

## ARTÍCULOS DEL MES DE MARZO DE 2014

### **[ARTÍCULOS A]** - ARTÍCULOS PUBLICADOS EN EXTENSO 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-Yepe, 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). Contragenic 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., Monreal, 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 Gonnee, 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 Gorokhovskiy, 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 Otfts 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  $\text{Ca}[\text{Zn}(\text{OH})_3]_2 \cdot 2\text{H}_2\text{O}$  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 Ca<sup>2+</sup> Channel Ca(V)<sub>3.1</sub> 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  $\sqrt{s} = 2.76$  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  $\sqrt{s} = 2.76$  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  $\sqrt{s} = 5.02$  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  $\sqrt{s} = 8$  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<sub>1-x</sub>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-Dicinnamoyloxytropine and 3 Alpha,6 Beta-Di(1-Ethyl-1h-Pyrrol-2-Ylcarbonyloxy)Tropine, Constituents of Erythroxyllum 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  $Z\gamma\gamma\gamma$  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 C<sub>p</sub>-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 At1 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., Kodzheshpirova, 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 EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO 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 Glv-Based Scalar Multiplication and Their Implementation on Glv-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 ( $\gamma\text{-Fe}_2\text{O}_3$ ) 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-Escolano, 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.