirostanica. [Revista Latinoamericana De Quimica](#), 43(SE), 150.
- 334 Rios-Chavez, P., Morales-Moreno, J., Ramirez-Chavez, E. & Molina-Torres, J. (2015). Efecto del extracto de Plumbago auriculata sobre el crecimiento de Botrytis cinerea. [Revista Latinoamericana De Quimica](#), 43(SE), 74.
- 335 Rodriguez-Luna, A., Hernandez-Hernandez, J. D., Roman-Marin, L. U., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2015). Selectividad del HClO₄ frente al diterpeno (+)-Ent-kaur-16-en-3-Ol aislado de Bursera aptera Ramirez y su derivado acetilado. [Revista Latinoamericana De Quimica](#), 43(SE), 147.
- 336 Ruiz-Ferrer, C., Roman-Marin, L. U., Hernandez-Hernandez, J. D., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2015). Reactividad de hemiacetal acetales frente a condiciones de acetalizacion y esterificacion. [Revista Latinoamericana De Quimica](#), 43(SE), 149.
- 337 Talavera-Aleman, A., Gomez-Hurtado, M. A., Thomassigny, C., Cerda-Garcia-Rojas, C. M., Joseph-Nathan, P. & Del Rio, R. E. (2015). Preparacion de nuevos derivados a partir del 6Beta-acetoxivouacapano. [Revista Latinoamericana De Quimica](#), 43(SE), 147.

338 Canseco-Alba, A., Coffeen, U., Jaimes, O., Pellicer, F. & Rodriguez-Manzo, G. (2015). Papel del sistema mesolímbico dopaminérgico en la reversión de la saciedad sexual inducida por anandamida. [Salud Mental](#), 38(S1), S72.

339 Garduno-Gutierrez, R., Rodriguez-Manzo, G., Miller-Perez, C. & Leon-Olea, M. (2015). Efecto de los éteres difenilo polibromados sobre la conducta sexual masculina en ratas. [Salud Mental](#), 38(S1), S69.

340 Martinez-Levy, G. A., Rocha, L., Alonso-Vanegas, M. A., Nani, A., Buentello-Garcia, R. M., Briones-Velasco, M., Rodriguez-Pineda, F. & Cruz-Fuentes, C. S. (2015). Cambios en la expresión de CREB y GR en la corteza de pacientes con epilepsia del lóbulo temporal. [Salud Mental](#), 38(S1), S108.

341 Rodriguez-Manzo, G. (2015). Los endocannabinoides y la saciedad sexual. [Salud Mental](#), 38(S1), S47-S48.

342 Rodriguez-Pineda, F., Cruz-Fuentes, C. S., Briones-Velasco, M., Nani, A., Rocha-Arrieta, L. L., Buentello-Garcia, R. M., Alonso-Vanegas, M. A. & Martinez-Levy, G. A. (2015). Análisis de la expresión de los transcritos I, II, IV y VI del BDNF en corteza temporal de pacientes con epilepsia del lóbulo temporal. [Salud Mental](#), 38(S1), S115-S116.

[ARTÍCULOS R (2.2)] – ARTÍCULOS DE REVISIÓN PUBLICADOS EN REVISTAS O LIBROS RECONOCIDOS

343 Thomas, M., Verzelen, N., Barbillon, P., Coomes, O. T., Caillon, S., Mckey, D., Elias, M., Garine, E., Raimond, C., Dounias, E., Jarvis, D., Wencelius, J., Leclerc, C., Labeyrie, V., Cuong, P. H., Hue, N. T. N., Sthapit, B., Rana, R. B., Barnaud, A., Violon, C., Reyes, L. M. A., Moreno, L. L., De Santis, P. & Massol, F. (2015). A Network-Based Method to Detect Patterns of Local Crop Biodiversity: Validation at the Species and Infra-Species Levels. [Advances in Ecological Research](#), 53, 259-320.

344 Lazarowski, A., Czornyj, L. & Rocha, L. (2015). The Complexity of Roles of P-Glycoprotein in Refractory Epilepsy: Pharmacoresistance, Epileptogenesis, Sudep and Relapsing Marker After Surgical Treatment. [Admet & Dmpk](#), 3(2), 110-121.

345 Reyes-Urbe, E., Serna-Marquez, N. & Perez-Salazar, E. (2015). DDRs: receptors that mediate adhesion, migration and invasion in breast cancer cells. [Aims Biophysics](#), 2(3), 303-317.

346 Lopez-Arredondo, D., Gonzalez-Morales, S. I., Bello-Bello, E., Alejo-Jacuinde, G. & Herrera-Estrella, L. (2015). Engineering Food Crops to Grow in Harsh Environments. [F1000Research](#), 4, 651.

347 Medeiros, M., Castaneda-Hernandez, G., Ross, C. J. D. & Carleton, B. C. (2015). Use of Pharmacogenomics in Pediatric Renal Transplant Recipients. [Frontiers in Genetics](#), 6, 41.

348 Valverde, M. E. & Hernandez-Perez, T. (2015). Edible mushrooms: improving human health and promoting quality life. [International Journal of Microbiology](#), 6, 376387.

349 Gonzalez-Teuber, M. & Heil, M. (2015). Comparative anatomy and physiology of myrmecophytes: ecological and evolutionary perspectives. [Research and Reports in Biodiversity Studies](#), 4, 21-32.

350 Herrera-Perez, J. J., Jimenez-Rubio, G., Hernandez-Hernandez, O. T., Fernandez-Guasti, A. & Martinez-Mota, L. (2015). Associations of Low Testosterone Levels With Stress Vulnerability and Antidepressant Response in Aging Males. [Revista Mexicana De Endocrinologia, Metabolismo y Nutricion](#), 2, 85-94.

351 Olvera-Hernandez, S. & Fernandez-Guasti, A. (2015). Central and Peripheral Effects of the Prenatal Letrozole Administration in Male Rats: Is It a Good Model to Study Human Male Homosexuality? [Revista Mexicana De Endocrinologia, Metabolismo y Nutricion](#), 2, 68-79.

352 Castaneda-Hernandez, G., Gonzalez-Ramirez, R., Kay, J. & Scheinberg, M. A. (2015). Biosimilars in Rheumatology: What the Clinician Should Know. [Rheumatic & Musculoskeletal Diseases Open](#), 1, e000010.

Última actualización: marzo 27, 2017 12:28 p.m.