

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 ZnO (AZO) Thin Films: Effect of ZnO 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}Fe₂O₄ 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 Czts (Cu_2ZnSnS_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. & Delaye, L. (2015). Evolution of Small Prokaryotic Genomes. [Frontiers in Microbiology](#), 5, 742.

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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 Ndfc0.88co0.12aso 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 HVOF 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., Tammineneni, 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.

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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-Hinojosa, 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.

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