

ARTÍCULOS DEL MES DE ABRIL DE 2015

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENDO 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-Calvilloa, 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 Sulfonates: Formal Nucleophiles for Synthesizing Tomic 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., Stremsdorfer, 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-(2'-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., Ortegon-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 Aiiibv 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., Cerdá-García-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 Cal3E Clusters. [Physical Chemistry Chemical Physics](#), 17(14), 8769-8775.
- 68 Monteseguro, 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(P)Over-Bar -> W + X -> Ev Plus X Decays in P(P)Over-Bar Collisions at Root 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 Root 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 Root 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(P)Over-Bar) -> Z+2b Jets/Sigma(P((P)Over-Bar) -> Z+2 Jets) in P((P)Over-Bar) Collisions at Root 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 Root 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)-> 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. [Tehnicki 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 EXTENO EN OTRAS REVISTAS ESPECIALIZADAS
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

99 Ramirez-Neria, M., Sira-Ramirez, H., Luviano-Juarez, A. & Rodrguez-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

10

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.