

ARTÍCULOS DEL MES DE ENERO DE 2014

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

- 1 Mena, J. E. T., Rodriguez, R. S., Jurado, V. Q., Espinosa, R. M., Yauner, L. D., Zajgla, J. M., Trevino, S. V. & Carreon, J. I. P. (2014). Laser Capture Microdissection After Gamma-Glutamyl Transferase Histochemistry: an Optimization for Gene Expression Analysis. [Analytical Biochemistry](#), 447, 126-132.
- 2 De La Cerdá, H. E. C., Estrada, E. O., Poot, F. R. T. & Banik, S. D. (2014). Food Intake and Nutrition in Children 1-4 Years of Age in Yucatan, Mexico. [Annals of Human Biology](#), 41(1), 46-52.
- 3 Aguilar-Lopez, R., Neria-Gonzalez, M. I., Martinez-Guerra, R. & Mata-Machuca, J. L. (2014). Nonlinear estimation in a class of gene transcription process. [Applied Mathematics and Computation](#), 226, 131-144.
- 4 Diaz-Rojas, M., Aguilar-Chavez, A., Cardenas-Aquino, M. D., Ruiz-Valdiviezo, V. M., Hernandez-Valdez, E., Luna-Guido, M., Olalde-Portugal, V. & Dendooven, L. (2014). Effects of Wastewater Sludge, Urea and Charcoal on Greenhouse Gas Emissions in Pots Planted With Wheat. [Applied Soil Ecology](#), 73, 19-25.
- 5 Hernandez, M., Gasca-Leyva, E. & Milstein, A. (2014). Polyculture of Mixed-Sex and Male Populations of Nile Tilapia (*Oreochromis Niloticus*) With the Mayan Cichlid (*Cichlasoma Urophthalmus*). [Aquaculture](#), 418, 26-31.
- 6 Ramirez-Malagon, R., Delgado-Bernal, E., Borodanenko, A., Perez-Moreno, L., Barrera-Guerra, J. L., Nunez-Palenius, H. G. & Ochoa-Alejo, N. (2014). Air Layering and Tiny-Air Layering Techniques for Mesquite [*Prosopis Laevigata* (H. B. Ex Willd.) Johnst. M. C.] Tree Propagation. [Arid Land Research and Management](#), 28(1), 118-128.
- 7 Manrique-Maldonado, G., Gonzalez-Hernandez, A., Altamirano-Espinoza, A. H., Marichal-Cancino, B. A., Ruiz-Salinas, I. & Villalon, C. M. (2014). The Role of Pre-Junctional D-2-Like Receptors Mediating Quinpirole-Induced Inhibition of the Vasodepressor Sensory Cgrpergic Out-Flow in Pithed Rats. [Basic & Clinical Pharmacology & Toxicology](#), 114(2), 174-180.
- 8 Diaz-Bleis, D., Vales-Pinzon, C., Freile-Pelegrin, Y. & Alvarado-Gil, J. J. (2014). Thermal Characterization of Magnetically Aligned Carbonyl Iron/Agar Composites. [Carbohydrate Polymers](#), 99, 84-90.
- 9 Magana, J. J., Tapia-Guerrero, Y. S., Velazquez-Perez, L. et al. (2014). Analysis of Cag Repeats in Five Sca Loci in Mexican Population: Epidemiological Evidence of a Sca7 Founder Effect. [Clinical Genetics](#), 85(2), 159-165.
- 10 Xiong, F. R., Qin, Z. C., Xue, Y., Schutze, O., Ding, Q. & Sun, J. Q. (2014). Multi-Objective Optimal Design of Feedback Controls for Dynamical Systems With Hybrid Simple Cell Mapping Algorithm. [Communications in Nonlinear Science and Numerical Simulation](#), 19(5), 1465-1473.

- *11 Arellano-Aguilar, R., Burciaga-Diaz, O., Gorokhovsky, A. & Escalante-Garcia, J. I. (2014). Geopolymer mortars based on a low grade metakaolin: Effects of the chemical composition, temperature and aggregate: binder ratio. [Construction and Building Materials](#), 50, 642-648.
- 12 Tobon, J. E., Gutierrez, R. E. C. & Ramirez, J. M. (2014). Voltage Collapse Detection Based on Local Measurements. [Electric Power Systems Research](#), 107, 77-84.
- 13 Hernandez-Paniagua, I. Y., Ramirez-Vargas, R., Ramos-Gomez, M. S., Dendooven, L., Avelar-Gonzalez, F. J. & Thalasso, F. (2014). Greenhouse Gas Emissions From Stabilization Ponds in Subtropical Climate. [Environmental Technology](#), 35(6), 727-734.
- 14 Rincon-Heredia, R., Flores-Benitez, D., Flores-Maldonado, C. et al. (2014). Ouabain Induces Endocytosis and Degradation of Tight Junction Proteins Through Erk1/2-Dependent Pathways. [Experimental Cell Research](#), 320(1), 108-118.
- 15 Leon-Cardenal, E., Ibadula, D. & Segers, D. (2014). Poles of the Igusa Local Zeta Function of Some Hybrid Polynomials. [Finite Fields and Their Applications](#), 25, 37-48.
- 16 Salas-Torres, J. C., Rzedowski-Calderon, M. & Villa-Salvador, G. (2014). A Combinatorial Proof of the Kronecker-Wdeber Theorem in Positive Characteristic. [Finite Fields and Their Applications](#), 26, 144-161.
- 17 Lira-Ortiz, A. L., Resendiz-Vega, F., Rios-Leal, E., Contreras-Esquivel, J. C., Chavarria-Hernandez, N., Vargas-Torres, A. & Rodriguez-Hernandez, A. I. (2014). Pectins From Waste of Prickly Pear Fruits (*Opuntia Albicarpa Scheinvar 'reyna'*): Chemical and Rheological Properties. [Food Hydrocolloids](#), 37, 93-99.
- 18 Navarro-Noya, Y. E., Jimenez-Aguilar, A., Valenzuela-Encinas, C., Alcantara-Hernandez, R. J., Ruiz-Valdiviezo, V. M., Ponce-Mendoza, A., Luna-Guido, M., Marsch, R. & Dendooven, L. (2014). Bacterial Communities in Soil Under Moss and Lichen-Moss Crusts. [Geomicrobiology Journal](#), 31(2), 152-160.
- 19 Gonzalez-Valencia, R., Sepulveda-Jauregui, A., Martinez-Cruz, K., Hoyos-Santillan, J., Dendooven, L. & Thalasso, F. (2014). Methane Emissions From Mexican Freshwater Bodies: Correlations With Water Pollution. [Hydrobiologia](#), 721(1), 9-22.
- 20 Corrales-Mendoza, I. & Conde-Gallardo, A. (2014). Growth of Ndfeaso Films by a Combination of Metal-Organic Chemical Vapor Deposition and Arsenic Diffusion Processes. [Ieee Transactions on Applied Superconductivity](#), 24(2), 7300106.
- 21 Di Gennaro, S., Dominguez, J. R. & Meza, M. A. (2014). Sensorless High Order Sliding Mode Control of Induction Motors With Core Loss. [Ieee Transactions on Industrial Electronics](#), 61(6), 2678-2689.
- *22 Garcia-Cordero, J., Carrillo-Halfon, S., Leon-Juarez, M. et al. (2014). Generation and Characterization of a Rat Monoclonal Antibody Against the Rna Polymerase Protein From Dengue Virus-2. [Immunological Investigations](#), 43(1), 28-40.

- 23 Soto-Padilla, M. Y., Valenzuela-Encinas, C., Dendooven, L., Marsch, R., Gortares-Moroyoqui, P. & Estrada-Alvarado, M. I. (2014). Isolation and Phylogenetic Identification of Soil Haloalkaliphilic Strains in the Former Texcoco Lake. [International Journal of Environmental Health Research](#), 24(1), 82-90.
- 24 Rubio, G. J., Canedo, J. M., Utkin, V. I. & Loukianov, A. G. (2014). Second Order Sliding Mode Block Control of Single-Phase Induction Motors. [International Journal of Robust and Nonlinear Control](#), 24(4), 682-698.
- 25 Sanchez-Mirafuentes, M. & Villa-Salvador, G. (2014). Radical Extensions for the Carlitz Module. [Journal of Algebra](#), 398, 284-302.
- 26 Gorokhovsky, A. V., Tretyachenko, E. V., Escalante-Garcia, J. I., Yurkov, G. Y. & Goffman, V. G. (2014). Modified Amorphous Layered Titanates as Precursor Materials to Produce Heterostructured Nanopowders and Ceramic Nanocomposites. [Journal of Alloys and Compounds](#), 586, S494-S497.
- 27 Hernandez-Ramirez, A., Martinez-Luevanos, A., Fuentes, A. F., Nelson, A. G. D., Ewing, R. C. & Montemayor, S. M. (2014). Molten Salts Activated by High-Energy Milling: a Useful, Low-Temperature Route for the Synthesis of Multiferroic Compounds. [Journal of Alloys and Compounds](#), 584, 93-100.
- 28 Nunez, U. C., Eloirdi, R., Prieur, D., Martel, L., Honorato, E. L., Farnan, I., Vitova, T. & Somers, J. (2014). Structure of Uc₂ and U₂c₃:Xrd, C-13 Nmr and Exafs Study. [Journal of Alloys and Compounds](#), 589, 234-239.
- 29 De Moure-Flores, F., Quinones-Galvan, J. G., Guillen-Cervantes, A. et al. (2014). CdTe Thin Films Grown by Pulsed Laser Deposition Using Powder as Target: Effect of Substrate Temperature. [Journal of Crystal Growth](#), 386, 27-31.
- 30 Contreras-Jimenez, B., Gaytan-Martinez, M., Figueroa-Cardenas, J. D., Avalos-Zuniga, R. A. & Morales-Sanchez, E. (2014). Effect of Steeping Time and Calcium Hydroxide Concentration on the Water Absorption and Pasting Profile of Corn Grits. [Journal of Food Engineering](#), 122, 72-77.
- 31 Balderas-Xicohtencatl, R., Martinez-Martinez, R., Rivera-Alvarez, Z., Santoyo-Salazar, J. & Falcony, C. (2014). Photo and Cathodoluminescence Characteristics of Dysprosium Doped Yttrium Oxide Nanoparticles Prepared by Polyol Method. [Journal of Luminescence](#), 146, 497-501.
- 32 Winkler, R. (2014). Massypup - an 'out of the Box' Solution for the Analysis of Mass Spectrometry Data. [Journal of Mass Spectrometry](#), 49(1), 37-42.
- 33 Aquino-Meneses, L., Lozada-Morales, R., Del Angel-Vicente, P., Percino-Picazo, J. C., Zelaya-Angel, O., Becerril, M., Carmona-Rodriguez, J., Rodriguez-Melgarejo, F. & Jimenez-Sandoval, S. (2014). Photoluminescence in Nd-Doped V₂O₅. [Journal of Materials Science](#), 49(5), 2298-2302.
- 34 Jimenez-Perez, V. M., Munoz-Flores, B. M., Gomez, A. et al. (2014). Synthesis, Structural Characterization, Cytotoxicity in Vitro, and Effect on Dna of Sulfate-Trans-Dichloro-Trans-Bis(Dimethylsulfoxide)-Trans-Dimethyl-Tin(I V). [Journal of Molecular Structure](#), 1058, 9-13.

35 Estrada-Montano, A. S., Leyva, M. A., Grande-Aztatzi, R., Vela, A. & Rosales-Hoz, M. J. (2014). The Reaction of [Fe-3(Co)(12)] With Hc Csir3 (R = Me, Ph) and Reactivity of [Hfe3(Co)(9)(Ccsime3)] With Amines. Theoretical Studies on Nmr H-1 and C-13 Chemical Shifts and Some Advances in the Theoretical Determinations of Pka in Cluster Compounds. [Journal of Organometallic Chemistry](#), 751, 420-429.

36 Colorado-Peralta, R., Guadarrama-Perez, C., Martinez-Chavando, L. A. et al. (2014). Structural Analyses of 2-Triorganylsilyl- and 2-Triorganylstannyl Derivatives of 5-Alkyl-[1,3,5]-Dithiazinanes. Do S Center Dot Center Dot Si and S Center Dot Center Dot Sn Interactions Exist? [Journal of Organometallic Chemistry](#), 751, 579-590.

37 Montes-Tolentino, P., Colorado-Peralta, R., Martinez-Chavando, L. A., Mijangos, E., Duarte-Hernandez, A. M., Suarez-Moreno, G. V., Contreras, R. & Flores-Parra, A. (2014). Synthesis and Structural Study of Bis-, Tris- and Tetra-[1,3,5]-Dithiazinanyl Silanes and Stannanes. [Journal of Organometallic Chemistry](#), 751, 591-603.

38 Borja-Arco, E., Jimenez-Sandoval, O., Magallon-Cacho, L. & Sebastian, P. J. (2014). Ruthenium Based Electrocatalysts for Hydrogen Oxidation, Prepared by a Microwave Assisted Method. [Journal of Power Sources](#), 246, 438-442.

39 Astey, L., Bahri, A., Bendersky, M., Cohen, F. R., Davis, D. M., Gitler, S., Mahowald, M., Ray, N. & Wood, R. (2014). The Ko*-Rings of Btm, the Davis-Januszkevicz Spaces and Certain Toric Manifolds. [Journal of Pure and Applied Algebra](#), 218(2), 303-320.

40 Santos, O., Villafuerte, R. & Mondie, S. (2014). Robust Stabilization of Nonlinear Time Delay Systems: a Complete Type Functionals Approach. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 351(1), 207-224.

41 Rivera, J., Chavira, F., Loukianov, A., Ortega, S. & Raygoza, J. J. (2014). Discrete-Time Modeling and Control of a Boost Converter by Means of a Variational Integrator and Sliding Modes. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 351(1), 315-339.

42 Soltani, N., Nodooshan, H. R. J., Bahrami, A., Pech-Canul, M. I., Liu, W. C. & Wu, G. H. (2014). Effect of Hot Extrusion on Wear Properties of Al-15 Wt.% Mg2Si in Situ Metal Matrix Composites. [Materials & Design](#), 53, 774-781.

43 Deaquino-Lara, R., Gutierrez-Castaneda, E., Estrada-Guel, I., Hinojosa-Ruiz, G., Garcia-Sanchez, E., Herrera-Ramirez, J. M., Perez-Bustamante, R. & Martinez-Sanchez, R. (2014). Structural Characterization of Aluminium Alloy 7075-Graphite Composites Fabricated by Mechanical Alloying and Hot Extrusion. [Materials & Design](#), 53, 1104-1111.

44 Cruz, M. P., Valdespino, D., Gervacio, J. J. et al. (2014). Piezoelectric and Ferroelectric Response Enhancement in Multiferroic Ycro3 Films by Reduction in Thickness. [Materials Letters](#), 114, 148-151.

45 Morales, R., Somolinos, J. A. & Sira-Ramirez, H. (2014). Control of a Dc Motor Using Algebraic Derivative Estimation With Real Time Experiments. [Measurement](#), 47, 401-417.

46 Gomez-Villanueva, R., Linares-Y-Miranda, R., Tirado-Mendez, J. A. & Jardon-Aguilar, H. (2014). Very Broadband Pifa Antenna for Mobile Communications and Ultrawideband Services. [Microwave and Optical Technology Letters](#), 56(2), 313-316.

47 Recillas-Morales, S., Sanchez-Vega, L., Ochoa-Sanchez, N., Caballero-Floran, I., Paz-Bermedez, F., Silva, I., Aceves, J., Erlij, D. & Floran, B. (2014). L-type Ca²⁺ channel activity determines modulation of GABA release by dopamine in the substantia nigra reticulata and the globus pallidus of the rat. [Neuroscience](#), 256, 292-301.

48 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2014). Muon Reconstruction and Identification With the Run II D0 Detector. [Nuclear Instruments & Methods in Physics Research Section A-Accelerators Spectrometers Detectors and Associated Equipment](#), 737, 281-294.

49 Rivera-Guzman, N. E., Moreno-Casasola, P., Ibarra-Obando, S. E., Sosa, V. J. & Herrera-Silveira, J. (2014). Long term state of coastal lagoons in Veracruz, Mexico: Effects of land use changes in watersheds on seagrasses habitats. [Ocean & Coastal Management](#), 87, 30-39.

50 Ornelas-Tellez, F., Sanchez, E. N. & Loukianov, A. G. (2014). Inverse Optimal Control for Discrete-Time Nonlinear Systems Via Passivation. [Optimal Control Applications & Methods](#), 35(1), 110-126.

51 Echeverria-Rodriguez, O., Del Valle-Mondragon, L. & Hong, E. (2014). Angiotensin 1-7 Improves Insulin Sensitivity by Increasing Skeletal Muscle Glucose Uptake in Vivo. [Peptides](#), 51, 26-30.

52 Gonzalez-Mariscal, G. & Gallegos, J. A. (2014). The maintenance and termination of maternal behavior in rabbits: Involvement of suckling and progesterone. [Physiology & Behavior](#), 124, 72-76.

53 Alfaro-Fuentes, I., Lopez-Sandoval, H., Mijangos, E., Duarte-Hernandez, A. M., Rodriguez-Lopez, G., Bernal-Uruchurtu, M. I., Contreras, R., Flores-Parra, A. & Barba-Behrens, N. (2014). Metal Coordination Compounds Derived From Tinidazole and Transition Metals. Halogen and Oxygen Lone Pair...pi Interactions. [Polyhedron](#), 67, 373-380.

54 Lara-Gonzalez, S., Estrella-Hernandez, P., Ochoa-Leyva, A. et al. (2014). Structural and Thermodynamic Folding Characterization of Triosephosphate Isomerase From Trichomonas vaginalis Reveals the Role of Destabilizing Mutations Following Gene Duplication. [Proteins-Structure Function and Bioinformatics](#), 82(1), 22-33.

55 Gomez-Balderas, J. E., Salazar, S., Guerrero, J. A. & Lozano, R. (2014). Vision-Based Autonomous Hovering for a Miniature Quad-Rotor. [Robotica](#), 32(1), 43-61.

56 Treesatayapun, C. (2014). Adaptive Control Based on if-Then Rules for Grasping Force Regulation With Unknown Contact Mechanism. [Robotics and Computer-Integrated Manufacturing](#), 30(1), 11-18.

57 Goicochea, A. G., Mayoral, E., Klapp, J. & Pastorino, C. (2014). Nanotribology of Biopolymer Brushes in Aqueous Solution Using Dissipative Particle Dynamics Simulations: an Application to Peg Covered Liposomes in a Theta Solvent. [Soft Matter](#), 10(1), 166-174.

58 Camacho-Abrego, I., Tellez-Merlo, G., Melo, A. I., Rodriguez-Moreno, A., Garces, L., De Lacruz, F., Zamudio, S. & Flores, G. (2014). Rearrangement of the Dendritic Morphology of the Neurons From Prefrontal Cortex and Hippocampus After Subthalamic Lesion in Sprague-Dawley Rats. *Synapse*, 68(3), 114-126.

59 Arreola-Jardon, G., Jimenez-Sandoval, S. & Mendoza-Galvan, A. (2014). Growth and Characterization of Cucdteo Thin Films Sputtered From Cdte-Cuo Composite Targets. *Vacuum*, 101, 130-135.

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

60 Diaz-Valle, A., Chavez-Calvillo, G. & Carrillo-Tripp, M. (2014). In silico binding free energy characterization of cowpea chlorotic mottle virus coat protein homodimer variants. *Advances in intelligent systems and computing*, 232, 21-28.

61 Hernandez, I., Olivares-Galvan, J. C., Georgilakis, P. S. & Canedo, J. M. (2014). Core loss and excitation current model for wound core distribution transformers. *International Transactions on Electrical Energy Systems*, 24(1), 30-42.

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ARTÍCULOS DEL MES DE FEBRERO DE 2014

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

- 1 Lopez, R., Diaz, T., Garcia, G. et al. (2014). Fast Formation of Surface Oxidized Zn Nanorods and Urchin-Like Microclusters. [Advances in Materials Science and Engineering](#), 2014, 257494.
- *2 Berron-Ruiz, L., Lopez-Herrera, G., Vargas-Hernandez, A., Mogica-Martinez, D., Garcia-Latorre, E., Blancas-Galicia, L., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2014). Lymphocytes and B-cell abnormalities in patients with common variable immunodeficiency (CVID). [Allergologia Et Immunopathologia](#), 42(1), 35-43.
- 3 Santamaria, R. I., Bustos, P., Sepulveda-Robles, O. et al. (2014). Narrow-Host-Range Bacteriophages That Infect Rhizobium Etli Associate With Distinct Genomic Types. [Applied and Environmental Microbiology](#), 80(2), 446-454.
- 4 Caspeta, L., Caro-Bermudez, M. A., Ponce-Noyola, T. & Martinez, A. (2014). Enzymatic Hydrolysis at High-Solids Loadings for the Conversion of Agave Bagasse to Fuel Ethanol. [Applied Energy](#), 113, 277-286.
- 5 Martinez-Guerra, R. & Mata-Machuca, J. L. (2014). Generalized synchronization via the differential primitive element. [Applied Mathematics and Computation](#), 232, 848-857.
- 6 Montes, E., Ceron, P., Montalvo, T. R., Guzman, J., Garcia-Hipolito, M., Soto-Guzman, A. B., Garcia-Salcedo, R. & Falcony, C. (2014). Thermoluminescent Characterization of HfO₂:Tb³⁺ Synthesized by Hydrothermal Route. [Applied Radiation and Isotopes](#), 83, 196-199.
- 7 Poot-Lopez, G. R., Hernandez, J. M. & Gasca-Leyva, E. (2014). Analysis of Ration Size in Nile Tilapia Production: Economics and Environmental Implications. [Aquaculture](#), 420, 198-205.
- 8 Mendoza-Aguayo, D. J., Poggi-Varaldo, H. M., Garcia-Mena, J., Ramos-Valdivia, A. C., Salgado, L. M., De La Torre-Martinez, M. & Ponce-Noyola, T. (2014). Extracellular Expression of Glucose Inhibition-Resistant Cellulomonas Flavigena Pn-120 Beta-Glucosidase by a Diploid Strain of *Saccharomyces Cerevisiae*. [Archives of Microbiology](#), 193(1), 25-33.
- 9 Klapp, J., Sigalotti, L. D., Zavala, M., Pena-Polo, F. & Troconis, J. (2014). Rotationally Induced Fragmentation in the Prestellar Core L1544. [Astrophysical Journal](#), 780(2), 188.
- 10 Marichal-Cancino, B. A., Altamirano-Espinoza, A. H., Manrique-Maldonado, G., Maassen Van Den Brink, A. & Villalon, C. M. (2014). Role of Pre-Junctional CB1, But not CB2, TRPV1 or GPR55 Receptors in Anandamide-Induced Inhibition of the Vasodepressor Sensory CGRPergic Outflow in Pithed Rats. [Basic & Clinical Pharmacology & Toxicology](#), 114(3), 240-247.
- 11 Robles-Molina, E., Dionisio-Vicuna, M., Guzman-Hernandez, M. L., Reyes-Cruz, G. & Vazquez-Prado, J. (2014). GBeta gamma interacts with mTOR and promotes its activation. [Biochemical and Biophysical Research Communications](#), 444(2), 218-223.

- 12 Esquivel-Rios, I., Ramirez-Vargas, R., Hernandez-Martinez, G. R., Vital-Jacome, M., Ordaz, A. & Thalasso, F. (2014). A microrespirometric method for the determination of stoichiometric and kinetic parameters of heterotrophic and autotrophic cultures. [Biochemical Engineering Journal](#), 83, 70-78.
- 13 Suarez-Sanchez, R., Aguilar, A., Wagstaff, K. M. et al. (2014). Nucleocytoplasmic shuttling of the Duchenne muscular dystrophy gene product dystrophin Dp71d is dependent on the importin alpha/Beta and CRM1 nuclear transporters and microtubule motor dynein. [Biochimica Et Biophysica Acta--Molecular Cell Research](#), 1843(5), 985-1001.
- 14 Martinez-Lopez, L. A., Ochoa-Alejo, N. & Martinez, O. (2014). Dynamics of the chili pepper transcriptome during fruit development. [BMC Genomics](#), 15(1), 143.
- 15 Espinosa-Soto, C., Immink, R. G., Angenent, G. C., Alvarez-Buylla, E. R. & De Folter, S. (2014). Tetramer formation in Arabidopsis MADS domain proteins: analysis of a protein-protein interaction network. [BMC Systems Biology](#), 8, 9.
- 16 Herrera Yanez, C., Hutnik, O. & Maximenko, E. A. (2014). Vertical symbols, Toeplitz operators on weighted Bergman spaces over the upper half-plane and very slowly oscillating functions. [Comptes Rendus Mathematique](#), 352(2), 129-132.
- 17 Aichholzer, O., Fabila-Monroy, R., Hackl, T., Huemer, C., Pilz, A. & Vogtenhuber, B. (2014). Lower bounds for the number of small convex k-holes. [Computational Geometry](#), 47(5), 605-613.
- 18 Alfaro, C. A., Aydin, B., Valencia, C. E., Bullitt, E. & Ladha, A. (2014). Dimension reduction in principal component analysis for trees. [Computational Statistics & Data Analysis](#), 74, 157-179.
- 19 Rios-Cabrera, R. & Tuytelaars, T. (2014). Boosting masked dominant orientation templates for efficient object detection. [Computer Vision and Image Understanding](#), 120, 103-116.
- 20 Garcia, R., Alredo-Badillo, I., Morales-Sandoval, M., Feregrino-Uribe, C. & Cumplido, R. (2014). A compact FPGA-based processor for the Secure Hash Algorithm SHA-256: 40th-year commemorative issue. [Computers and Electrical Engineering](#), 40(1), 194-202.
- 21 Alfaro, C. A. & Valencia, C. E. (2014). Graphs with two trivial critical ideals. [Discrete Applied Mathematics](#), 167, 33-44.
- *22 Mendoza, S. V., Harvey, C. A., Saenz, J. C. et al. (2014). Consistency in Bird Use of Tree Cover Across Tropical Agricultural Landscapes. [Ecological Applications](#), 24(1), 158-168.
- 23 Rendon-Ramirez, A. L., Maldonado-Vega, M., Quintanar-Escorza, M. A., Hernandez, G., Arevalo-Rivas, B. I., Zentella-Dehesa, A. & Calderon-Salinas, J. V. (2014). Effect of vitamin E and C supplementation on oxidative damage and total antioxidant capacity in lead-exposed workers. [Environmental Toxicology and Pharmacology](#), 37(1), 45-54.
- 24 Ornelas-Tellez, F., Sanchez, E. N., Loukianov, A. G. & Rico, J. J. (2014). Robust Inverse Optimal Control for Discrete-Time Nonlinear System Stabilization. [European Journal of Control](#), 20(1), 38-44.

- 25 Arauz, J., Zarco, N., Segovia, J., Shibayama, M., Tsutsumi, V. & Muriel, P. (2014). Caffeine Prevents Experimental Liver Fibrosis by Blocking the Expression of Tgf-Beta. [European Journal of Gastroenterology & Hepatology](#), 26(2), 164-173.
- 26 Carballo-Villalobos, A. I., Gonzalez-Trujano, M. E. & Lopez-Munoz, F. J. (2014). Evidence of mechanism of action of anti-inflammatory/antinociceptive activities of acacetin. [European Journal of Pain](#), 18(3), 396-405.
- 27 Candalija, A., Cubi, R., Ortega, A., Aguilera, J. & Gil, C. (2014). Trk Receptors Need Neutral Sphingomyelinase Activity to Promote Cell Viability. [Febs Letters](#), 588(1), 167-174.
- 28 Shahbazi, M., Jimenez, P., Martinez, L. A. & Carruth, L. L. (2014). Effects of housing condition and early corticosterone treatment on learned features of song in adult male zebra finches. [Hormones and Behavior](#), 66(3), 226-237.
- 29 Mendez-Enriquez, E., Medina-Tamayo, J., Garcia-Zepeda, E. A., Soldevila, G., Fortoul, T. I., Anton, B. & Flores-Romo, L. (2014). A CCL chemokine-derived peptide (CDIP-2) exerts anti-inflammatory activity via CCR1, CCR2 and CCR3 chemokine receptors: Implications as a potential therapeutic treatment of asthma. [International Immunopharmacology](#), 20(1), 1-11.
- 30 Hernandez-Moreno, A. V., Villasenor, F., Medina-Rivero, E., Perez, N. O., Flores-Ortiz, L. F., Saab-Rincon, G. & Luna-Barcenas. (2014). Kinetics and conformational stability studies of recombinant leucine aminopeptidase. [International Journal of Biological Macromolecules](#), 64, 306-312.
- 31 Castillo-Atoche, A., Vega-Lizama, E. T., Maldonado-Lopez, L., Castro-Borges, P. & Diaz-Ballote, L. (2014). Use of Current and Potential Fluctuations Among Identical Electrodes to Determine the Induction Time of the Transesterification Reaction. [International Journal of Electrochemical Science](#), 9(1), 249-256.
- 32 Sanchez-Madrigal, M. A., Melendez-Pizarro, C. O., Martinez-Bustos, F., Ruiz-Gutierrez, M. G., Quintero-Ramos, A., Marquez-Melendez, R., Lardizabal-Gutierrez, D. & Campos-Venegas, K. (2014). Structural, Functional, Thermal and Rheological Properties of Nixtamalised and Extruded Blue Maize (*Zea Mays L.*) Flour With Different Calcium Sources. [International Journal of Food Science and Technology](#), 49(2), 578-586.
- *33 Gurubel, K. J., Alanis, A. Y., Sanchez, E. N. & Carlos-Hernandez, S. (2014). A Neural Observer With Time-Varying Learning Rate: Analysis and Applications. [International Journal of Neural Systems](#), 24(1), 1450011.
- *34 Perez-Garmendia, R., Hernandez-Zimbron, L. F., Morales, M. A. et al. (2014). Identification of N-Terminally Truncated Pyroglutamate Amyloid-Beta in Cholesterol-Enriched Diet-Fed Rabbit and AD Brain. [Journal of Alzheimer's Disease](#), 39(2), 441-55.
- 35 Boucard, A. A., Maxeiner, S. & Sudhof, T. C. (2014). Latrophilins Function as Heterophilic Cell-Adhesion Molecules by Binding to Teneurins Regulation by Alternative Splicing. [Journal of Biological Chemistry](#), 289(1), 387-402.

- 36 Garnica-Palafox, I. M., Sanchez-Arevalo, F. M., Velasquillo, C., Garcia-Carvajal, Z. Y., Garcia-Lopez, J., Ortega-Sanchez, C., Ibarra, C., Luna-Barcenas, G. & Solis-Arrieta, L. (2014). Mechanical and Structural Response of a Hybrid Hydrogel Based on Chitosan and Poly(Vinyl Alcohol) Cross-Linked With Epichlorohydrin for Potential Use in Tissue Engineering. *Journal of Biomaterials Science-Polymer Edition*, 25(1), 32-50.
- 37 Muniasamy, G. & Perez-Guevara, F. (2014). Use of SNAREs for the immobilization of poly-3-hydroxyalkanoate polymerase type II of *Pseudomonas putida* CA-3 in secretory vesicles of *Saccharomyces cerevisiae* ATCC 9763. *Journal of Biotechnology*, 172, 77-9.
- 38 Gold-Bouchot, G., Ceja-Moreno, V., Chan-Cocom, E. & Zapata-Perez, O. (2014). Petroleum Hydrocarbons, Fluorescent Aromatic Compounds in Fish Bile and Organochlorine Pesticides From Areas Surrounding the Spill of the Kab121 Well, in the Southern Gulf of Mexico: a Case Study. *Journal of Environmental Biology*, 35(1), 147-156.
- 39 Vidal-Martinez, V. M., Aguirre-Macedo, M. L., May-Tec, A. L., Pal, P. & Lewis, J. W. (2014). Temporal variation in the dispersion patterns of metazoan parasites of a coastal fish species from the Gulf of Mexico. *Journal of Helminthology*, 88(1), 112-22.
- 40 Ramirez-Rodriguez, H., Parra-Vega, V., Sanchez-Orta, A. & Garcia-Salazar, O. (2014). Robust Backstepping Control Based on Integral Sliding Modes for Tracking of Quadrotors. *Journal of Intelligent & Robotic Systems*, 73(1-4), 51-66.
- 41 Guadarrama-Olvera, J. R., Corona-Sanchez, J. J. & Rodriguez-Cortes, H. (2014). Hard Real-Time Implementation of a Nonlinear Controller for the Quadrotor Helicopter. *Journal of Intelligent & Robotic Systems*, 73(1-4), 81-97.
- 42 Benitez-Morales, J. G., Rodriguez-Cortes, H. & Castro-Linares, R. (2014). A New Nonlinear Controller for Trajectory Tracking of the Longitudinal Dynamics of a Small Scale Helicopter. *Journal of Intelligent & Robotic Systems*, 73(1-4), 99-121.
- 43 Gonzalez, I., Salazar, S. & Lozano, R. (2014). Chattering-Free Sliding Mode Altitude Control for a Quad-Rotor Aircraft: Real-Time Application. *Journal of Intelligent & Robotic Systems*, 73(1-4), 137-155.
- 44 Munoz-Vazquez, A. J., Parra-Vega, V. & Sanchez, A. (2014). A Passive Velocity Field Control for Navigation of Quadrotors With Model-Free Integral Sliding Modes. *Journal of Intelligent & Robotic Systems*, 73(1-4), 373-385.
- 45 Aguilar-Sierra, H., Flores, G., Salazar, S. & Lozano, R. (2014). Fault Estimation for a Quad-Rotor Mav Using a Polynomial Observer. *Journal of Intelligent & Robotic Systems*, 73(1-4), 455-468.
- 46 Espinoza, E. S., Garcia, O., Lugo, I., Ordaz, P., Malo, A. & Lozano, R. (2014). Modeling and Sliding Mode Control of a Micro Helicopter-Airplane System. *Journal of Intelligent & Robotic Systems*, 73(1-4), 469-486.

- 47 Brezoescu, A., Castillo, P. & Lozano, R. (2014). Wind Estimation for Accurate Airplane Path Following Applications. [Journal of Intelligent & Robotic Systems](#), 73(1-4), 823-831.
- 48 Romero-Tepal, E. M., Contreras-Blancas, E., Navarro-Noya, Y. E., Ruiz-Valdiviezo, V. M., Luna-Guido, M., Gutierrez-Miceli, F. A. & Dendooven, L. (2014). Changes in the Bacterial Community Structure in Stored Wormbed Leachate. [Journal of Molecular Microbiology and Biotechnology](#), 24(2), 105-113.
- 49 Lozada-Morales, R., Aquino-Meneses, L., Lopez-Calzada, G. et al. (2014). Studies of phase formation from the ZnO-CdO-V₂O₅ ternary system. [Journal of Non-Crystalline Solids](#), 386(0), 39-45.
- 50 Jimenez, C. C., Farfan, N., Romero-Avila, M. et al. (2014). Synthesis and chemical-optical characterization of novel two-photon fluorescent borinates derived from Schiff bases. [Journal of Organometallic Chemistry](#), 755, 33-40.
- 51 Pan, S., Moreno, D., Cabellos, J. L., Romero, J., Reyes, A., Merino, G. & Chattaraj, P. K. (2014). In Quest of Strong Be-Ng Bonds Among the Neutral Ng-Be Complexes. [Journal of Physical Chemistry A](#), 118(2), 487-494.
- 52 Fernandez, D. J. & Morales-Salgado, V. S. (2014). Supersymmetric Partners of the Harmonic Oscillator With an Infinite Potential Barrier. [Journal of Physics A-Mathematical and Theoretical](#), 47(3), 035304.
- 53 Suarez-Gonzalez, E. M., Lopez, M. G., Delano-Frier, J. P. & Gomez-Leyva, J. F. (2014). Expression of the 1-SST and 1-FFT genes and consequent fructan accumulation in Agave tequilana and A. inaequidens is differentially induced by diverse (a)biotic-stress related elicitors. [Journal of Plant Physiology](#), 171(3-4), 359-372.
- 54 Ponce-Flores, H. & Conde-Gallardo, A. (2014). Influence of the Oxygen Excess in the Synthesis of NdFeAsO_{1-x}F_x Superconductors. [Journal of Superconductivity and Novel Magnetism](#), 27(3), 673-679.
- 55 Rojas-Montes, J. C., Perez-Garibay, R. & Uribe-Salas, A. (2014). The effects of an anionic membrane on the electrodeposition of manganese ions: a kinetic and statistical study. [Journal of the Electrochemical Society](#), 161(1), D67-D72.
- 56 Harilal, M., Manikantan-Nair, V., Wariar, P. R. S., Padmasree, K. P., Yusoff, M. M. & Rajan, J. (2014). Electrical and optical properties of NdAlO₃ synthesized by an optimized combustion process. [Materials Characterization](#), 90, 7-12.
- 57 Maczka, M., Bednarkiewicz, A., Mendoza-Mendoza, E., Fuentes, A. F. & Kepinski, L. (2014). Low-temperature synthesis, phonon and luminescence properties of Eu doped Y₃Al₅O₁₂ (YAG) nanopowders. [Materials Chemistry and Physics](#), 143(3), 1039-1047.
- 58 VillaVelazquez-Mendoza, C. I., Rodriguez-Mendoza, J. L., Hodgkins, R. P., Ibarra-Galvan, V., Leal-Cruz, A. L., Lopez-Valdivieso, A. & Pech-Canul, M. I. (2014). Novel sea-urchin-like rutile

microstructures synthesized by the thermal decomposition and oxidation of K₂TiF₆. [Materials Letters](#), 121, 191-193.

59 Carrera-Jota, M. L., Garcia-Murillo, A., Carrillo-Romo, F., Garcia-Hernandez, M., Morales Ramirez, A. J., Velumani, S., De la Rosa-Cruz, E. & Kassiba, A. (2014). Lu₂O₃:Eu³⁺ glass ceramic films: Synthesis, structural and spectroscopic studies. [Materials Research Bulletin](#), 51, 418-425.

60 Gonzalez-Villanueva, L., Arvizu-Gomez, J. L., Hernandez-Morales, A., Aguilera-Aguirre, S. & Alvarez-Morales, A. (2014). The PhtL protein of *Pseudomonas syringae* pv. *phaseolicola* NPS3121 affects the expression of both phaseolotoxin cluster (Pht) and Non-Pht encoded genes. [Microbiological Research](#), 169(2-3), 221-231.

61 De Melo, C., Larramendi, S., Torres-Costa, V., Santoyo-Salazar, J., Behar, M., Ferraz Dias, J. & De Melo, O. (2014). Enhanced ZnTe infiltration in porous silicon by Isothermal Close Space Sublimation. [Microporous and Mesoporous Materials](#), 188, 93-98.

62 Davila-Pulido, G. I. & Uribe-Salas, A. (2014). Effect of Calcium, Sulphate and Gypsum on Copper-Activated and Non-Activated Sphalerite Surface Properties. [Minerals Engineering](#), 55, 147-153.

63 Perez-Garibay, R., Ramirez-Aguilera, N., Bouchard, J. & Rubio, J. (2014). Froth flotation of sphalerite: Collector concentration, gas dispersion and particle size effects. [Minerals Engineering](#), 57, 72-78.

64 Estrada-Capetillo, B. L., Rodriguez-Pinal, C. J., Reynaga-Hernandez, E., Corral-Fernandez, N. E., Ortiz-Perez, M. D., Salgado-Bustamante, M., Calderon-Aranda, E., Gonzalez-Amaro, R. & Portales-Perez, D. P. (2014). Arsenic and fluoride co-exposure affects the expression of apoptotic and inflammatory genes and proteins in mononuclear cells from children. [Mutation Research-Genetic Toxicology and Environmental Mutagenesis](#), 761, 27-34.

65 Chairez, I. (2014). Finite time convergent learning law for continuous neural networks. [Neural Networks](#), 50, 175-82.

66 Martinez, D., Garcia, L., Aguilera, J. & Ortega, A. (2014). An Acute Glutamate Exposure Induces Long-Term Down Regulation of Glast/Eaat1 Uptake Activity in Cultured Bergmann Glia Cells. [Neurochemical Research](#), 39(1), 142-149.

67 Osorio-Espinoza, A., Escamilla-Sanchez, J., Aquino-Jarquin, G. & Arias-Montano, J. A. (2014). Homologous Desensitization of Human Histamine H-3 Receptors Expressed in Cho-K1 Cells. [Neuropharmacology](#), 77, 387-397.

68 Gomez, M. L., Martinez-Mota, L., Estrada-Camarena, E. & Fernandez-Guasti, A. (2014). Influence of the brain sexual differentiation process on despair and antidepressant-like effect of fluoxetine in the rat forced swim test. [Neuroscience](#), 261, 11-22.

69 Jimenez-Sanchez, A., Rodriguez, M., Metivier, R., Ramos-Ortiz, G., Maldonado, J. L., Reboles, N., Farfan, N., Nakatani, K. & Santillan, R. (2014). Synthesis and Crystal Structures of a Series of

- Schiff Bases: a Photo-, Solvato- and Acidochromic Compound. [New Journal of Chemistry](#), 38(2), 730-738.
- 70 Maldonado-Dominguez, M., Arcos-Ramos, R., Romero, M., Flores-Perez, B., Farfan, N., Santillan, R., Lacroix, P. G. & Malfant, I. (2014). The Amide Bridge in Donor-Acceptor Systems: Delocalization Depends on Push-Pull Stress. [New Journal of Chemistry](#), 38(1), 260-268.
- 71 Rojas-Saenz, H., Suarez-Moreno, G. V., Ramos-Garcia, I., Duarte-Hernandez, A. M., Mijangos, E., Pena-Hueso, A., Contreras, R. & Flores-Parra, A. (2014). 1,4-Dialkyl-1,4-Diazabutadienes: Their Reactions With Aluminum and Indium Halides. [New Journal of Chemistry](#), 38(1), 391-405.
- 72 Ferra-Gonzalez, S. R., Berman-Mendoza, D., Garcia-Gutierrez, R., Castillo, S. J., Ramirez-Bon, R., Gnade, B. E. & Quevedo-Lopez, M. A. (2014). Optical and Structural Properties of Cds Thin Films Grown by Chemical Bath Deposition Doped With Ag by Ion Exchange. [Optik](#), 125(4), 1533-1536.
- 73 Cruz, J. I. D., Juarez-Saavedra, P., Paz-Michel, B., Leyva-Ramirez, M. A., Rajapakshe, A., Vannucci, A. K., Lichtenberger, D. L. & Paz-Sandoval, M. A. (2014). Phosphine-Substituted (Eta(5)-Pentadienyl) Manganese Carbonyl Complexes: Geometric Structures, Electronic Structures, and Energetic Properties of the Associative Substitution Mechanism, Including Isolation of the Slipped Eta(3)-Pentadienyl Associative Intermediate. [Organometallics](#), 33(1), 278-288.
- 74 Machucho-Cadena, R., Rivera-Rovelo, J. & Bayro-Corrochano, E. (2014). Geometric techniques for 3D tracking of ultrasound sensor, tumor segmentation in ultrasound images, and 3D reconstruction. [Pattern Recognition](#), 47(5), 1968-1987.
- 75 Alvarez-Martinez, R., Cocho, G., Rodriguez, R. F. & Martinez-Mekler, G. (2014). Birth and death master equation for the evolution of complex networks. [Physica A-Statistical Mechanics and Its Applications](#), 402, 198-208.
- 76 Barbero, C., Lopez Castro, G. & Mariano, A. (2014). One pion production in neutrino-nucleon scattering and the different parameterizations of the weak N->Delta vertex. [Physics Letters B](#), 728, 282-287.
- 77 Calderon-Perez, B., Xoconostle-Cazares, B., Lira-Carmona, R., Hernandez-Rivas, R., Ortega-Lopez, J. & Ruiz-Medrano, R. (2014). The Plasmodium Falciparum Translationally Controlled Tumor Protein (Tctp) Is Incorporated More Efficiently Into B Cells Than Its Human Homologue. [Plos One](#), 9(1), e85514.
- 78 Ambriz-Pena, X., Garcia-Zepeda, E. A., Soldevila, G. & Meza, I. (2014). Jak3 enables chemokine-dependent actin cytoskeleton reorganization by regulating cofilin and rac/rhoa GTPases activation. [PloS One](#), 9(2), e88014.
- 79 Ha, C. V., Leyva-Gonzalez, M. A., Osakabe, Y. et al. (2014). Positive Regulatory Role of Strigolactone in Plant Responses to Drought and Salt Stress. [Proceedings of the National Academy of Sciences of the United States of America](#), 111(2), 851-856.

- 80 Gasca, R. & Loman-Ramos, L. (2014). Biodiversity of Medusozoa (Cubozoa, Scyphozoa and Hydrozoa) in Mexico. [Revista Mexicana De Biodiversidad](#), 85, S154-S163.
- 81 Becerril, M., Silva-Lopez, H., Guillen-Cervantes, A. & Zelaya-Angel, O. (2014). Aluminum-Doped Zno Polycrystalline Films Prepared by Co-Sputtering of a Zno-Al Target. [Revista Mexicana De Fisica](#), 60(1), 27-31.
- 82 Camargo-Martinez, J. A., Espitia, D. & Baquero, R. (2014). First-Principles Study of Electronic Structure of Bi₂sr₂ca₂cu₃o₁₀. [Revista Mexicana De Fisica](#), 60(1), 39-45.
- 83 Guevara-Pantoja, F. J., Gomez-Galvan, F., Cipriano, I. E., Mercado-Uribe, H. & Ruiz-Suarez, J. C. (2014). Microrheology and electrical conductivity of a dilute PNIPAM suspension. [Rheologica Acta](#), 53(2), 159-164.
- 84 Aguilar-Lopez, R., Martinez-Guerra, R. & Mata-Machuca, J. L. (2014). Multisynchronization of Chaotic Oscillators Via Nonlinear Observer Approach. [Scientific World Journal](#), 2014, 935163.
- 85 Collazo-Reyes, F. (2014). Growth of the Number of Indexed Journals of Latin America and the Caribbean: the Effect on the Impact of Each Country. [Scientometrics](#), 98(1), 197-209.
- 86 Acosta-Cota, S. J., Sanchez-Lopez, A., Molina-Munoz, T., Gomez-Viquez, N. L. & Centurion, D. (2014). Evidence that chronic administration of 17Beta-oestradiol decreases the vasopressor responses to adrenergic system stimulation in streptozotocin-diabetic female rats. [Steroids](#), 83, 1-9.
- 87 Soto-Castro, D., Magana-Vergara, N. E., Farfan, N. & Santillan, R. (2014). Synthesis of steroidal dendrimers modified by 'click' chemistry with PAMAM dendrons as unimolecular micelles. [Tetrahedron Letters](#), 55(5), 1014-1019.
- 88 Lopez-Vera, E. E., Nelson, S., Singh, R. P. et al. (2014). Resistance to Stem Rust Ug99 in Six Bread Wheat Cultivars Maps to Chromosome 6ds. [Theoretical and Applied Genetics](#), 127(1), 231-239.
- 89 Hernandez-Valdes, A., Zarate, R. A., Martinez, A. I., Pech-Canul, M. I., Garcia-Lobato, M. A. & Villaroel, R. (2014). The role of solvents on the physical properties of sprayed iron oxide films. [Vacuum](#), 105, 26-32.

**[ARTÍCULOS_B] – ARTÍCULOS PUBLICADOS EN EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS
(INCLUÍDO EL ÍNDICE DE REVISTAS MEXICANAS DE INVESTIGACIÓN CIENTÍFICA Y TECNOLÓGICA)**

- 90 Cisneros-Mejorado, A., Hernandez-Soberanis, L., Islas-Carbajal, M. C. & Sanchez, D. (2014). Capacitation and Ca²⁺ Influx in Spermatozoa: Role of Cng Channels and Protein Kinase G. [Andrology](#), 2(1), 145-154.

- 91 Meza-Rocha, A. N., Zaleta-Alejandro, E., Cabanas-Moreno, J. G., Gallardo-Hernandez, S., Rivera-Alvarez, Z., Aguilar-Frutis, M. & Falcony, C. (2014). Characterization of lanthanum-aluminum oxide thin films deposited by spray pyrolysis. [ECS Journal of Solid State Science and Technology](#), 3(2), N1-N6.
- 92 Albor-Aguilera, M. L., Flores-Marquez, J. M., Gonzalez-Trujillo, M. A., Matsumoto-Kuwahara, Y., Rueda-Morales, G. & Vigil-Galan, O. (2014). Influence of CdS Thin Films Growth Related with the Substrate Properties and Conditions Used on CBD Technique. [Energy Procedia](#), 44, 111-117.
- 93 Gutierrez, R. M. P., Ahuatzi, D. M., Horcacitas, M. D. C., Baez, E. G., Victoria, T. C. & Mota-Flores, J. M. (2014). Ameliorative Effect of Hexane Extract of Phalaris Canariensis on High Fat Diet-Induced Obese and Streptozotocin-Induced Diabetic Mice. [Evidence-Based Complementary and Alternative Medicine](#), 2014, 145901.
- 94 Hernandez-Almanza, A., Montanez, J. C., Aguilar-Gonzalez, M. A., Martinez-Avila, C., Rodriguez-Herrera, R. & Aguilar, C. N. (2014). Rhodotorula glutinis as source of pigments and metabolites for food industry. [Food Bioscience](#), 5, 64-72.
- 95 Datta-Banik, S. (2014). Inbreeding effects on palmar dermatoglyphic characters in three endogamous social groups of West Bengal, India. [Homo-Journal of Comparative Human Biology](#), 65(1), 75-83.
- 96 Lopez-Sauri, D. A., Veleva, L. & Perez, G. (2014). Analysis of nonlinear galvanostatic oscillations in Ag-Cd alloys electrodeposition. [International Journal of Electrochemical Science](#), 9(3), 1102-1116.
- 97 Quiroz-Gonzalez, S., Segura-Alegria, B., Guadarrama-Olmos, J. C. & Jimenez-Estrada, I. (2014). Cord dorsum potentials evoked by electroacupuncture applied to the hind limbs of rats. [Journal of Acupuncture and Meridian Studies](#), 7(1), 25-32.
- 98 Elyukhin, V. A. (2014). The (0001)A surface phase diagram. [Physica Status Solidi C: Current Topics in Solid State Physics](#), 11(2), 244-248.

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

- 99 Heil, M., Barajas-Barron, A., Orona-Tamayo, D., Wielsch, N. & Svatos, A. (2014). Partner Manipulation Stabilises a Horizontally Transmitted Mutualism. [Ecology Letters](#), 17(2), 185-192.

- 100 Gonzalez-Mariscal, G., Gonzalez-Flores, O. & Komisaruk, B. R. (2014). In Memoriam: Carlos Beyer, Ph.d. (Mexico City, February 25, 1934-Mexico City, October 22, 2013). [Hormones and Behavior](#), 65(1), 40-41.

- 101 Estrada-Alvarez, C. D., Lopez-Sanchez, E., Perez-Angel, G., Gonzalez-Mozuelos, P., Mendez-Alcaraz, J. M. & Castaneda-Priego, R. (2014). Note: Depletion Potentials in Non-Additive Asymmetric Binary Mixtures of Hard-Spheres. [Journal of Chemical Physics](#), 140(2), 026101.

102 Sanchez-Cabrera, G., Zuno-Cruz, F. J., Lopez-Ruiz, H., Rosales-Hoz, M. J., Leyva, M. A. & Rodriguez, J. A. (2014). The Synthesis and Structural Characterization of C-3 Symmetry "Star-Like" Cluster [{Os-3(Mu-H)(Co)(10)}(3){1,3,5-(Mu-Sch2)(3)C6h3}]. *Journal of Organometallic Chemistry*, 751, 826-829.

103 Lesage, J. J. & Lopez-Mellado, E. (2014). Special section on the IFAC Workshop on Discrete Event Systems-WODES'12. *Nonlinear Analysis-Hybrid Systems*, 12, 2.

104 Cortes-Malagon, E. M., Bonilla-Delgado, J., Diaz-Chavez, J. et al. (2014). Corrigendum to "Gene expression profile regulated by the HPV16 E7 oncoprotein and estradiol in cervical tissue" [Virology 447 (2013) 155-165]. *Virology*, 450-451, 1.

ARTÍCULOS G1 – RESÚMENES PUBLICADOS EN REVISTAS

105 Favela-Rosales, F., Carbajal-Tinoco, M. D. & Ortega-Blake, I. (2014). Liquid-Ordered Phase Formation in Cholesterol-Popc Bilayers: All-Atom Molecular Dynamics Simulations. *Biophysical Journal*, 106(2, Supplement 1), 80a.

106 Villada-Balbuena, M., Taxilaga-Zetina, O. & Carbajal-Tinoco, M. D. (2014). Predicting the 3D Secondary Structure of RNA Molecules. *Biophysical Journal*, 106(2, Supplement 1), 283a.

107 Miranda-Saturnino, M. J., De Alba-Aguayo, D. R., Mercado-Morales, M., Guerrero-Hernandez, A. & Rueda, A. (2014). Increased Serca Pump Expression is Associated with Slow Termination of Calcium Sparks and Delayed Local Recovery in Vascular Smooth Muscle Cells of Hyperthyroid Rats. *Biophysical Journal*, 106(2, Supplement 1), 321a.

108 Jimenez-Vazquez, E. N., Arias, J. M. & Garcia, U. (2014). Molecular Cloning of a GABA Receptor Subunit from Crayfish and Voltage-Clamp Analysis of Homo-Oligomeric Receptor Expressed in Hek Cells. *Biophysical Journal*, 106(2, Supplement 1), 547a.

109 Cuaxospa, M., Fiorentino, R. & Garcia, U. (2014). Acute Effects of Beta-Amyloid (1-42) Oligomers on Rat Pyramidal Entorhinal Neurons. *Biophysical Journal*, 106(2, Supplement 1), 548a.

110 Sierra-Valdez, F. J. & Ruiz-Suarez, J. C. (2014). Physical Aspects of the Cut-Off Effect of N-Alcohols in Pure Lipid Membranes. *Biophysical Journal*, 106(2, Supplement 1), 702a.

*111 Cruz-Hurtado, M., Lopez-Gonzalez, M. L., Escobar-Wilches, D. C. & Sierra-Santoyo, A. (2014). Urinary Metabolic Pattern of Vinclozolin in Adult Male Rat. *Drug Metabolism Reviews*, 45, 52-53.

*112 Torres, N. A., Acosta, L., Luna, A. L. & Calderon, E. S. (2014). Effect of P, P-Dde on Proliferation and Differentiation of Promyelocytic Cells HL-60. *Drug Metabolism Reviews*, 45, 235.

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

- 113 Sanchez-Cabrera, G., Zuno-Cruz, F. J. & Rosales-Hoz, M. J. (2014). Reactivity of Alkyne-Substituted Transition Metal Clusters: an Overview. [Journal of Cluster Science](#), 25(1), 51-82.
- 114 Gonzalez-Arenas, A., Pina-Medina, A. G., Gonzalez-Flores, O., Galvan-Rosas, A., Gomora-Arrati, P. & Camacho-Arroyo, I. (2014). Sex Hormones and Expression Pattern of Cytoskeletal Proteins in the Rat Brain Throughout Pregnancy. [Journal of Steroid Biochemistry and Molecular Biology](#), 139, 154-158.
- 115 Luque-Contreras, D., Carvajal, K., Toral-Rios, D., Franco-Bocanegra, D. & Campos-Pena, V. (2014). Oxidative Stress and Metabolic Syndrome: Cause or Consequence of Alzheimer's Disease? [Oxidative Medicine and Cellular Longevity](#), 2014, 497802.
- 116 Guzman, P. (2014). Atls and Btls, Plant-Specific and General Eukaryotic Structurally-Related E3 Ubiquitin Ligases. [Plant Science](#), 215, 69-75.

ARTÍCULOS DEL MES DE MARZO DE 2014

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

- 1 Franco-Robles, E., Campos-Cervantes, A., Murillo-Ortiz, B. O., Segovia, J., Lopez-Briones, S., Vergara, P., Perez-Vazquez, V., Solis-Ortiz, M. S. & Ramirez-Emiliano, J. (2014). Effects of Curcumin on Brain-Derived Neurotrophic Factor Levels and Oxidative Damage in Obesity and Diabetes. [Applied Physiology Nutrition and Metabolism-Physiologie Appliquee Nutrition Et Metabolisme](#), 39(2), 211-218.
- 2 Monroy-Garcia, A., Gomez-Lim, M. A., Weiss-Steider, B., Hernandez-Montes, J., Huerta-Yepez, S., Rangel-Santiago, J. F., Santiago-Osorio, E. & Garcia, M. D. M. (2014). Immunization With an Hpv-16 L1-Based Chimeric Virus-Like Particle Containing Hpv-16 E6 and E7 Epitopes Elicits Long-Lasting Prophylactic and Therapeutic Efficacy in an Hpv-16 Tumor Mice Model. [Archives of Virology](#), 159(2), 291-305.
- 3 Alho, M. A. M., Marrero-Ponce, Y., Barigye, S. J. et al. (2014). Antiprotozoan Lead Discovery by Aligning Dry and Wet Screening: Prediction, Synthesis, and Biological Assay of Novel Quinoxalinones. [Bioorganic & Medicinal Chemistry](#), 22(5), 1568-1585.
- 4 Zoidis, G., Sandoval, A., Pineda-Farias, J. B., Granados-Soto, V. & Felix, R. (2014). Anti-allodynic effect of 2-(aminomethyl)adamantane-1-carboxylic acid in a rat model of neuropathic pain: A mechanism dependent on CaV2.2 channel inhibition. [Bioorganic & Medicinal Chemistry](#), 22(6), 1797-1803.
- 5 Alatorre-Cobos, F., Calderon-Vazquez, C., Ibarra-Laclette, E. et al. (2014). An improved, low-cost, hydroponic system for growing Arabidopsis and other plant species under aseptic conditions. [BMC Plant Biology](#), 14(1), 69.
- 6 Muniz-Ramirez, A., Perez-Gutierrez, R. M., Garcia-Baez, E. & Mota-Flores, J. M. (2014). Antimicrobial Activities of Diterpene Labdane From Seeds of Byrsonima Crassifolia. [Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas](#), 13(1), 31-37.
- 7 Salazar-Cavazos, E. & Santillan, M. (2014). Optimal Performance of the Tryptophan Operon of E-Coli: a Stochastic, Dynamical, Mathematical-Modeling Approach. [Bulletin of Mathematical Biology](#), 76(2), 314-334.
- 8 Suarez, A. & Matos, T. (2014). Bose-Einstein Condensate Dark Matter Phase Transition From Finite Temperature Symmetry Breaking of Klein-Gordon Fields. [Classical and Quantum Gravity](#), 31(4), 045015.
- 9 Alvarez-Pena, C. & Porter, R. (2014). Contrageneric Functions of Three Variables. [Complex Analysis and Operator Theory](#), 8(2), 409-427.
- 10 Aichholzer, O., Fabila-Monroy, R., Gonzalez-Aguilar, H., Hackl, T., Heredia, M. A., Huemer, C., Urrutia, J. & Vogtenhuber, B. (2014). 4-Holes in point sets. [Computational Geometry](#), 47(6), 644-650.

- 11 Sanchez, C. A. V., Espana, H. P., Madrid, R. R., Montreal, D. S. & Gonzalez, J. E. A. (2014). Subtle Genetic Connectivity Between Mexican Caribbean and South-Western Gulf of Mexico Reefs: the Case of the Bicolor Damselfish, *Stegastes Partitus*. *Coral Reefs*, 33(1), 241-251.
- 12 Sarria-Guzman, Y., Lopez-Ramirez, M. P., Chavez-Romero, Y., Ruiz-Romero, E., Dendooven, L. & Bello-Lopez, J. M. (2014). Identification of Antibiotic Resistance Cassettes in Class 1 Integrons in *Aeromonas* spp. Strains Isolated From Fresh Fish (*Cyprinus carpio* L.). *Current Microbiology*, 68(5), 581-586.
- 13 Lopez, H. H., Renteria-Marquez, C. & Villarreal, R. H. (2014). Affine Cartesian Codes. *Designs Codes and Cryptography*, 71(1), 5-19.
- 14 Aichholzer, O., Fabila-Monroy, R., Hackl, T., Huemer, C. & Urrutia, J. (2014). Empty Monochromatic Simplices. *Discrete & Computational Geometry*, 51(2), 362-393.
- 15 Healy, L. & Sacristan, A. I. (2014). Towards an Understanding of the Shaping of Research Outcomes by Contextual Issues: Reflections on the Contributions of the Remath Project. *Educational Studies in Mathematics*, 85(3), 423-435.
- 16 Messina, A. R., Reyes, N., Moreno, I. & Perez, M. A. (2014). A Statistical Data-Fusion-Based Framework for Wide-Area Oscillation Monitoring. *Electric Power Components and Systems*, 42(3-4), 396-407.
- 17 Medina, M. A., Das, S., Coello-Coello, C. A. & Ramirez, J. M. (2014). Decomposition-based modern metaheuristic algorithms for multi-objective optimal power flow - A comparative study. *Engineering Applications of Artificial Intelligence*, 32, 10-20.
- 18 Guzman-Trampe, J. E., Cruz-Cortes, N., Dominguez-Perez, L. J., Ortiz-Arroyo, D. & Rodriguez-Henriquez, F. (2014). Low-cost addition-subtraction sequences for the final exponentiation in pairings. *Finite Fields and Their Applications*, 29, 1-17.
- 19 Salazar, R., Arambula-Villa, G., Hidalgo, F. J. & Zamora, R. (2014). Structural Characteristics That Determine the Inhibitory Role of Phenolic Compounds on 2-Amino-1-Methyl-6-Phenylimidazo[4,5-B]Pyridine (Phip) Formation. *Food Chemistry*, 151, 480-486.
- 20 Delgadillo, D., Barbier, O., Sierra, G. & Reyes, J. L. (2014). Retinoic acid improves recovery after nephrectomy and decreases renal TGF-Beta1 expression. Gender-related effects. *Fundamental & Clinical Pharmacology*, 28(2), 170-179.
- 21 Gonorea, M. E., Charette, M. A., Liu, Q., Herrera-Silveira, J. A. & Morales-Ojeda, S. M. (2014). Trace element geochemistry of groundwater in a karst subterranean estuary (Yucatan Peninsula, Mexico). *Geochimica Et Cosmochimica Acta*, 132, 31-49.
- 22 Gorokhovsky, A. V., Kulakov, V. A., Escalante-Garcia, J. I. & Shcherbakova, N. N. (2014). Technical Ceramic Based on Mixtures of Potassium Polytitanate and Titanium Oxide. *Glass and Ceramics*, 70(9-10), 382-384.

- 23 Cunha, L., Montiel, R., Novo, M., Orozco-Terwengel, P., Rodrigues, A., Morgan, A. J. & Kille, P. (2014). Living on a Volcano's Edge: Genetic Isolation of an Extremophile Terrestrial Metazoan, *Heredity*, 112(2), 132-142.
- 24 Castellanos-Lopez, S. L., Cruz-Perez, F. A., Rivero-Angeles, M. E. & Hernandez-Valdez, G. (2014). Joint Connection Level and Packet Level Analysis of Cognitive Radio Networks With Voip Traffic. *Ieee Journal on Selected Areas in Communications*, 32(3), 601-14.
- 25 Rosales, E. B. O. & Ibarra, F. S. (2014). A 100hz Low-Pass 2 Nd Order Sallen-and-Key Active Filter: a Design Proposal. *Ieee Latin America Transactions*, 12(2), 73-7.
- 26 Moreno-Ahedo, L., Collado, J. & Vazquez, C. (2014). Parametric Resonance Cancellation Via Reshaping Stability Regions: Numerical and Experimental Results. *Ieee Transactions on Control Systems Technology*, 22(2), 753-760.
- 27 Castro-Carranza, A., Estrada, M., Cerdeira, A., Nolasco, J. C., Sanchez, J., Marsal, L. F., Iniguez, B. & Pallares, J. (2014). Compact Capacitance Model for Offts at Low and Medium Frequencies. *Ieee Transactions on Electron Devices*, 61(2), 638-642.
- 28 Mukhopadhyay, A., Maulik, U., Bandyopadhyay, S. & Coello, C. A. C. (2014). A Survey of Multiobjective Evolutionary Algorithms for Data Mining: Part I. *Ieee Transactions on Evolutionary Computation*, 18(1), 4-19.
- 29 Mukhopadhyay, A., Maulik, U., Bandyopadhyay, S. & Coello, C. A. C. (2014). Survey of Multiobjective Evolutionary Algorithms for Data Mining: Part II. *Ieee Transactions on Evolutionary Computation*, 18(1), 20-35.
- 30 Linares-Flores, J., Mendez, A. H., Garcia-Rodriguez, C. & Sira-Ramirez, H. (2014). Robust Nonlinear Adaptive Control of a "Boost" Converter Via Algebraic Parameter Identification. *Ieee Transactions on Industrial Electronics*, 61(8), 4105-4114.
- 31 Torres-Huitzil, C. (2014). Fast Hardware Architecture for Grey-Level Image Morphology With Flat Structuring Elements. *Iet Image Processing*, 8(2), 112-121.
- 32 Lopez-Jaimes, A., Coello-Coello, C. A., Aguirre, H. & Tanaka, K. (2014). Objective space partitioning using conflict information for solving many-objective problems: New Sensing and Processing Technologies for Hand-based Biometrics Authentication. *Information Sciences*, 268, 305-327.
- 33 Bauer, W., Yanez, C. H. & Vasilevski, N. (2014). Eigenvalue Characterization of Radial Operators on Weighted Bergman Spaces Over the Unit Ball. *Integral Equations and Operator Theory*, 78(2), 271-300.
- 34 Gomez-Ortiz, N. M., Gonzalez-Gomez, W. S., De la Rosa-Garcia, S. C., Oskam, G., Quintana, P., Soria-Castro, M., Gomez-Cornelio, S. & Ortega-Morales, B. O. (2014). Antifungal activity of $\text{Ca}[\text{Zn(OH)}_3]_2 + 2\text{H}_2\text{O}$ coatings for the preservation of limestone monuments: An in vitro study. *International Biodeterioration & Biodegradation*, 91, 1-8.

35 Suarez-Alcantara, K., Martinez-Casillas, D. C., Zheng, K. B., Zhu, Q., Abdellah, M., Haase, D., Pullerits, T., Solorza-Feria, O. & Canton, S. E. (2014). SEM and XAS characterization at beginning of life of Pd-based cathode electrocatalysts in PEM fuel cells. [International Journal of Hydrogen Energy](#), 39(10), 5358-5370.

*36 Carbajal-Gomez, V. H., Tlelo-Cuautle, E., Fernandez, F. V., De La Fraga, L. G. & Sanchez-Lopez, C. (2014). Maximizing Lyapunov Exponents in a Chaotic Oscillator by Applying Differential Evolution. [International Journal of Nonlinear Sciences and Numerical Simulation](#), 15(1), 11-17.

37 Martinez-Roldan, A. J., Perales-Vela, H. V., Canizares-Villanueva, R. O. & Torzillo, G. (2014). Physiological Response of Nannochloropsis Sp to Saline Stress in Laboratory Batch Cultures. [Journal of Applied Phycology](#), 26(1), 115-121.

38 Gonzalez-Ramirez, R., Martinez-Hernandez, E., Sandoval, A. & Felix, R. (2014). Transcription Factor Sp1 Regulates T-Type Ca²⁺ Channel Ca(V)3.1 Gene Expression. [Journal of Cellular Physiology](#), 229(5), 551-560.

39 Lang, M., Richmond, M. P., Acurio, A. E., Markow, T. A. & Orgogozo, V. (2014). Radiation of the Drosophila Nannoptera Species Group in Mexico. [Journal of Evolutionary Biology](#), 27(3), 575-584.

40 Abelev, B., Adam, J., Adamova, D. et al. (2014). Measurement of Charged Jet Suppression in Pb-Pb Collisions at Radics Nn = 2.76 Tev. [Journal of High Energy Physics](#), (3), 013.

41 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Studies of Azimuthal Dihadron Correlations in Ultra-Central Pbpb Collisions at=2.76 Tev. [Journal of High Energy Physics](#), (2), 88.

42 Abelev, B., Adam, J., Adamova, D. et al. (2014). J/Psi Production and Nuclear Effects in P-Pb Collisions at=5.02 Tev. [Journal of High Energy Physics](#), (2), 073.

43 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Measurement of the T(T)Over-Bar Production Cross Section in the Dilepton Channel in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (2), 024.

44 Bicer, M., Yildiz, H. D., Yildiz, I. et al. (2014). First Look at the Physics Case of Tlep. [Journal of High Energy Physics](#), (1), 164.

45 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Measurement of Higgs Boson Production and Properties in the Ww Decay Channel With Leptonic Final States. [Journal of High Energy Physics](#), (1), 096.

46 Garibay-Cerdenares, O. L., Hernandez-Ramirez, V. I., Osorio-Trujillo, J. C., Hernandez-Ortiz, M., Gallardo-Rincon, D., Cantu-De Leon, D., Encarnacion-Guevara, S., Villegas-Pineda, J. C. & Talamas-Rohana, P. (2014). Proteomic identification of fucosylated haptoglobin alpha isoforms in ascitic fluids and its localization in ovarian carcinoma tissues from Mexican patients. [Journal of Ovarian Research](#), 7(1), 27.

- 47 Rabone, J., Lopez-Honorato, E. & Van Uffelent, P. (2014). Silver and Cesium Diffusion Dynamics at the Beta-Sic Sigma 5 Grain Boundary Investigated With Density Functional Theory Molecular Dynamics and Metadynamics. [Journal of Physical Chemistry A](#), 118(5), 915-926.
- 48 Lima-Mendoza, L. A., Colado-Velazquez, J., Mailloux-Salinas, P., Espinosa-Juarez, J. V., Gomez-Viquez, N. L., Molina-Munoz, T., Huang, F. & Bravo, G. (2014). Vascular damage in obese female rats with hypoestrogenism. [Journal of Physiology and Biochemistry](#), 70(1), 81-91.
- 49 Bohm, A., Bui, H. V. & Kielanowski, P. (2014). Boundary Conditions for the Dynamical Equations of Quantum Mechanics. [Journal of Russian Laser Research](#), 35(1), 14-26.
- 50 Garcia-Saravia Ortiz de Montellano, A. & Mustre de Leon, J. (2014). Characterization of an Electronic Excitation on a Peierls-Hubbard Hamiltonian for a Small Cluster. [Journal of Superconductivity and Novel Magnetism](#), 27(4), 991-994.
- 51 Mulato-Gomez, D. F., Mustre de Leon, J. & Saini, N. L. (2014). Inhomogeneous Electronic Structure of FeTe_{1-x}Sex Revealed by X-ray Absorption Near Edge Structure. [Journal of Superconductivity and Novel Magnetism](#), 27(4), 1035-1040.
- 52 Lopez, H. H. & Villarreal, R. H. (2014). Computing the degree of a lattice ideal of dimension one. [Journal of Symbolic Computation](#), 65, 15-28.
- 53 Azhmyakov, V., Polyakov, A. & Poznyak, A. (2014). Consistent approximations and variational description of some classes of sliding mode control processes. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 351(4), 1964-1981.
- 54 Vazquez, C., Collado, J. & Fridman, L. (2014). Super twisting control of a parametrically excited overhead crane. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 351(4), 2283-2298.
- 55 Alanis, A. Y., Sanchez, E. N. & Loukianov, A. G. (2014). Real-time output trajectory tracking neural sliding mode controller for induction motors. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 351(4), 2315-2334.
- 56 Salazar, R., Arambula-Villa, G., Luna-Barcenas, G., Figueroa-Cardenas, J. D., Azuara, E. & Vazquez-Landaverde, P. A. (2014). Effect of Added Calcium Hydroxide During Corn Nixtamalization on Acrylamide Content in Tortilla Chips. [Lwt-Food Science and Technology](#), 56(1), 87-92.
- 57 Chavez-Urbiola, I. R., Chavez-Urbiola, E. A., Ochoa-Landin, R., Castillo, S. J., Vorobiev, Y. V. & Ramirez-Bon, R. (2014). Cadmium Selenide Film Through Ammonia Free Thermal Substitution Reaction on Cadmium Oxide Hydroxide Films by Chemical Vapor Deposition. [Materials Letters](#), 116, 254-257.
- 58 Garcia-Pastor, F. A., Jiang, H., Hu, D., Wu, X. H., Withers, P. J. & Preuss, M. (2014). In Situ Synchrotron Studies of Reversible and Irreversible Non-Elastic Strain in a Two-Phase Tial Alloy. [Metallurgical and Materials Transactions A-Physical Metallurgy and Materials Science](#), 45A(2), 607-618.

- 59 Parillo, F., Zerani, M., Maranesi, M., Dall'aglio, C., Galeati, G., Brecchia, G., Boiti, C. & Gonzalez-Mariscal, G. (2014). Ovarian Hormones and Fasting Differentially Regulate Pituitary Receptors for Estrogen and Gonadotropin-Releasing Hormone in Rabbit Female. [Microscopy Research and Technique](#), 77(3), 201-210.
- 60 Villanueva-Toledo, J., Ponciano-Gomez, A., Ortiz-Sanchez, E. & Garrido, E. (2014). Side populations from cervical-cancer-derived cell lines have stem-cell-like properties. [Molecular Biology Reports](#), 41(4), 1993-2004.
- *61 Nam, J. W., Rissland, O. S., Koppstein, D., Abreu-Goodger, C., Jan, C. H., Agarwal, V., Yildirim, M. A., Rodriguez, A. & Bartel, D. P. (2014). Global Analyses of the Effect of Different Cellular Contexts on MicroRNA Targeting. [Molecular Cell](#), 53(6), 1031-1043.
- *62 Munoz, M. A., Arriagada, S. & Joseph-Nathan, P. (2014). Chiral Resolution and Absolute Configuration of 3 Alpha,6 Beta-Dicinnamoyloxytropane and 3 Alpha,6 Beta-Di(1-Ethyl-1h-Pyrrol-2-Ylcarbonyloxy)Tropane, Constituents of Erythroxylum Species. [Natural Product Communications](#), 9(1), 27-30.
- 63 Mondragon-Rodriguez, S., Perry, G., Luna-Munoz, J., Acevedo-Aquino, M. C. & Williams, S. (2014). Phosphorylation of Tau Protein at Sites Ser(396-404) Is One of the Earliest Events in Alzheimer's Disease and Down Syndrome. [Neuropathology and Applied Neurobiology](#), 40(2), 121-135.
- 64 Cuellar, C. A., Trejo, A., Linares, P., Delgado-Lezama, R., Jimenez-Estrada, I., Abyazova, L. M., Baltina, T. V. & Manjarrez, E. (2014). Spinal neurons bursting in phase with fictive scratching are not related to spontaneous cord dorsum potentials. [Neuroscience](#), 266, 66-79.
- 65 Buijs, F. N., Cazarez, F., Basualdo, M. C., Scheer, F. A. J. L., Perusquia, M., Centurion, D. & Buijs, R. M. (2014). The suprachiasmatic nucleus is part of a neural feedback circuit adapting blood pressure response. [Neuroscience](#), 266, 197-207.
- 66 Aguayo-Lara, E., Ramirez-Trevino, A. & Ruiz-Leon, J. (2014). Sensor Placement for Distinguishability and Single Structure Observer Design in Continuous Timed Petri Nets. [Nonlinear Analysis-Hybrid Systems](#), 12, 20-32.
- 67 Zuniga-Segundo, A., Rodriguez-Lara, B. M., Fernandez, D. J. & Moya-Cessa, H. M. (2014). Jacobi Photonic Lattices and Their Susy Partners. [Optics Express](#), 22(1), 987-994.
- 68 Navarro-Yepes, J., Zavala-Flores, L., Anandhan, A. et al. (2014). Antioxidant gene therapy against neuronal cell death. [Pharmacology & Therapeutics](#), 142(2), 206-230.
- 69 Munoz-Islas, E., Vidal-Cantu, G. C., Bravo-Hernandez, M., Cervantes-Duran, C., Quinonez-Bastidas, G. N., Pineda-Farias, J. B., Barragan-Iglesias, P. & Granados-Soto, V. (2014). Spinal 5-HT5A receptors mediate 5-HT-induced antinociception in several pain models in rats. [Pharmacology Biochemistry and Behavior](#), 120, 25-32.

- 70 Mandujano-Ramirez, H. J., Gonzalez-Vazquez, J. P., Oskam, G., Dittrich, T., Garcia-Belmonte, G., Mora-Sero, I., Bisquert, J. & Anta, J. A. (2014). Charge Separation at Disordered Semiconductor Heterojunctions From Random Walk Numerical Simulations. [Physical Chemistry Chemical Physics](#), 16(9), 4082-4091.
- 71 Cordourier-Maruri, G., Omar, Y., De Coss, R. & Bose, S. (2014). Graphene-Enabled Low-Control Quantum Gates Between Static and Mobile Spins. [Physical Review B](#), 89(7), 075426.
- 72 Montiel, A., Lazkoz, R., Sendra, I., Escamilla-Rivera, C. & Salzano, V. (2014). Nonparametric Reconstruction of the Cosmic Expansion With Local Regression Smoothing and Simulation Extrapolation. [Physical Review D](#), 89(4), 043007.
- 73 Gutierrez-Rodriguez, A., Honorato, C. G., Montano, J. & Perez, M. A. (2014). Limits on the Quartic Couplings Z Gamma Gamma Gamma and Zz Gamma Gamma Gamma From E(+)-E(-) Colliders. [Physical Review D](#), 89(3), 034003.
- 74 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2014). Measurement of the W Boson Mass With the D0 Detector. [Physical Review D](#), 89(1), 012005.
- 75 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2014). Study of Cp-Violating Charge Asymmetries of Single Muons and Like-Sign Dimuons in P(P)Over-Bar Collisions. [Physical Review D](#), 89(1), 012002.
- 76 Angulo-Sherman, A. & Mercado-Uribe, H. (2014). Water under inner pressure: a dielectric spectroscopy study. [Physical Review E](#), 89(2), 022406.
- 77 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2014). Measurement of Associated Production of Z Bosons With Charm Quark Jets in P(P)Over-Bar Collisions at Root S = 1.96 Tev. [Physical Review Letters](#), 112(4), 042001.
- 78 Abelev, B., Adam, J., Adamova, D. et al. (2014). Multiplicity Dependence of Pion, Kaon, Proton and Lambda Production in P-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), 728, 25-38.
- 79 Abelev, B., Adam, J., Adamova, D. et al. (2014). Multi-Strange Baryon Production at Mid-Rapidity in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 728, 216-227.
- 80 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Determination of the Top-Quark Pole Mass and Strong Coupling Constant From the T(T)Over-Bar Production Cross Section in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 728, 496-517.
- 81 Aguilar-Hernandez, V. & Guzman, P. (2014). The Fate of Tandemly Duplicated Genes Assessed by the Expression Analysis of a Group of Arabidopsis Thaliana Ring-H2 Ubiquitin Ligase Genes of the Atl Family. [Plant Molecular Biology](#), 84(4-5), 429-441.
- 82 Parra-Cota, F. I., Pena-Cabriales, J. J., De Los Santos-Villalobos, S., Martinez-Gallardo, N. A. & Delano-Frier, J. P. (2014). Burkholderia Ambifaria and B. Caribensis Promote Growth and Increase Yield in Grain Amaranth (Amaranthus Cruentus and a-Hypochondriacus) by Improving Plant Nitrogen Uptake. [Plos One](#), 9(2), e88094.

- 83 Vasquez-Limeta, A., Ortega, A., Cisneros, B., Wagstaff, K. M., Jans, D. A. & Crouch, D. H. (2014). Nuclear Import of Beta-Dystroglycan Is Facilitated by Ezrin-Mediated Cytoskeleton Reorganization. [PloS One](#), 9(3), e90629.
- *84 Vite-Garin, T., Estrada-Barcenas, D. A., Cifuentes, J. & Taylor, M. L. (2014). The Importance of Molecular Analyses for Understanding the Genetic Diversity of *Histoplasma capsulatum*: an Overview. [Revista Iberoamericana De Micologia](#), 31(1), 11-15.
- *85 Estrada-Barcenas, D. A., Vite-Garin, T., Navarro-Barranco, H. et al. (2014). Genetic Diversity of *Histoplasma* and *Sporothrix* Complexes Based on Sequences of Their ITS1-5.8S-ITS2 Regions From the Bold System. [Revista Iberoamericana De Micologia](#), 31(1), 90-94.
- 86 Soto, J. R., Molina, B. & Castro, J. J. (2014). Nonadiabatic Structure Instability of Planar Hexagonal Gold Cluster Cation Au-7 and Its Spectral Signature. [Rsc Advances](#), 4(16), 8157-8164.
- 87 Dominguez-Mendoza, C. A., Bello-Lopez, J. M., Navarro-Noya, Y. E. et al. (2014). Bacterial community structure in fumigated soil. [Soil Biology and Biochemistry](#), 73, 122-129.
- 88 Balderrama, V. S., Estrada, M., Han, P. L., Granero, P., Pallares, J., Ferre-Borrull, J. & Marsal, L. F. (2014). Degradation of electrical properties of PTB1:PCBM solar cells under different environments. [Solar Energy Materials and Solar Cells](#), 125, 155-163.
- 89 Arvizu, M. A., Triana, C. A., Stefanov, B. I., Granqvist, C. G. & Niklasson, G. A. (2014). Electrochromism in sputter-deposited W-Ti oxide films: Durability enhancement due to Ti. [Solar Energy Materials and Solar Cells](#), 125, 184-189.
- 90 Avila-Herrera, F., Cerdeira, A., Roldan, J. B., Sanchez-Moreno, P., Tienda-Luna, I. M. & Iniguez, B. (2014). Pseudo-Boltzmann model for modeling the junctionless transistors. [Solid-State Electronics](#), 95, 19-22.
- 91 Cerdeira, A., Avila, F., Iniguez, B., De Souza, M., Pavanello, M. A. & Estrada, M. (2014). Compact core model for Symmetric Double-Gate Junctionless Transistors. [Solid-State Electronics](#), 94, 91-97.
- 92 Elyukhin, V. A. (2014). Self-assembling of 1Sb4Mn magnetic clusters in GaAs:(Mn, Sb). [Superlattices and Microstructures](#), 70, 7-12.
- 93 Aceves-Mijares, M., Espinosa-Torres, N. D., Flores-Gracia, F. et al. (2014). Composition and emission characterization and computational simulation of silicon rich oxide films obtained by LPCVD. [Surface and Interface Analysis](#), 46(4), 216-223.
- 94 Kovalenko, Y. U., Gorev, N. B., Kodzheshirova, I. F., Prokhorov, E. & Trapaga, G. (2014). Convergence of a Hydraulic Solver With Pressure-Dependent Demands. [Water Resources Management](#), 28(4), 1013-31.

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

95 Faz-Hernandez, A., Longa, P. & Sanchez, A. H. (2014). Efficient and Secure Algorithms for Giv-Based Scalar Multiplication and Their Implementation on Giv-Gls Curves. [Lecture Notes in Computer Science](#), 8366, 1-27.

*96 Kumar-Krishnan, S., Prokhorov, E. & Luna-Barcenas, G. (2014). Molecular relaxation in Chitosan films in GHz frequency range. [MRS Online Proceedings Library](#), 1613, 1-6.

97 Cuvas, C., Ramirez, A., Egorov, A. & Mondie, S. (2014). Necessary stability conditions for one delay systems: a Lyapunov matrix approach. [Advances in Delays and Dynamics](#), 1, 3-16.

98 Diaz-Valle, A., Chavez-Calvillo, G. & Carrillo-Tripp, M. (2014). In silico binding free energy characterization of cowpea chlorotic mottle virus coat protein homodimer variantes. [Advances in Intelligent Systems and Computing](#), 232, 21-28.

99 Ramos-Guivar, J. A., Bustamante, A., Flores, J., Mejia-Santillan, M., Osorio, A. M., Martinez, A. I., De Los Santos-Valladares, L. & Barnes, C. H. W. (2014). Mossbauer Study of Intermediate Superparamagnetic Relaxation of Maghemite (Gamma-Fe 2o 3) Nanoparticles. [Hyperfine Interactions](#), 224(1-3), 89-97.

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

100 Aaron, F. D., Alexa, C., Andreev, V. et al. (2014). Determination of the Integrated Luminosity at Hera Using Elastic Qed Compton Events (Vol 72, 2163, 2012). [European Physical Journal C](#), 74(2), 2733.

101 Bandyopadhyay, S., Maulik, U., Coello, C. A. C. & Pedrycz, W. (2014). Special Issue on Advances in Multiobjective Evolutionary Algorithms for Data Mining. [Ieee Transactions on Evolutionary Computation](#), 18(1), 1-3.

ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

102 Candanedo-Gonzalez, F., Cortes-Reynosa, P., Serna-Marquez, N., Villegas-Comonfort, S., Espinoza-Neira, R., Soto-Guzman, A. & Perez-Salzar, E. (2014). Progesterone Induces Nf-Kb Activation Through Pi3k/Akt-2 Signal Pathway Dependent of Heterotrimeric Gi/Go Proteins in Mcf-7 Breast Cancer. [Laboratory Investigation](#), 94, 458A.

103 Candanedo-Gonzalez, F., Cortes-Reynosa, P., Serna-Marquez, N., Villegas-Comonfort, S., Espinoza-Neira, R., Soto-Guzman, A. & Perez-Salzar, E. (2014). Progesterone Induces Nf-Kb Activation Through Pi3k/Akt-2 Signal Pathway Dependent of Heterotrimeric Gi/Go Proteins in Mcf-7 Breast Cancer. [Modern Pathology](#), 27, 458A.

104 Kouri., J. B. (2014). Cartilage mineralization and cell death within experimental osteoarthritis. *Osteoarthritis and Cartilage*, 22(S), S362.

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

105 Rodriguez-Campos, J., Dendooven, L., Alvarez-Bernal, D. & Contreras-Ramos, S. M. (2014). Potential of earthworms to accelerate removal of organic contaminants from soil: A review. *Applied Soil Ecology*, 79, 10-25.

106 Gutierrez-Escalon, A. L. (2014). Host-cell factors involved in the calicivirus replicative cycle. *Future Virology*, 9(2), 147-160.

107 Meraz-Rios, M. A., Franco-Bocanegra, D., Rios, D. T. & Campos-Pena, V. (2014). Early Onset Alzheimer's Disease and Oxidative Stress. *Oxidative Medicine and Cellular Longevity*, 2014, 375968.

