

ARTÍCULOS DEL MES DE JULIO DE 2013

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

- 1 Carabarin-Lima, A., Gonzalez-Vazquez, M. C., Rodriguez-Morales, O., Baylon-Pacheco, L., Rosales-Encina, J. L., Reyes-Lopez, P. A. & Arce-Fonseca, M. (2013). Chagas Disease (American Trypanosomiasis) in Mexico: an Update. [Acta Tropica](#), 127(2), 126-135.
- 2 Genis-Mendoza, A. D., Gallegos-Silva, R. I., Lopez-Casamicha, M., Lopez-Rubalcava, C. & Nicolini, H. (2013). Perfiles de expresion genica de nucleo accumbens, corteza prefrontal e hipocampo en un modelo animal de esquizofrenia, [Actas Espanolas de Psiquiatria](#), 41(3), 154-163.
- 3 Villa-Ruano, N., Pacheco-Hernandez, Y., Lozoya-Gloria, E., Rubio-Rosas, E., Ruiz-Gonzalez, N., Martinez-Orea, Y., Cruz-Duran, R., Ramirez-Garcia, S. A. & Ramon-Canul, L. G. (2013). Lipophilic Constituents and Some Biological Activities of Hexanic Extracts From Zaluzania Montagnifolia, (Sch Bip.) Sch Bip. (Asteraceae). [Agrociencia](#), 47(4), 335-346.
- 4 Vega-Almeida, T. O., Salas-Benito, M., De Nova-Ocampo, M. A., Del Angel, R. M. & Salas-Benito, J. S. (2013). Surface Proteins of C6/36 Cells Involved in Dengue Virus 4 Binding and Entry. [Archives of Virology](#), 158(6), 1189-1207.
- 5 Muhire, B., Martin, D. P., Brown, J. K. et al. (2013). A Genome-Wide Pairwise-Identity-Based Proposal for the Classification of Viruses in the Genus Mastrevirus (Family Geminiviridae). [Archives of Virology](#), 158(6), 1411-1424.
- 6 Gonzalez, R., Chavez-Pascacio, K. & Meneses, A. (2013). Role of 5-HT5A receptors in the consolidation of memory. [Behavioural Brain Research](#), 252, 246-251.
- 7 Zaragoza-Martinez, C. C. & Gutierrez, D. (2013). Electro/magnetoencephalography beamforming with spatial restrictions based on sparsity. [Biomedical Signal Processing and Control](#), 8(6), 615-623.
- 8 Sanchez-Robles, M. J., Gamero-Melo, P. & Cortes-Hernandez, D. A. (2013). In vitro hydroxiapatite formation on the Ca doped surface of ZSM-5[Ga] type zeolite. [Ceramics International](#), 39(7), 7387-7390.
- 9 Garcia-Tavera, J. L., Valdes-Lozano, D., Poblete-Naredo, I., Albores-Medina, A. & Zapata-Perez, O. (2013). Bile Benzo[a]Pyrene Concentration and Hepatic Cyp1a Induction in Hypoxic Adult Tilapia (*Oreochromis Niloticus*). [Chemosphere](#), 92(1), 16-23.
- *10 Delgado-Lezama, R., Loeza-Alcocer, E., Andres, C., Aguilar, J., Guertin, P. A. & Felix, R. (2013). Extrasynaptic Gaba(a) Receptors in the Brainstem and Spinal Cord: Structure and Function. [Current Pharmaceutical Design](#), 19(24), 4485-4497.
- 11 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Supersymmetry in Pp Collisions at Root S=7 Tev in Events With a Single Lepton, Jets, and Missing Transverse Momentum. [European Physical Journal C](#), 73(5), 2404.

- 12 Martinez-Higuera, A., Salas-Casas, A., Calixto-Galvez, M., Chavez-Munguia, B., Perez-Ishiwara, D. G., Ximenez, C. & Rodriguez, M. A. (2013). Identification of calcium-transporting ATPases of *Entamoeba histolytica* and cellular localization of the putative SERCA. *Experimental Parasitology*, 135(1), 79-86.
- 13 Villalobos-Castaldi, F. M. & Suaste-Gomez, E. (2013). A New Spontaneous Pupillary Oscillation-Based Verification System. *Expert Systems with Applications*, 40(13), 5352-5362.
- 14 Sanchez-Mendoza, M. E., Rodriguez-Silverio, J., Rivero-Cruz, J. F., Rocha-Gonzalez, H. I., Pineda-Farias, J. B. & Arrieta, J. (2013). Antinociceptive Effect and Gastroprotective Mechanisms of 3,5-Diprenyl-4-Hydroxyacetophenone From *Ageratina Pichinchensis*. *Fitoterapia*, 87, 11-19.
- 15 Delaye, L., Garcia-Guzman, G. & Heil, M. (2013). Endophytes Versus Biotrophic and Necrotrophic Pathogens-Are Fungal Lifestyles Evolutionarily Stable Traits? *Fungal Diversity*, 60(1), 125-135.
- 16 Paz-Maldonado, M. T., Arguello-Garcia, R., Cruz-Soto, M., Mendoza-Hernandez, G. & Ortega-Pierres, G. (2013). Proteomic and Transcriptional Analyses of Genes Differentially Expressed in Giardia Duodenalis Clones Resistant to Albendazole. *Infection Genetics and Evolution*, 15, 10-17.
- 17 Ortega-Morales, B. O., Gaylarde, C., Anaya-Hernandez, A., Chan-Bacab, M. J., De la Rosa-Garcia, S. C., Arano-Recio, D. & Montero-M, J. (2013). Orientation affects Trentepohlia-dominated biofilms on Mayan monuments of the Rio Bec style. *International Biodeterioration & Biodegradation*, 84, 351-356.
- 18 Elizondo-Leal, J. C., Parra-Gonzalez, E. F. & Ramirez-Torres, J. G. (2013). The Exact Euclidean Distance Transform: a New Algorithm for Universal Path Planning. *International Journal of Advanced Robotic Systems*, 10, 266.
- 19 Navarro-Alvarez, E., Siller, M. & O'keefe, K. (2013). Gps-Assisted Path Loss Exponent Estimation for Positioning in IEEE 802.11 Networks. *International Journal of Distributed Sensor Networks*, 2013, 912029.
- 20 Valdez, S., Pech-Canul, M. I., Ascencio-Gutierrez, J. A. and Casolco, S. R. (2013). Effect of silver composition on electrochemical degradation of AlZn alloy. *International Journal of Electrochemical Science*, 8, 9298-9307.
- *21 Bautista-Ancona, V., Rzedowski-Calderon, M. & Villa-Salvador, G. (2013). Genus Fields of Cyclic L-Extensions of Rational Function Fields. *International Journal of Number Theory*, 9(5), 1249-1262.
- 22 Gurevich, Y. G. & Velazquez-Perez, J. E. (2013). The role of non-equilibrium charge carriers in thermoelectric cooling. *Journal of Applied Physics*, 114(3), 033704.
- 23 Arauz, J., Galicia-Moreno, M., Cortes-Reynosa, P., Perez-Salazar, E. & Muriel, P. (2013). Coffee attenuates fibrosis by decreasing the expression of TGF-Beta and CTGF in a murine model of liver damage. *Journal of Applied Toxicology*, 33(9), 970-979.

- 24 Cerecedo, D., Martinez-Vieyra, I., Mondragon, R., Mondragon, M., Gonzalez, S. & Galvan, I. J. (2013). Haemostatic role of intermediate filaments in adhered platelets: Importance of the membranous system stability. *Journal of Cellular Biochemistry*, 114(9), 2050-2060.
- 25 Gazquez, J. L., Vela, A. & Chattaraj, P. K. (2013). Local Hardness Equalization and the Principle of Maximum Hardness. *Journal of Chemical Physics*, 138(21), 214103.
- 26 Alvarez-Ibarra, A. & Koster, A. M. (2013). Double asymptotic expansion of three-center electronic repulsion integrals. *Journal of Chemical Physics*, 139(2), 024102.
- 27 Ortiz, D. I. B., Thalasso, F., Lopez, F. D. C. & Texier, A. C. (2013). Inhibitory Effect of Sulfide on the Nitrifying Respiratory Process. *Journal of Chemical Technology and Biotechnology*, 88(7), 1344-1349.
- 28 Espinosa-Vega, L. I., Rodriguez, A. G., Cruz-Hernandez, E., Martinez-Veliz, I., Rojas-Ramirez, J., Ramirez-Lopez, M., Nieto-Navarro, J., Lopez-Lopez, M. & Mendez-Garcia, V. H. (2013). Polarized Raman spectroscopy of corrugated MBE grown GaAs (631) homoepitaxial films. *Journal of Crystal Growth*, 378, 105-108.
- 29 Mendez-Garcia, V. H., Gonzalez-Fernandez, J. V., Espinosa-Vega, L. I., Diaz, T., Romano, R., Rosendo, E., Gallardo, S., Vazquez-Cortes, D. & Shimomura, S. (2013). MBE growth and characterization of (100) and (631)-oriented modulation doped AlGaAs/GaAs heterostructures. *Journal of Crystal Growth*, 378, 88-91.
- 30 Elyukhin, V. A. (2013). Spinodal decomposition ranges of wurtzite and zinc blende ZnBVIxO1-x (BVI=S, Se, Te) alloys. *Journal of Crystal Growth*, 380, 153-156.
- 31 Perez-Vega, J. A., Olivera-Castillo, L., Gomez-Ruiz, J. A. & Hernandez-Ledesma, B. (2013). Release of Multifunctional Peptides by Gastrointestinal Digestion of Sea Cucumber (*Isostichopus Badionotus*). *Journal of Functional Foods*, 5(2), 869-877.
- 32 Medina-Godoy, S., Rodriguez-Yanez, S. K., Bobadilla, N. A., Perez-Villalva, R., Valdez-Ortiz, R., Hong, E., Luna-Suarez, S., Paredes-Lopez, O. & Valdez-Ortiz, A. (2013). Antihypertensive activity of AMC3, an engineered 11S amaranth globulin expressed in *Escherichia coli*, in spontaneously hypertensive rats. *Journal of Functional Foods*, 5(3), 1441-1449.
- 33 Pawlaschyk, T. & Zeron, E. S. (2013). On convex hulls and pseudoconvex domains generated by -plurisubharmonic functions, part I. *Journal of Mathematical Analysis and Applications*, 408(1), 394-408.
- 34 Aguirrezabala-Campano, M. T., Torres-Acosta, R. I., Blanco-Labra, A., Mediola-Olaya, M. E., Sinagawa-Garcia, S. R., Gutierrez-Diez, A. & Torres-Castillo, J. A. (2013). Trypsin Inhibitors in Xoconostle Seeds (*Opuntia Joconostle Weber*.). *Journal of Plant Biochemistry and Biotechnology*, 22(3), 261-268.
- 35 Martinez-Salgado, J. L., Leon-Ramirez, C. G., Pacheco, A. B., Ruiz-Herrera, J. & De La Rosa, A. P. B. (2013). Analysis of the Regulation of the *Ustilago Maydis* Proteome by Dimorphism, Ph or Mapk and Gcn5 Genes. *Journal of Proteomics*, 79, 251-262.

- 36 Guillen-Flores, C. P., Castillo-Toledo, B., Garcia-Sandoval, J. P., Di Gennaro, S. & Gonzalez-Alvarez, V. (2013). A reset observer with discrete/continuous measurements for a class of fuzzy nonlinear systems. *Journal of the Franklin Institute-Engineering and Applied Mathematics*, 350(8), 1974-1991.
- 37 Azhmyakov, V., Poznyak, A. & Juarez, R. (2013). On the practical stability of control processes governed by implicit differential equations: The invariant ellipsoid based approach. *Journal of the Franklin Institute-Engineering and Applied Mathematics*, 350(8), 2229-2243.
- 38 Puerta-Guardo, H., Raya-Sandino, A., Gonzalez-Mariscal, L., Rosales, V. H., Ayala-Davila, J., Chavez-Munguia, B., Martinez-Fong, D., Medina, F., Ludert, J. E. & Del Angel, R. M. (2013). The cytokine response of U937-derived macrophages infected through antibody-dependent enhancement of dengue virus disrupts cell apical-junction complexes and increases vascular permeability. *Journal of Virology*, 87(13), 7486-7501.
- 39 Garcia-Valdez, O., Ramirez-Wong, D. G., Saldivar-Guerra, E. & Luna-Barcenas, G. (2013). Grafting of Chitosan With Styrene and Maleic Anhydride Via Nitroxide-Mediated Radical Polymerization in Supercritical Carbon Dioxide. *Macromolecular Chemistry and Physics*, 214(12), 1396-1404.
- 40 Calderon, C., Oyola, J. S., Bartolo-Perez, P. & Gordillo, G. (2013). Studies in CuInS₂ based solar cells, including ZnS and In₂S₃ buffer layers. *Materials Science in Semiconductor Processing*, 16(6), 1382-1387.
- 41 Navarro-Noya, Y. E., Suarez-Arriaga, M. C., Rojas-Valdes, A., Montoya-Ciriaco, N. M., Gomez-Acata, S., Fernandez-Luqueno, F. & Dendooven, L. (2013). Pyrosequencing Analysis of the Bacterial Community in Drinking Water Wells. *Microbial Ecology*, 66(1), 19-29.
- *42 Luna, B., Galan-Vasquez, E., Ugalde, E. & Martinez-Antonio, A. (2013). Structural Comparison of Biological Networks Based on Dominant Vertices. *Molecular Biosystems*, 9(7), 1765-1773.
- 43 Orona-Tamayo, D., Wiersch, N., Blanco-Labra, A., Svatos, A., Farias-Rodriguez, R. & Heil, M. (2013). Exclusive rewards in mutualisms: ant proteases and plant protease inhibitors create a lock-key system to protect Acacia food bodies from exploitation. *Molecular Ecology*, 22(15), 4087-4100.
- 44 Velten, H., Montiel, A. & Carneiro, S. (2013). Grb Hubble Diagram and Constraints on a Lambda(T) Cdm Model. *Monthly Notices of the Royal Astronomical Society*, 431(4), 3301-3306.
- 45 Schroeder, J. I., Delhaize, E., Frommer, W. B. et al. (2013). Using Membrane Transporters to Improve Crops for Sustainable Food Production. *Nature*, 497(7447), 60-66.
- 46 O'Hayre, M., Vazquez-Prado, J., Kufareva, I., Stawiski, E. W., Handel, T. M., Seshagiri, S. & Gutkind, J. S. (2013). The Emerging Mutational Landscape of G Proteins and G-Protein-Coupled Receptors in Cancer. *Nature Reviews Cancer*, 13(6), 412-424.

- 47 Barron-Zambrano, J. H. & Torres-Huitzil, C. (2013). FPGA implementation of a configurable neuromorphic CPG-based locomotion controller. [Neural Networks](#), 45, 50-61.
- 48 Flores-Mendez, M. A., Martinez-Lozada, Z., Monroy, H. C., Hernandez-Kelly, L. C., Barrera, I. & Ortega, A. (2013). Glutamate-Dependent Translational Control in Cultured Bergmann Glia Cells: Eif2 Alpha Phosphorylation. [Neurochemical Research](#), 38(7), 1324-1332.
- 49 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurements of Differential Jet Cross Sections in Proton-Proton Collisions at Root S=7 Tev With the Cms Detector. [Physical Review D](#), 87(11), 112002.
- 50 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Narrow Resonances Using the Dijet Mass Spectrum in Pp Collisions at Root S=8 Tev. [Physical Review D](#), 87(11), 114015.
- 51 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Fractionally Charged Particles in Pp Collisions at Root S=7 Tev. [Physical Review D](#), 87(9), 092008.
- 52 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the Ratio of Differential Cross Sections Sigma(P(P)Over-Bar -> Z + B Jet)/Sigma(P(P)Over-Bar -> Z + Jet) in P(P)Over-Bar Collisions at Root S = 1.96 Tev. [Physical Review D](#), 87(9), 092010.
- 53 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of Direct Cp Violation Parameters in B-+/- -> J/Psi K-+/- and B-+/- -> J/Psi Pi(+/-) Decays With 10.4 Fb(-1) of Tevatron Data. [Physical Review Letters](#), 110(24), 241801.
- 54 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for a Higgs Boson Decaying Into a B-Quark Pair and Produced in Association With B Quarks in Proton-Proton Collisions at 7 Tev. [Physics Letters B](#), 722(4-5), 207-232.
- 55 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Event Shapes and Azimuthal Correlations in Z Plus Jets Events in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 722(4-5), 238-261.
- 56 Abelev, B., Adam, J., Adamova, D. et al. (2013). Measurement of the Inclusive Differential Jet Cross Section in Pp Collisions at Root S=2.76 Tev. [Physics Letters B](#), 722(4-5), 262-272.
- 57 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Long-Lived Particles in Events With Photons and Missing Energy in Proton-Proton Collisions at Root S=7 Tev. [Physics Letters B](#), 722(4-5), 273-294.
- 58 Marsch-Martinez, N., Franken, J., Gonzalez-Aguilera, K. L., De Folter, S., Angenent, G. & Alvarez-Buylla, E. R. (2013). An Efficient Flat-Surface Collar-Free Grafting Method for Arabidopsis Thaliana Seedlings. [Plant Methods](#), 9, 14.
- 59 Sotelo-Silveira, M., Cucinotta, M., Chauvin, A. L., Montes, R. A. C., Colombo, L., Marsch-Martinez, N. & De Folter, S. (2013). Cytochrome P450 Cyp78a9 Is Involved in Arabidopsis Reproductive Development. [Plant Physiology](#), 162(2), 779-799.

- 60 Diaz-Coranguez, M., Segovia, J., Lopez-Ornelas, A., Puerta-Guardo, H., Ludert, J., Chavez, B., Meraz-Cruz, N. & Gonzalez-Mariscal, L. (2013). Transmigration of Neural Stem Cells Across the Blood Brain Barrier Induced by Glioma Cells. [Plos One](#), 8(4), e60655.
- 61 Diaz-Chavez, J., Fonseca-Sanchez, M. A., Arechaga-Ocampo, E. et al. (2013). Proteomic Profiling Reveals That Resveratrol Inhibits Hsp27 Expression and Sensitizes Breast Cancer Cells to Doxorubicin Therapy. [Plos One](#), 8(5), e64378.
- 62 Felix-Bautista, R., Hernandez-Hernandez, C., Zendejas-Leal, B. E., Fragoso, R., Golzarri, J. I., Vazquez-Lopez, C. & Espinosa, G. (2013). Evolution of Etched Nuclear Track Profiles of Alpha Particles in Cr-39 by Atomic Force Microscopy. [Radiation Measurements](#), 50, 197-200.
- 63 De La Cruz-Trujillo, L., Hernandez-Hernandez, C., Vazquez-Lopez, C., Zendejas-Leal, B. E., Golzarri, I. & Espinosa, G. (2013). Application of a Cellular Automaton for the Evolution of Etched Nuclear Tracks. [Radiation Measurements](#), 50, 201-206.
- 64 Garnica-Garza, H. M. (2013). Microdosimetry of X-Ray-Irradiated Gold Nanoparticles. [Radiation Protection Dosimetry](#), 155(1), 59-63.
- 65 Ruiz-Suarez, J. C. (2013). Penetration of Projectiles Into Granular Targets. [Reports on Progress in Physics](#), 76(6).
- 66 Cuevas, E., Liceaga-Correa, M. D., Arellano-Mendez, L., Rincon-Sandoval, L. A., Mexicano-Cintora, G., Euan-Avila, J. I., Hernandez-Nunez, H. & Mulsow, S. (2013). Spatial and Temporal Assessment of Submarine Dune Fields on the Coast of Yucatan, Mexico. [Revista de Biología Marina y Oceanografía](#), 48(1), 99-113.
- 67 Camacho, J. M. & Sosa, V. (2013). Alternative method to calculate the magnetic field of permanent magnets with azimuthal symmetry. [Revista Mexicana de Física E](#), 59, 8-17.
- 68 Rejon, V., Riech, I. & Pena, J. L. (2013). Study of CdS/CdTe solar cells activated with an oxygen-CHClF₂ gas mixture. [Solar Energy](#), 95, 319-324.
- 69 Melchor-Aguilar, D. (2013). Exponential stability of linear continuous time difference systems with multiple delays. [Systems & Control Letters](#), 62(10), 811-818.
- 70 Ochoa, G., Kharitonov, V. L. & Mondie, S. (2013). Critical frequencies and parameters for linear delay systems: A Lyapunov matrix approach. [Systems & Control Letters](#), 62(9), 781-790.
- *71 Mendieta-Wejebe, J. E., Miliar-Garcia, A., Correa-Basurto, J., Sanchez-Rico, C., Ramirez-Rosales, D., Trujillo-Ferrara, J. & Rosales-Hernandez, M. C. (2013). Comparison of the Effect of Chronic Cadmium Exposure on the Antioxidant Defense Systems of Kidney and Brain in Rat. [Toxicology Mechanisms and Methods](#), 23(5), 329-336.

72 Diaz-Reyes, J., Mendoza-Alvarez, J. G., Rodriguez-Fragoso, P., Galvan-Arellano, M., Lopez-Cruz, E. & Herrera-Perez, J. L. (2013). Structural and optical characterization of type II In_{0.14}Ga_{0.86}As_{0.13}Sb_{0.87}/GaSb heterostructure doped with zinc grown by liquid phase epitaxy. *Vibrational Spectroscopy*, 68, 109-114.

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

73 Gonzalez-Moran, C. O., Zamora-Perez, G. A., & Suaste-Gomez, E. (2013). System for controlling the moisture of the soil using humidity sensors from a polyvinylidenefluoride fiber mats. *Advanced Science Letters*, 19(3), 858-861.

74 Cabrera-Munguia, I. & Macias, A. (2013). Exact solution for two unequal counter-rotating black holes. *AIP Conference Proceedings*, 1548, 156-160.

*75 Escalante-Aburto, A., Ramirez-Wong, B., Torres-Chavez, P. I., Figueroa-Cardenas, J. D., Lopez-Cervantes, J., Barron-Hoyos, J. M. & Morales-Rosas, I. (2013). Effect of Extrusion Processing Parameters on Anthocyanin Content and Physicochemical Properties of Nixtamalized Blue Corn Expanded Extrudates. *Cyta-Journal of Food*, 11, 29-37.

*76 Vazquez-Rodriguez, J. A., Amaya-Guerra, C. A., Baez-Gonzalez, J. G., Nunez-Gonzalez, M. A. & Figueroa-Cardenas, J. D. (2013). Study of the Fortification With Bean and Amaranth Flours in Nixtamalized Maize Tortilla. *Cyta-Journal of Food*, 11, 62-66.

*77 Menera-Lopez, I., Gaytan-Martinez, M., Reyes-Vega, M. L., Morales-Sanchez, E. & Figueroa, J. D. C. (2013). Physico-Chemical Properties and Quality Assessment of Corn Flour Processed by a Continuous Ohmic Heating System and Traditional Nixtamalization. *Cyta-Journal of Food*, 11, 8-14.

78 Zaleta-Alejandre, E., Meza-Rocha, A. N., Rivera-Alvarez, Z., Sandoval, I. M., Araiza, J. J., Aguilar-Frutis, M. & Falcony, C. (2013). Optical Characteristics of Silica Coatings Deposited by Ozone Assisted Spray Pyrolysis Technique. *Ecs Journal of Solid State Science and Technology*, 2(7), N145-N148.

79 Galindo, A. A. G. (2013). Narrative Explanations and Modeling in Biology Teaching. *Ensenanza de las Ciencias*, 31(1), 11-28.

80 Garcia-Rios, V., Alpuche-Gual, L., Herrera-Silveira, J., Montero-Munoz, J., Morales-Ojeda, S., Pech, D., Cepeda-Gonzalez, M. F., Zapata-Perez, O. & Gold-Bouchot, G. (2013). Towards a coastal condition assessment and monitoring of the Gulf of Mexico Large Marine Ecosystem (GoM LME): Terminos Lagoon pilot site. *Environmental Development*, 7, 72-79.

81 Gonzalez-Hernandez, L., Torres-Jimenez, J., Rangel-Valdez, N. & Bracho-Rios, J. (2013). A post-optimization strategy for combinatorial testing: test suite reduction through the identification of wild cards and merge of rows. *Lecture Notes in Artificial Intelligence*, 7630, 127-138.

82 Romero-Monsivais, H., Rodriguez-Tello, E. & Ramirez, G. (2013). A new branch and bound algorithm for the cyclic bandwidth problem. *Lecture Notes in Artificial Intelligence*, 7630, 139-150.

83 Escalante-Perez, M. & Heil, M. (2013). The production and protection of nectars. *Progress in Botany*, 74, 239-261.

84 Gonzalez-Hernandez, L., Torres-Jimenez, J. & Rangel-Valdez, N. (2013). MITS in depth: an analysis of distinct tabu search configurations for constructing mixed covering arrays, *Studies in Computational Intelligence*, 427, 371-402.

85 Rodriguez-Cristerna, A. & Torres-Jimenez, J. (2013). A genetic algorithm for the problem of minimal Brauer chains. *Studies in Computational Intelligence*, 451, 481-500.

86 Rodriguez-Cristerna, A. & Torres-Jimenez, J. (2013). A genetic algorithm for the problem of minimal Brauer chains for large exponents. *Studies in Fuzziness and Soft Computing*, 294, 27-51.

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

87 Valencia, D. P. & Gonzalez, F. J. (2013). Corrigendum to "Estimation of diffusion coefficients by using a linear correlation between the diffusion coefficient and molecular weight" [J. Electroanal. Chem. 681 (2012) 121-126]. *Journal of Electroanalytical Chemistry*, 703, 166.

88 Beeler, M. C., Williams, R. A., Jimenez-Garcia, K., Leblanc, L. J., Perry, A. R. & Spielman, I. B. (2013). The Spin Hall Effect in a Quantum Gas. *Nature*, 498(7453), 201-+.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

89 Vilar, M. G., Gomez, R., Zillges, H., Brooks, D., Sanders, A., Gaieski, J. B., Owings, A. C., Meraz, M. A. & Schurr, T. G. (2013). Genetic Diversity in Indigenous Populations From Central Mexico and Its Implications for the Peopling of the Americas. *American Journal of Physical Anthropology*, 150, 278.

90 Toral-Rios, D., Alonso-Vanegas, M., Villeda-Hernandez, J. & Campos-Pena, V. (2013). Single Nucleotide Polymorphisms in Genes Related to Inflammation Molecules in Mexican Patients With Drug-Resistant Epilepsy. *Epilepsia*, 54, 295-296.

91 Alonso-Vanegas, M., Bravo-Avila, H. E., Toral-Rios, D., Villeda-Hernandez, J. & Campos-Pena, V. (2013). Polymorphisms in Genes of Tau Protein, Gsk3 Beta and Hsp70, as Potential Markers of Risk in the Development of Temporal Lobe Epilepsy and Mesial Sclerosis. *Epilepsia*, 54, 300-301.

92 Centurion, D., Moreno-Vazquez, E., Villamil-Hernandez, M. T., Alcantara-Vazquez, O., Acosta-Cota, S. J. & Sanchez-Lopez, A. (2013). Comparative Analysis of the Vascular Sympatho-Inhibition to Moxonidine in Control or Streptozotocin-Induced Diabetic Rats. *Faseb Journal*, 27, 1091.4.

93 Lopez-Canales, O., Lopez-Canales, J., Guevara-Balcazar, G., Castillo-Hernandez, M. C. & Escalante-Acosta, B. (2013). Endothelial Dysfunction Accentuates the Loss of Function of Beta Adrenergic Receptors in the Smooth Muscle of the Rat Aorta During Maturation. [Faseb Journal](#), 27, 1092.7.

94 Calderon, E. L., Villavicencio, N. A., Lara-Padilla, E., Guevara-Balcazar, G., Chong, E. H. & Castillo-Hernandez, M. C. (2013). Changes in the Activity of the Renin Angiotensin System on Resistance Arteries in Isolated Perfused Heart of Hypertensive Rats. [Faseb Journal](#), 27, 1182.5.

95 Schnoor, M., Latasiewicz, J., Jing, D. & Vestweber, D. (2013). Hs1 Regulates Chemokine-Induced Rap-1 Activation Via Pka in Neutrophils to Facilitate Extravasation. [Faseb Journal](#), 27, 138.4.

96 Nava, P., Kamekura, R., Hamilton, R., Medina-Contreras, O., Kolegraff, K. N., Denning, T. L., Parkos, C. & Nusrat, A. (2013). The Inflammatory Cytokine Ifn Gamma Regulates Intestinal Epithelial Homeostasis by Controlling the Spatiotemporal Localization of Akt, 14.3.3(Zeta) and Beta-Catenin. [Faseb Journal](#), 27, 256.9.

97 Leon-Buitimea, A., Rodriguez-Fragoso, P., Reyes-Esparza, J. A. & Rodriguez-Fragoso, L. (2013). Synthesis, Characterization and Toxicological Evaluation of Maltodextrin Capped Cadmium Sulfide Nanoparticles in Human Cell Lines and Chicken Embryos. [Faseb Journal](#), 27, 575.13.

98 Rocha, S. C., Rincon-Heredia, R., Gomes, N. L. S., Moreira, O. C., Contreras, G. R. & Barbosa, L. A. (2013). 21-Benzylidene Digoxin Effect on Tight Junctions Proteins. [Faseb Journal](#), 27, 726.1.

99 Garcia-Gasca, T., Ferriz-Martinez, R., Cervantes-Jimenez, R. et al. (2013). Tepary Bean Lectins Induces Apoptosis on Human Colon Cancer Cells and Inhibits Early Tumorigenesis in Rats. [Faseb Journal](#), 27, 1b573.

100 Sanchez-Lopez, A., Villamil-Hernandez, M. T., Alcantara-Vazquez, O. & Centurion, D. (2013). Pharmacological Characterization of Alpha(2)-Adrenoceptor Subtypes Mediating Inhibition of Sympathetic Vasopressor Responses to B-Ht 933 in Pithed Rats. [Faseb Journal](#), 27, 1b605.

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

101 Mandilaras, K., Pathmanathan, T. & Missirlis, F. (2013). Iron Absorption in Drosophila Melanogaster. [Nutrients](#), 5(5), 1622-1647.

ARTÍCULOS DEL MES DE AGOSTO DE 2013

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

- 1 Cuevas-Farfan, E., Morales-Sandoval, M., Morales-Reyes, A., Feregrino-Uribe, C., Alrededo-Badillo, I., Kitsos, P. & Cumplido, R. (2013). Karatsuba-Ofman Multiplier With Integrated Modular Reduction for Gf(2(M)). [Advances in Electrical and Computer Engineering](#), 13(2), 3-10.
- *2 Alonso, G. A., Munoz, R. & Marty, J. L. (2013). Automatic Electronic Tongue for on-Line Detection and Quantification of Organophosphorus and Carbamate Pesticides Using Enzymatic Screen Printed Biosensors. [Analytical Letters](#), 46(11), 1743-1757.
- 3 Leon-Juarez, M., Garcia-Cordero, J., Santos-Argumedo, L., Romero-Ramirez, H., Garcia-Machorro, J., Bustos-Arriaga, J., Gutierrez-Castaneda, B., Sepulveda, N. V., Mellado-Sanchez, G. & Cedillo-Barron, L. (2013). Generation and Characterization of a Monoclonal Antibody That Cross-Reacts With the Envelope Protein From the Four Dengue Virus Serotypes, [Apmis](#) 121, 848-858.
- 4 Guerra-Gomez, I., Tlelo-Cuautle, E. & De la Fraga, L. G. (2013). Richardson extrapolation-based sensitivity analysis in the multi-objective optimization of analog circuits. [Applied Mathematics and Computation](#), 222, 167-176.
- 5 Garduno-Gutierrez, R., Leon-Olea, M. & Rodriguez-Manzo, G. (2013). The mesolimbic system participates in the naltrexone-induced reversal of sexual exhaustion: Opposite effects of intra-VTA naltrexone administration on copulation of sexually experienced and sexually exhausted male rats. [Behavioural Brain Research](#), 256, 64-71.
- 6 Lopez-Rubalcava, C., Paez-Martinez, N. & Oikawa, J. (2013). Blockade of corticosteroid receptors induces anxiolytic-like effects in streptozotocin-induced diabetic mice, and synergizes with diazepam. [Behavioural Pharmacology](#), 24(4), 320-327.
- 7 Villa-Ruano, N., Zurita-Vasquez, G. G., Pacheco-Hernandez, Y., Betancourt-Jimenez, M. G., Cruz-Duran, R. & Duque-Bautista, H. (2013). Anti-Lipase and Antioxidant Properties of 30 Medicinal Plants Used in Oaxaca, Mexico. [Biological Research](#), 46(2), 153-160.
- 8 Arias-Penaranda, M. T., Cristiani-Urbina, E., Montes-Horcasitas, C., Esparza-Garcia, F., Torzillo, G. & Canizares-Villanueva, R. (2013). Scenedesmus incrassatulus Clhe-Si01: a Potential Source of Renewable Lipid for High Quality Biodiesel Production. [Bioresource Technology](#), 140, 158-164.
- 9 Vera-Reyes, I., Huerta-Heredia, A. A., Ponce-Noyola, T., Flores-Sanchez, I. J., Esparza-Garcia, F., Cerda-Garcia-Rojas, C. M., Trejo-Tapia, G. & Ramos-Valdivia, A. C. (2013). Strictosidine-related enzymes involved in the alkaloid biosynthesis of Uncaria tomentosa root cultures grown under oxidative stress. [Biotechnology Progress](#), 29(3), 621-630.
- 10 Flores-Clemente, C., Osorio-Espinoza, A., Escamilla-Sanchez, J., Leurs, R., Arias, J. M. & Arias-Montano, J. A. (2013). A single-point mutation (Ala280Val) in the third intracellular loop alters the signalling properties of the human histamine H3 receptor stably expressed in CHO-K1 cells. [British Journal of Pharmacology](#), 170(1), 127-135.

- 11 Calaminici, P., Vasquez-Perez, J. M. & Espindola-Velasco, D. A. (2013). A density functional study of Rh13. [Canadian Journal of Chemistry](#), 91(7), 591-597.
- 12 Rosas-Flores, W., Ramos-Ramirez, E. G. & Salazar-Montoya, J. A. (2013). Microencapsulation of Lactobacillus helveticus and Lactobacillus delbrueckii using alginate and gellan gum. [Carbohydrate Polymers](#), 98(1), 1011-1017.
- *13 Figueroa, J. D. C., Hernandez, Z. J. E., Rayas-Duarte, P. & Pena, R. J. (2013). Stress Relaxation and Creep Recovery Tests Performed on Wheat Kernels Versus Doughs: Influence of Glutenins on Rheological and Quality Properties. [Cereal Foods World](#), 58(3), 139-144.
- *14 Gonzalez-Mariscal, G., Lemus, A. C., Vega-Gonzalez, A. & Aguilar-Roblero, R. (2013). Litter Size Determines Circadian Periodicity of Nursing in Rabbits. [Chronobiology International](#), 30(5), 711-718.
- 15 Manko, V. S., Rabadan, R. I. & Ruiz, E. (2013). The Breton-Manko Equatorially Antisymmetric Binary Configuration Revisited. [Classical and Quantum Gravity](#), 30(14), 145005.
- 16 Gonzalez-Campos, J. B., Mota-Morales, J. D., Kumar, S. et al. (2013). New insights into the bactericidal activity of chitosan-Ag bionanocomposite: The role of the electrical conductivity. [Colloids and Surfaces B-Biointerfaces](#), 111, 741-746.
- 17 Rufino-Felipe, E., Osorio, E., Merino, G. & Munoz-Hernandez, M. A. (2013). Do Planar Tetracoordinate Tin Complexes Really Exist? [Dalton Transactions](#), 42(31), 11180-11185.
- 18 Delgado-Balbuena, L., Aguilar-Chavez, A. R., Luna-Guido, M. L. & Dendooven, L. (2013). Mixing of an anthracene-contaminated soil: A simple but efficient remediation technique? [Ecotoxicology and Environmental Safety](#), 96, 238-241.
- 19 Fabila-Monroy, R. & Wood, D. R. (2013). Rooted K-4-Minors. [Electronic Journal of Combinatorics](#), 20(2), P64.
- 20 Torres-Vega, G. & Jimenez-Garcia, M. N. (2013). A Method for Choosing an Initial Time Eigenstate in Classical and Quantum Systems. [Entropy](#), 15(6), 2415-2430.
- 21 Rodriguez-Arellanes, G., De Sousa, C. N., De Medeiros-Muniz, M. et al. (2013). Frequency and Genetic Diversity of the Mat1 Locus of *Histoplasma capsulatum* Isolates in Mexico and Brazil. [Eukaryotic Cell](#), 12(7), 1033-1038.
- 22 Lopez-Garcia, K., Cuevas, E., Corona-Quintanilla, D. L., Jimenez-Estrada, I., Martinez-Gomez, M. & Castelan, F. (2013). Effect of Multiparity on Morphometry and Oestrogen Receptor Expression of Pelvic and Perineal Striated Muscles in Rabbits: Is Serum Oestradiol Relevant? [European Journal of Obstetrics & Gynecology and Reproductive Biology](#), 169(1), 113-120.
- 23 Campos-Gongora, E., Andaluz, E., Bellido, A., Ruiz-Herrera, J. & Larriba, G. (2013). The Rad52 Ortholog of *Yarrowia lipolytica* Is Essential for Nuclear Integrity and Dna Repair. [Fems Yeast Research](#), 13(5), 441-452.

- 24 Magana-Ortiz, D., Coconi-Linares, N., Ortiz-Vazquez, E., Fernandez, F., Loske, A. M. & Gomez-Lim, M. A. (2013). A Novel and Highly Efficient Method for Genetic Transformation of Fungi Employing Shock Waves. [Fungal Genetics and Biology](#), 56, 9-16.
- 25 Cruz-Morales, P., Vijgenboom, E., Iruegas-Bocardo, F. et al. (2013). The genome sequence of *Streptomyces lividans* 66 reveals a novel tRNA-dependent peptide biosynthetic system within a metal-related genomic Island. [Genome Biology and Evolution](#), 5(6), 1165-1175.
- *26 Aristeo-Dominguez, A., Melendez-Rodriguez, M., Castillo, O. R. S., Contreras-Martinez, Y. M. A., Suarez-Ramirez, L., Trejo-Carballo, N., Morales-Rios, M. S. & Joseph-Nathan, P. (2013). Dimethyldioxirane Oxidation of N-Substituted-2-Methylindoles to Indoxyls and Bisindoxyls. [Heterocycles](#), 87(6), 1249-1267.
- 27 Tang, J., Chai, T. Y., Yu, W. & Zhao, L. J. (2013). Modeling Load Parameters of Ball Mill in Grinding Process Based on Selective Ensemble Multisensor Information. [Ieee Transactions on Automation Science and Engineering](#), 10(3), 726-740.
- 28 Garcia-Vite, P. M., Mancilla-David, F. & Ramirez, J. M. (2013). Per-Sequence Vector-Switching Matrix Converter Modules for Voltage Regulation. [Ieee Transactions on Industrial Electronics](#), 60(12), 5411-5421.
- 29 Rodriguez-Avila, R., Nunez-Vega, G., Parra-Michel, R. & Mendez-Vazquez, A. (2013). Frequency-Selective Joint T X/Rx I/Q Imbalance Estimation Using Golay Complementary Sequences. [Ieee Transactions on Wireless Communications](#), 12(5), 2171-2179.
- 30 Garrido, R. & Concha, A. (2013). An Algebraic Recursive Method for Parameter Identification of a Servo Model. [Ieee-Asme Transactions on Mechatronics](#), 18(5), 1572-1580.
- 31 Villarreal-Cervantes, M. G., Cruz-Villar, C. A., Alvarez-Gallegos, J. & Portilla-Flores, E. A. (2013). Robust Structure-Control Design Approach for Mechatronic Systems. [Ieee-Asme Transactions on Mechatronics](#), 18(5), 1592-1601.
- 32 Morales, E. & Ramirez, A. (2013). Periodic Steady State Solution of Distribution Networks Via Sweeping Iterations. [Iet Generation Transmission & Distribution](#), 7(6), 567-575.
- 33 Avila-George, H., Torres-Jimenez, J., Gonzalez-Hernandez, L. & Hernandez, V. (2013). Metaheuristic Approach for Constructing Functional Test-Suites. [Iet Software](#), 7(2), 104-117.
- 34 Hernandez-Hernandez, H. M., Olivares-Ramirez, J. M. & Jimenez-Sandoval, O. (2013). Performance of Novel Bimetallic Carbonyl Clusters as Pem Fuel Cell Anodes, a Comparative Study. [International Journal of Hydrogen Energy](#), 38(18), 7674-7679.
- 35 Uribe-Godinez, J., Garcia-Montalvo, V. & Jimenez-Sandoval, O. (2013). Development of Ir-Based and Rh-Based Catalyst Electrodes for Pem Fuel Cell Applications. [International Journal of Hydrogen Energy](#), 38(18), 7680-7683.
- 36 Carrillo-Ibarra, I., Garcia-Compean, H. & Turrubiates, F. J. (2013). Dissipative Scalar Field Theory Via Deformation Quantization. [International Journal of Modern Physics A](#), 28(16), 1350068.

37 Aguilar-Martinez, J. A., Esneider-Alcala, M. A., Hernandez, M. B., Canul, M. I. P. & Shaji, S. (2013). Optimal Parameters for Synthesizing Single Phase Spinel-Type Co₂SnO₄ by Sol-Gel Technique: Structure Determination and Microstructure Evolution. *Journal of Alloys and Compounds*, 574, 278-282.

*38 Monroy-Ramirez, H. C., Basurto-Islas, G., Mena, R., Cisneros, B., Binder, L. I., Avila, J. & Garcia-Sierra, F. (2013). Alterations in the Nuclear Architecture Produced by the Overexpression of Tau Protein in Neuroblastoma Cells. *Journal of Alzheimers Disease*, 36(3), 503-520.

39 Diaz-Ramirez, A., Mejia-Alvarez, P. & Leyva-Del-Foyo, L. E. (2013). Comprehensive Comparison of Schedulability Tests for Uniprocessor Rate-Monotonic Scheduling. *Journal of Applied Research and Technology*, 11(3), 408-436.

40 Vazquez, J. A. & Velasco-Villa, M. (2013). Experimental Estimation of Slipping in the Supporting Point of a Biped Robot. *Journal of Applied Research and Technology*, 11(3), 348-359.

41 Gonzalez-Mozuelos, P., Guerreo-Garcia, G. I. & Olvera de la Cruz, M. (2013). An exact method to obtain effective electrostatic interactions from computer simulations: the case of effective charge amplification. *Journal of Chemical Physics*, 139(6), 064709.

42 Abreu, P., Aglietta, M., Ahlers, M. et al. (2013). Bounds on the Density of Sources of Ultra-High Energy Cosmic Rays From the Pierre Auger Observatory. *Journal of Cosmology and Astroparticle Physics*, (5), 009.

43 Del Campo, J. S. M., Chun, Y., Kim, J. E., Patino, R. & Zhang, Y. H. P. (2013). Discovery and Characterization of a Novel Atp/Polyphosphate Xylulokinase From a Hyperthermophilic Bacterium Thermotoga Maritima. *Journal of Industrial Microbiology & Biotechnology*, 40(7), 661-669.

44 Meza-Rocha, A. N., Huerta, E. F., Zaleta-Alejandre, E., Rivera-Alvarez, Z. & Falcony, C. (2013). Enhanced Photoluminescence of Y₂O₃:Er³⁺ Thin Films by Li⁺ Co-Doping. *Journal of Luminescence*, 141, 173-176.

45 Gonzalez, L. G., Torres, J. H., Romo, M. G. G., Peredo, L. Z., Arias, A. M. C., Sarabia, E. L. & Beltran, F. J. E. (2013). Ti/Tisino Multilayers Fabricated by Co-Sputtering. *Journal of Materials Engineering and Performance*, 22(8), 2377-2381.

46 Torres, J. J., Islas, R., Osorio, E., Harrison, J. G., Tiznado, W. & Merino, G. (2013). Is Al₂Cl₆ Aromatic? Cautions in Superficial Nics Interpretation. *Journal of Physical Chemistry A*, 117(26), 5529-5533.

47 Muniz, R., Flores, A., Ortiz, J., Rodriguez, N., Martinez, F., Luna, J. & Orozco, P. (2013). Characterization by Ebsd of Antimony-Calcium Rich Phases Formed During Purification of Aluminum Scrap. *Journal of Wuhan University of Technology-Materials Science Edition*, 28(4), 647-649.

48 Soltani, N., Pech-Canul, M. I. & Bahrami, A. (2013). Effect of 10Ce-Tzp/Al₂O₃ Nanocomposite Particle Amount and Sintering Temperature on the Microstructure and Mechanical Properties of Al/(10Ce-Tzp/Al₂O₃) Nanocomposites. *Materials & Design*, 50, 85-91.

49 Pantoja-Castro, M. A., Perez-Robles, J. F., Gonzalez-Rodriguez, H., Vorobiev-Vasilievitch, Y., Martinez-Tejada, H. V. & Velasco-Santos, C. (2013). Synthesis and Investigation of Pmma Films With Homogeneously Dispersed Multiwalled Carbon Nanotubes. [Materials Chemistry and Physics](#), 140(2-3), 458-464.

50 Vargas, L. E., Roman, D. T. & Cruz, H. T. (2013). A Study of Wavelet Analysis and Data Extraction From Second-Order Self-Similar Time Series. [Mathematical Problems in Engineering](#), 2013, 102834.

51 Munoz, C. R. T., Percino, T. M., Jimenez, E. M., Correa-Basurto, J. & Ferrara, J. G. T. (2013). Partition Coefficient Determination of a Series of Isoindolines-2-Substituted and Its Correlation With Their Antiproliferative Activity on Hela Cells. [Medicinal Chemistry Research](#), 22(8), 4039-4045.

52 Gomez, E. R., Zenit, R., Rivera, C. G., Trapaga, G. & Ramirez-Argaez, M. A. (2013). Physical Modeling of Fluid Flow in Ladles of Aluminum Equipped With Impeller and Gas Purging for Degassing. [Metallurgical and Materials Transactions B-Process Metallurgy and Materials Processing Science](#), 44(4), 974-983.

53 Aparicio, R., Barrera, G., Trapaga, G., Ramirez-Argaez, M. & Gonzalez-Rivera, C. (2013). Solidification kinetics of a near eutectic Al-Si alloy, unmodified and modified with Sr. [Metals and Materials International](#), 19(4), 707-715.

*54 Montiel-Sosa, J. F., Herrero, M. D., Munoz, M. D., Aguirre-Campa, L. E., Perez-Ramirez, G., Garcia-Ramirez, R., Ruiz-Pesini, E. & Montoya, J. (2013). Phylogenetic Analysis of Mitochondrial Dna in a Patient With Kearns-Sayre Syndrome Containing a Novel 7629-Bp Deletion. [Mitochondrial Dna](#), 24(4), 420-431.

*55 Quintas-Granados, L. I., Villalpando, J. L., Vazquez-Carrillo, L. I., Arroyo, R., Mendoza-Hernandez, G. & Alvarez-Sanchez, M. E. (2013). Tvm50 Is an Immunogenic Metalloproteinase During Male Trichomoniasis. [Molecular & Cellular Proteomics](#), 12(7), 1953-1964.

56 Hernandez-Sotelo, D., Garcia-Aguilar, R., Castro-Coronel, Y., Magana, J. J., Leyva-Vazquez, M. A., Alarcon-Romero, L. D., Lopez-Bayghen, E. & Illades-Aguiar, B. (2013). The 46359ct Polymorphism of Dnmt3b Is Associated With the Risk of Cervical Cancer. [Molecular Biology Reports](#), 40(7), 4275-4280.

57 Escalona-Vargas, D. I., Gutierrez, D. & Lopez-Arevalo, I. (2013). Performance of different metaheuristics in EEG source localization compared to the Cramer-Rao bound. [Neurocomputing](#), 120, 597-609.

58 Leblanc, L. J., Beeler, M. C., Jimenez-Garcia, K., Perry, A. R., Sugawa, S., Williams, R. A. & Spielman, I. B. (2013). Direct Observation of Zitterbewegung in a Bose-Einstein Condensate. [New Journal of Physics](#), 15, 073011.

59 Cahangirov, S., Audiffred, M., Tang, P. Z., Iacomino, A., Duan, W. H., Merino, G. & Rubio, A. (2013). Electronic Structure of Silicene on Ag(111): Strong Hybridization Effects. [Physical Review B](#), 88(3), 035432.

- 60 Espejo, C., Rangel, T., Romero, A. H., Gonze, X. & Rignanese, G. M. (2013). Band Structure Tunability in MoS₂ Under Interlayer Compression: a Dft and Gw Study. [Physical Review B](#), 87(24), 245114.
- 61 Cortes-Maldonado, I., Hernandez-Tome, G. & Tavares-Velasco, G. (2013). Decay T -> C Gamma in Models With Sul(3) X U-X(1) Gauge Symmetry. [Physical Review D](#), 88(1), 014011.
- 62 Lopez-Osorio, M. A., Martinez-Pascual, E., Montano, J., Novales-Sanchez, H., Toscano, J. J. & Tututi, E. S. (2013). Trilinear Gauge Boson Couplings in the Standard Model With One Universal Extra Dimension. [Physical Review D](#), 88(1), 016010.
- 63 Abelev, B., Adam, J., Adamova, D. et al. (2013). Charge Correlations Using the Balance Function in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 723(4-5), 267-279.
- 64 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Heavy Resonances in the W/Z-Tagged Dijet Mass Spectrum in Pp Collisions at 7 Tev. [Physics Letters B](#), 723(4-5), 280-301.
- 65 Neira-Velazquez, M. G., Hernandez-Hernandez, E., Ramos-Devalle, L. F. et al. (2013). Chemical Modification of Carbon Nanofibers With Plasma of Acrylic Acid. [Plasma Processes and Polymers](#), 10(7), 627-633.
- 66 Acosta-Gonzalez, G., Rodriguez-Zaragoza, F. A., Hernandez-Landa, R. C. & Arias-Gonzalez, J. E. (2013). Additive Diversity Partitioning of Fish in a Caribbean Coral Reef Undergoing Shift Transition. [Plos One](#), 8(6), e65665.
- 67 Betanzos, A., Javier-Reyna, R., Garcia-Rivera, G., Banuelos, C., Gonzalez-Mariscal, L., Schnoor, M. & Orozco, E. (2013). The Ehcpadh112 Complex of Entamoeba Histolytica Interacts With Tight Junction Proteins Occludin and Claudin-1 to Produce Epithelial Damage. [Plos One](#), 8(6), e65100.
- 68 Cubi, R., Candalija, A., Ortega, A., Gil, C. & Aguilera, J. (2013). Tetanus Toxin Hc Fragment Induces the Formation of Ceramide Platforms and Protects Neuronal Cells Against Oxidative Stress. [Plos One](#), 8(6), e68055.
- 69 Pezet-Valdez, M., Fernandez-Retana, J., Ospina-Villa, J. D. et al. (2013). The 25 Kda Subunit of Cleavage Factor Im Is a Rna-Binding Protein That Interacts With the Poly(a) Polymerase in Entamoeba Histolytica. [Plos One](#), 8(6), e67977.
- 70 Vega-Rivera, N. M., Fernandez-Guasti, A., Ramirez-Rodriguez, G. & Estrada-Camarena, E. (2013). Acute Stress Further Decreases the Effect of Ovariectomy on Immobility Behavior and Hippocampal Cell Survival in Rats. [Psychoneuroendocrinology](#), 38(8), 1407-1417.
- 71 Pech-May, N. W. & Alvarado-Gil, J. J. (2013). Photoacoustic monitoring of sedimentation of micro-particles in low viscosity fluids. [Review of Scientific Instruments](#), 84, 084902.
- 72 Terres-Pena, H., Morales-Gomez, J. R., Lizardi-Ramos, A., Lopez-Callejas, R. & Portillo-Velez, R. D. (2013). Numerical Study of Efficiencies for Box Type Solar Cooker With Internal Reflectors. [Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria](#), 29(2), 122-128.

- 73 Carbajal-Valdez, R., Guzman-Mendoza, J., Garcia-Hipolito, M., Alvarez-Fragoso, O., Alvarez-Perez, M. A. & Falcony, C. (2013). Cathodoluminescence in Hafnium Oxide Films Activated With Europium and Terbium, Deposited by Sps Technique. *Revista Mexicana de Fisica*, 59(4), 343-351.
- 74 De Moure-Flores, F., Guillen-Cervantes, A., Nieto-Zepeda, K. E., Quinones-Galvan, J. G., Hernandez-Hernandez, A., Olvera, M. D. & Melendez-Lira, M. (2013). SnO₂:F Thin Films Deposited by Rf Magnetron Sputtering: Effect of the SnF₂ Amount in the Target on the Physical Properties. *Revista Mexicana de Fisica*, 59(4), 335-338.
- 75 Kravchenko, V. V., Oviedo-Galdeano, H. & Rabinovich, V. S. (2013). Electromagnetic Fields in Dispersive Chiral Media Generated by Modulated Nonuniformly Moving Sources. *Russian Journal of Mathematical Physics*, 20(1), 39-55.
- 76 Shkvarko, Y. V., Tuxpan, J. & Santos, S. R. (2013). t2-t1 Structured descriptive experiment design regularization based enhancement of fractional SAR imagery. *Signal Processing*, 93(12), 3553-3566.
- 77 Darbandy, G., Gneiting, T., Alius, H., Alvarado, J., Cerdeira, A. & Iniguez, B. (2013). Automatic parameter extraction technique for gate leakage current modeling in double gate MOSFET. *Solid-State Electronics*, 89, 111-115.
- *78 Rodriguez-Romero, V., Cruz-Antonio, L., Franco-Bourland, R. E., Guizar-Sahagun, G. & Castaneda-Hernandez, G. (2013). Changes in Renal Function During Acute Spinal Cord Injury: Implications for Pharmacotherapy. *Spinal Cord*, 51(7), 528-531.
- *79 Medellin, G., Marino-Tapia, I., Pedrozo-Acuna, A., Enriquez, C. & Gonzalez-Villarreal, F. (2013). Influence of Tides on the Hydrodynamics of the Mecoacan-Gonzalez River System, Mexico. *Tecnologia y Ciencias del Agua*, 4(2), 71-90.
- 80 Vasquez-Garzon, V. R., Macias-Perez, J. R., Jimenez-Garcia, M. N., Villegas, V., Fattel-Fazenta, S. & Villa-Trevino, S. (2013). The Chemopreventive Capacity of Quercetin to Induce Programmed Cell Death in Hepatocarcinogenesis. *Toxicologic Pathology*, 41(6), 857-865.
- 81 Aguilar-Garduno, C., Lacasana, M., Blanco-Munoz, J., Rodriguez-Barranco, M., Hernandez, A. F., Bassol, S., Gonzalez-Alzaga, B. & Cebrian, M. E. (2013). Changes in Male Hormone Profile After Occupational Organophosphate Exposure. A Longitudinal Study. *Toxicology*, 307, 55-65.
- 82 Guerra, R., Vera-Aguilar, E., Uribe-Ramirez, M. et al. (2013). Exposure to inhaled particulate matter activates early markers of oxidative stress, inflammation and unfolded protein response in rat striatum. *Toxicology Letters*, 222(2), 146-154.
- 83 Caballero-Arango, D., Brule, T., Noh-Quinones, V., Colas-Marrufo, T. & Perez-Diaz, E. (2013). Reproductive Biology of the Tiger Grouper in the Southern Gulf of Mexico. *Transactions of the American Fisheries Society*, 142(1), 282-299.
- 84 Thenozhi, S., Yu, W. & Garrido, R. (2013). A Novel Numerical Integrator for Velocity and Position Estimation. *Transactions of the Institute of Measurement and Control*, 35(6), 824-833.

85 Escamilla-Alvarado, C., Poggi-Varaldo, H. M. & Ponce-Noyola, M. T. (2013). Use of Organic Waste for the Production of Added-Value Holocellulases With Cellulomonas Flavigena Pr-22 and Trichoderma Reesei Mcg 80. [Waste Management & Research](#), 31(8), 849-858.

86 De La Cruz-Cruz, J. I., Romano-Tequimila, J. C., Juarez-Saavedra, P. & Paz-Sandoval, M. A. (2013). Synthesis and Characterization of 6-Arene Ruthenium Complexes Bearing Oxopentadienyl and Phosphine Ligands. [Zeitschrift Fur Anorganische Und Allgemeine Chemie](#), 639(7), 1160-1165.

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

87 Ramirez-Velazquez, C., Castillo, E. C., Guido-Bayardo, L. & Ortiz-Navarrete, V. (2013). IL-17-producing peripheral blood CD177+ neutrophils increase in allergic asthmatic subjects. [Allergy, Asthma, & Clinical Immunology](#), 9, 23.

88 Gonzalez-Mendoza, D., Gil, F. E. Y., Escobosa-Garcia, F., Santamaria, J. M. & Zapata-Perez, O. (2013). Copper Stress on Photosynthesis of Black Mangle (Avicennia Germinans). [Anais Da Academia Brasileira De Ciencias](#), 85(2), 665-670.

89 Rubio-Guerra, A. F., Cabrera-Miranda, L. J., Vargas-Robles, H., Maceda-Serrano, A., Lozano-Nuevo, J. J. & Escalante-Acosta, B. A. (2013). Correlation Between Levels of Circulating Adipokines and Adiponectin/Resistin Index With Carotid Intima-Media Thickness in Hypertensive Type 2 Diabetic Patients. [Cardiology](#), 125(3), 150-153.

*90 Santros-Trigo, L. M. & Ortega-Moreno, F. (2013). Digit technology, dynamic representations, and mathematical reasoning: extending problem solving frameworks. [International Journal of Learning Technology](#), 8(2), 186-200.

91 Gutierrez-Lerma, A. I., Ordaz, B. & Pena-Ortega, F. (2013). Amyloid Beta peptides differentially affect hippocampal theta rhythms in vitro. [International Journal of Peptides](#), 2013, 328140.

92 Tapia-Orozco, N. & Vazquez, R. R. (2013). Photoactive TiO₂ Films Formation by Drain Coating for Endosulfan Degradation. [International Journal of Photoenergy](#), 2013, 560840.

*93 Elizalde-Pena, E. A., Zarate-Trivino, D. G., Nuno-Donlucas, S. M., Medina-Torres, L., Gough, J. E., Sanchez, I. C., Villasenor, F. & Luna-Barcenas, G. (2013). Synthesis and characterization of a hybrid (chitosan-g-glycidyl methacrylate)-xanthan hydrogel. [Journal of Biomaterials Science, Polymer Edition](#), 24(12), 1426-1442.

94 Burciaga-Diaz, O., Magallanes-Rivera, R. X. & Escalante-Garcia, J. I. (2013). Alkali-activated slag-metakaolin pastes: strength, structural, and microstructural characterization. [Journal of Sustainable Cement-Based Materials](#), 2(2), 111-127.

*95 Solorzano-Lopez, J., & Garcia-Pastor, F. A. (2013). 3D Computational Simulation of Multi-Impact Shot Peening. [MRS Online Proceedings Library](#), 1485, opl.2013.210.

*96 Chavez-Urbiola, E. A., & Perez-Robles, J. F. (2013). Thin film hybrid ceramic-polymeric low cost solar absorber. [MRS Online Proceedings Library](#), 1534, opl.2013.315.

*97 Lopez-Cuevas, J., Ramos-Ramirez, M. V., & Rodriguez-Galicia, J. L. (2013). Synthesis and characterization of ceramic composites of the binary system Ba_{0.75}Sr_{0.25}AlSi₂O₈ - Al₂O₃. [MRS Online Proceedings Library](#), 1485, opl.2013.277.

*98 Vorobieva, Y. V., Horleya, P., & Gonzalez-Hernandez, J. (2013). Quantum mechanical description of electronic transitions in cylindrical nanostructures, including pores in semiconductors. [MRS Online Proceedings Library](#), 1534, opl.2013.292.

*99 Garcia-Pastor, F. A., Lopez-Garcia, R. D., Alfaro-Lopez, E., & Castro-Roman, M. J. (2013). Finite Element Simulation of Steel Quench Distortion- Parametric Analysis of Processing Variables. [MRS Online Proceedings Library](#), 1485, opl.2013.209.

100 Ibarra-Villegas, F. J., Ortega-Cisneros, S., Sandoval-Ibarra, F., Raygoza-Panduro, J. J. & Rivera-Dominguez, J. (2013). Design of capacitive MEMS transverse-comb accelerometers with test hardware. [Superficies y Vacio](#), 26(1), 4-12.

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

101 Zhang, H. G., Jiang, B. & Yu, W. (2013). Data-Driven Fault Supervisory Control Theory and Applications. [Mathematical Problems in Engineering](#), 2013, 387341.

102 Gonzalez-Pacheco, B. E. & Silva-Rosales, L. (2013). First Report of Impatiens Necrotic Spot Virus in Mexico in Tomatillo and Pepper Plants. [Plant Disease](#), 97(8), 1124.

103 Silva-Rosales, L., Vazquez-Sanchez, M. N., Gallegos, V., Ortiz-Castellanos, M. L., Rivera-Bustamante, R., Davalos-Gonzalez, P. A. & Jofre-Garfias, A. E. (2013). First Report of Fragaria Chiloensis Cryptic Virus, Fragaria Chiloensis Latent Virus, Strawberry Mild Yellow Edge Virus, Strawberry Necrotic Shock Virus, and Strawberry Pallidosis Associated Virus in Single and Mixed Infections in Strawberry in Central Mexico. [Plant Disease](#), 97(7), 1002.

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

*104 Rosas, M. B. R., Labrujere, S., Villalon, C. M. & Vandenbrink, A. M. (2013). Activation of 5-Hydroxytryptamine(1b/1d/1f) Receptors as a Mechanism of Action of Antimigraine Drugs. [Expert Opinion on Pharmacotherapy](#), 14(12), 1599-1610.

105 Tiessen, A. & Padilla-Chacon, D. (2013). Subcellular compartmentation of sugar signaling: links among carbon cellular status, route of sucrolysis, sink-source allocation, and metabolic partitioning. [Frontiers in Plant Physiology](#), 4(Jan.), 306.

106 Castro-Munozledo, F. (2013). Review: Corneal Epithelial Stem Cells, Their Niche and Wound Healing. [Molecular Vision](#), 19, 1600-1613.

Última actualización: Septiembre 2, 2013 9:59 a.m.



ARTÍCULOS DEL MES DE SEPTIEMBRE DE 2013

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

- 1 Alvarez-Pena, C. & Porter, R. M. (2013). Appell Bases for Monogenic Functions of Three Variables. [Advances in Applied Clifford Algebras](#), 23(3), 547-560.
- 2 Azcorra, H., Varela-Silva, M. I., Rodriguez, L., Bogin, B. & Dickinson, F. (2013). Nutritional Status of Maya Children, Their Mothers, and Their Grandmothers Residing in the City of Merida, Mexico: Revisiting the Leg-Length Hypothesis. [American Journal of Human Biology](#), 25(5), 659-665.
- 3 Vazquez-Vazquez, A., Azcorra, H., Falfan, I., Argaez, J., Kantun, D. & Dickinson, F. (2013). Effects of Maya Ancestry and Environmental Variables on Knee Height and Body Proportionality in Growing Individuals in Merida, Yucatan. [American Journal of Human Biology](#), 25(5), 586-593.
- 4 Perez, I. O., Villavicencio, M., Simon, S. A. & Gutierrez, R. (2013). Speed and Accuracy of Taste Identification and Palatability: Impact of Learning, Reward Expectancy, and Consummatory Licking. [American Journal of Physiology-Regulatory Integrative and Comparative Physiology](#), 305(3), R252-R270.
- 5 Leon, B. S., Alanis, A. Y., Sanchez, E. N., Ornelas-Tellez, F. & Ruiz-Velazquez, E. (2013). Neural Inverse Optimal Control Applied to Type 1 Diabetes Mellitus Patients. [Analog Integrated Circuits and Signal Processing](#), 76(3), 343-352.
- 6 Enriquez, M. & Rosas-Ortiz, O. (2013). The Kronecker product in terms of Hubbard operators and the Clebsch-Gordan decomposition of SU(2) x SU(2). [Annals of Physics](#), 339, 218-265.
- 7 Castillo-Perez, R., Kravchenko, V. V. & Torba, S. M. (2013). Spectral parameter power series for perturbed Bessel equations. [Applied Mathematics and Computation](#), 220, 676-694.
- 8 Araneda, M. E., Hernandez, J. M., Gasca-Leyva, E. & Vela, M. A. (2013). Growth modelling including size heterogeneity: Application to the intensive culture of white shrimp (*P. vannamei*) in freshwater. [Aquacultural Engineering](#), 56, 1-12.
- 9 Romero-Tlalolini, M. A., Olmos, P. C. & Garrido, E. (2013). Differential Dna Methylation Patterns in the Cd86 Gene Controls Its Constitutive Expression in Keratinocytes. [Biochemical and Biophysical Research Communications](#), 438(1), 54-60.
- 10 Gross, S. M., Martin, J. A., Simpson, J., Abraham-Juarez, M. J., Wang, Z. & Visel, A. (2013). De Novo Transcriptome Assembly of Drought Tolerant Cam Plants, *Agave Deserti* and *Agave Tequilana*. [Bmc Genomics](#), 14, 563.
- 11 Castillo-Sanchez, R., Villegas-Comonfort, S., Galindo-Hernandez, O., Gomez, R. & Salazar, E. P. (2013). Benzo-[a]-Pyrene Induces Fak Activation and Cell Migration in Mda-Mb-231 Breast Cancer Cells. [Cell Biology and Toxicology](#), 29(4), 303-319.

12 Mendoza-Mendoza, E., Montemayor, S. M., Maczka, M., Marciniak, L. & Fuentes, A. F. (2013). A facile and "green-chemistry" method to synthesize pure and Nd-doped Y₃Al₅O₁₂ nanopowders at low-temperatures. [Ceramics International](#), 39(8), 9405-9414.

*13 Pan, S., Jalife, S., Kumar, R. M., Subramanian, V., Merino, G. & Chattaraj, P. K. (2013). Structure and Stability of (Ng)(N)Cn3be3+ Clusters and Comparison With (Ng)Bey0/+/. [Chemphyschem](#), 14(11), 2511-2517.

14 Hernandez-Gonzalez, M., Basin, M. V. & Loukianov, A. G. (2013). Optimal Filtering for Polynomial Systems Over Switching Delayed Observations. [Circuits Systems and Signal Processing](#), 32(5), 2353-2370.

15 Ibarra-Zannatha, J. M., Malo-Tamayo, A. J., Gomez-Sanchez, A. D., Lavin-Delgado, J. E., Rodriguez-Cheu, L. E. & Sierra-Arevalo, W. A. (2013). Development of a system based on 3D vision, interactive virtual environments, ergonomic signals and a humanoid for stroke rehabilitation. [Computer Methods and Programs in Biomedicine](#), 112(2), 239-249.

16 Giraldo-Betancur, A. L., Espinosa-Arbelaez, D. G., Del Real-Lopez, A., Millan-Malo, B. M., Rivera-Munoz, E. M., Gutierrez-Cortez, E., Pineda-Gomez, P., Jimenez-Sandoval, S. & Rodriguez-Garcia, M. E. (2013). Comparison of Physicochemical Properties of Bio and Commercial Hydroxyapatite. [Current Applied Physics](#), 13(7), 1383-1390.

*17 Moreno-Barcenas, A., Manzano-Ramirez, A., Reyes-Araiza, J. L. et al. (2013). Effect of Purification on the Electrical Properties of Nanocomposites Reinforced With Multiwalled Carbon Nanotubes. [Current Organic Chemistry](#), 17(17), 1830-1837.

*18 Manzano-Ramirez, A., Moreno-Barcenas, A., Apatiga-Castro, M., Rivera-Munoz, E. M. & Velazquez-Castillo, R. (2013). An Overview of Carbon Nanotubes: Synthesis, Purification and Characterization. [Current Organic Chemistry](#), 17(17), 1858-1866.

19 Chan-Navarro, R., Jimenez-Perez, V. M., Munoz-Flores, B. M. et al. (2013). Luminescent organoboron compounds derived from salicylidenebenzohydrazide: Synthesis, characterization, structure, and photophysical properties. [Dyes and Pigments](#), 99(3), 1036-1043.

20 Torres-Sanchez, L., Schnaas, L., Rothenberg, S. J., Cebrian, M. E., Osorio-Valencia, E., Hernandez, M. D., Garcia-Hernandez, R. M. & Lopez-Carrillo, L. (2013). Prenatal P,P '-Dde Exposure and Neurodevelopment Among Children 3.5-5 Years of Age. [Environmental Health Perspectives](#), 121(2), 263-268.

21 Avelar, M., Bonilla-Heredia, B., Merino-Ibarra, M., Herrera-Silveira, J. A., Ramirez, J., Rosas, H., Valdespino, J., Carricart-Ganivet, J. P. & Martinez, A. (2013). Iron, Cadmium, and Chromium in Seagrass (*Thalassia Testudinum*) From a Coastal Nature Reserve in Karstic Yucatan. [Environmental Monitoring and Assessment](#), 185(9), 7591-7603.

22 Besio, W., Cuellar-Herrera, M., Luna-Munguia, H., Orozco-Suarez, S. & Rocha, L. (2013). Effects of Transcranial Focal Electrical Stimulation Alone and Associated With a Sub-Effective Dose of Diazepam on Pilocarpine-Induced Status Epilepticus and Subsequent Neuronal Damage in Rats. [Epilepsy & Behavior](#), 28(3), 432-436.

- 23 Tolomelli, A., Baiula, M., Belvisi, L. et al. (2013). Modulation of Alpha(V)Beta(3)- and Alpha(5)Beta(1)-Integrin-Mediated Adhesion by Dehydro-Beta-Amino Acids Containing Peptidomimetics. [European Journal of Medicinal Chemistry](#), 66, 258-268.
- 24 Villamil-Hernandez, M. T., Alcantara-Vazquez, O., Sanchez-Lopez, A. & Centurion, D. (2013). Pharmacological identification of alpha1- and alpha2-adrenoceptor subtypes involved in the vasopressor responses induced by ergotamine in pithed rats. [European Journal of Pharmacology](#), 715(1-3), 262-269.
- 25 Olgun, D., Rubio-Ponce, A. & Cantarero, A. (2013). Ab Initio Electronic Band Structure Study of Iii-Vi Layered Semiconductors. [European Physical Journal B](#), 86(8), 350.
- 26 Abbas, E., Abelev, B., Adam, J. et al. (2013). Mid-Rapidity Anti-Baryon to Baryon Ratios in Pp Collisions at Root S=0.9, 2.76 And 7 Tev Measured by Alice. [European Physical Journal C](#), 73(7), 2496.
- 27 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Physics Beyond the Standard Model in Events With Tau Leptons, Jets, and Large Transverse Momentum Imbalance in Pp Collisions at Root S=7 Tev. [European Physical Journal C](#), 73(7), 2493.
- 28 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of Masses in the T(T)Over-Tilde System by Kinematic Endpoints in Pp Collisions at Root S=7 Tev. [European Physical Journal C](#), 73(7), 2494.
- 29 Suaste-Gomez, E. (2013). Porous ferroelectric ceramic as gas sensor based on BaTiO₃/SiO₂. [Ferroelectrics](#), 445, 88-95.
- 30 Ruiz de Alegria-Arzaburu, A., Marino-Tapia, I., Enriquez, C., Silva, R. & Gonzalez-Leija, M. (2013). The role of fringing coral reefs on beach morphodynamics. [Geomorphology](#), 198, 69-83.
- 31 Ponsich, A., Jaimes, A. L. & Coello, C. A. C. (2013). A Survey on Multiobjective Evolutionary Algorithms for the Solution of the Portfolio Optimization Problem and Other Finance and Economics Applications. [Ieee Transactions on Evolutionary Computation](#), 17(3), 321-344.
- 32 Garcia-Diaz, C., Ponce-Noyola, M. T., Esparza-Garcia, F., Rivera-Orduna, F. & Barrera-Cortes, J. (2013). PAH removal of high molecular weight by characterized bacterial strains from different organic sources. [International Biodeterioration & Biodegradation](#), 85, 311-322.
- 33 Treesatayapun, C. (2013). Discrete-Time Direct Adaptive Control for Robotic Systems Based on Model-Free and if-Then Rules Operation. [International Journal of Advanced Manufacturing Technology](#), 68(1-4), 575-590.
- 34 Treesatayapun, C. (2013). Grasping Force Controller for Parallel Grip With Fuzzy Rules Emulated Networks. [International Journal of Advanced Manufacturing Technology](#), 68(1-4), 45-55.
- 35 Vazquez, J. A. & Velasco-Villa, M. (2013). Design and real-time control of a 4-DOF biped robot. [International Journal of Advanced Robotic Systems](#), 10, 312.

- 36 Lopez-Romero, R., Garrido-Guerrero, E., Rangel-Lopez, A., Manuel-Apolinar, L., Pina-Sanchez, P., Lazos-Ochoa, M., Mantilla-Morales, A., Bandala, C. & Salcedo, M. (2013). The cervical malignant cells display a down regulation of ER-alpha retain the ER-Beta expression. [International Journal of Clinical and Experimental Pathology](#), 6(8), 1594-1602.
- 37 Chavez-Ulloa, E., Camacho-Chab, R., Sosa-Baz, M., Castro-Borges, P. & Perez-Lopez, T. (2013). Corrosion Process of Reinforced Concrete by Carbonation in a Natural Environment and an Accelerated Test Chamber. [International Journal of Electrochemical Science](#), 8(7), 9015-9029.
- 38 Corona-Guinto, J. L., Cardeno-Garcia, L., Martinez-Casillas, D. C., Sandoval-Pineda, J. M., Tamayo-Meza, P., Silva-Casarín, R. & Gonzalez-Huerta, R. G. (2013). Performance of a PEM electrolyzer using RuIrCoO_x electrocatalysts for the oxygen evolution electrode. [International Journal of Hydrogen Energy](#), 38(28), 12667-12673.
- 39 Escamilla-Alvarado, C., Ponce-Noyola, T., Rios-Leal, E. & Poggi-Varaldo, H. M. (2013). A multivariable evaluation of biohydrogen production by solid substrate fermentation of organic municipal wastes in semi-continuous and batch operation. [International Journal of Hydrogen Energy](#), 38(28), 12527-12538.
- 40 Martinez-Casillas, D. C., Calderon, H. A., Collins-Martinez, V. & Solorza-Feria, O. (2013). Pd5Cu4Pt oxygen reduction nanocatalyst for PEM fuel cells. [International Journal of Hydrogen Energy](#), 38(28), 12674-12680.
- 41 Munoz-Paez, K. M., Ruiz-Ordaz, N., Garcia-Mena, J. et al. (2013). Comparison of biohydrogen production in fluidized bed bioreactors at room temperature and 35 °C. [International Journal of Hydrogen Energy](#), 38(28), 12570-12579.
- 42 Ortega-Martinez, A. C., Juarez-Lopez, K., Solorza-Feria, O., Ponce-Noyola, M. T., Galindez-Mayer, J., Rinderknecht-Seijas, N. & Poggi-Varaldo, H. M. (2013). Analysis of microbial diversity of inocula used in a five-face parallelepiped and standard microbial fuel cells. [International Journal of Hydrogen Energy](#), 38(28), 12589-12599.
- 43 Reyes-Rodriguez, J. L., Godinez-Salomon, F., Leyva, M. A. & Solorza-Feria, O. (2013). RRDE study on Co@Pt/C core-shell nanocatalysts for the oxygen reduction reaction. [International Journal of Hydrogen Energy](#), 38(28), 12634-12639.
- 44 Sanchez-Padilla, N. M., Montemayor, S. M., Torres, L. A. & Rodriguez-Varela, F. J. (2013). Fast synthesis and electrocatalytic activity of M@Pt (M = Ru, Fe₃O₄, Pd) core-shell nanostructures for the oxidation of ethanol and methanol. [International Journal of Hydrogen Energy](#), 38(28), 12681-12688.
- 45 Sathish-Kumar, K., Solorza-Feria, O., Tapia-Ramirez, J., Rinderkenecht-Seijas, N. & Poggi-Varaldo, H. M. (2013). Electrochemical and chemical enrichment methods of a sodic-saline inoculum for microbial fuel cells. [International Journal of Hydrogen Energy](#), 38(28), 12600-12609.
- 46 Martinez-Guerra, R., Mata-Machuca, J. L. & Rincon-Pasaye, J. J. (2013). Fault Diagnosis Viewed as a Left Invertibility Problem. [Isa Transactions](#), 52(5), 652-661.

- 47 Ordonez-Miranda, J., Yang, R. G. & Alvarado-Gil, J. J. (2013). A Crowding Factor Model for the Thermal Conductivity of Particulate Composites at Non-Dilute Limit. [Journal of Applied Physics](#), 114(6), 064306.
- 48 Hernandez, S. I. D., Flores-Aguilar, H., Gonzalez-Mateos, S., Lopez-Martinez, I., Ortiz-Navarrete, V., Ludert, J. E. & Del Angel, R. M. (2013). Viral Load in Patients Infected With Dengue Is Modulated by the Presence of Anti-Dengue IgM Antibodies. [Journal of Clinical Virology](#), 58(1), 258-261.
- 49 Cruz-Hernandez, E., Ramirez-Lopez, M., Perez-Caro, M., Mani-Gonzalez, P. G., Herrera-Gomez, A., Gorbatchev, A. Y., Lopez-Lopez, M. & Mendez-Garcia, V. H. (2013). Study of the Pseudo-(1 X 1) Surface by Rheed and Xps for Ingan/Gan (0001)/Al₂O₃ Heterostructures Grown by Pa-Mbe. [Journal of Crystal Growth](#), 378, 295-298.
- 50 Torba, S. M. & Zuniga-Galindo, W. A. (2013). Parabolic Type Equations and Markov Stochastic Processes on Adeles. [Journal of Fourier Analysis and Applications](#), 19(4), 792-835.
- 51 Bauer, W. & Vasilevski, N. (2013). On the structure of commutative Banach algebras generated by Toeplitz operators on the unit ball. Quasi-elliptic case. I: Generating subalgebras. [Journal of Functional Analysis](#), 265(11), 2956-2990.
- 52 Jimenez-Andrade, G. Y., Ibarra-Sanchez, A., Gonzalez, D., Lamas, M. & Gonzalez-Espinosa, C. (2013). Immunoglobulin E induces VEGF production in mast cells and potentiates their protumorigenic actions through a Fyn kinase-dependent mechanism. [Journal of Hematology & Oncology](#), 6, 56.
- 53 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the T(T)Over-Bar Production Cross Section in the All-Jet Final State in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (5), 065.
- 54 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the Lambda(0)(B) Lifetime in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (7), 163.
- 55 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Searches for Long-Lived Charged Particles in Pp Collisions at Root S=7 and 8 Tev. [Journal of High Energy Physics](#), (7), 122.
- 56 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Study of Exclusive Two-Photon Production of W+W- in Pp Collisions at Root S=7 Tev and Constraints on Anomalous Quartic Gauge Couplings. [Journal of High Energy Physics](#), (7), 116.
- 57 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Microscopic Black Holes in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (7), 178.
- 58 Alvarez, G., Contreras, J., Conde-Gallardo, A., Montiel, H. & Zamorano, R. (2013). Detection of para-antiferromagnetic transition in Bi₂Fe₄O₉ powders by means of microwave absorption measurements. [Journal of Magnetism and Magnetic Materials](#), 348, 17-21.

- 59 Gomez-Reyes, J. F. & Ariza-Castolo, A. (2013). Aliasing Functions and a Dynamic Approach to Optimizing Spectral Widths in 2d Experiments. [Journal of Mathematical Chemistry](#), 51(8), 1961-1980.
- 60 Madariaga-Mazon, A., Gonzalez-Andrade, M., Gonzalez, M. D. C., Glenn, A. E., Cerdá-García-Rojas, C. M. & Mata, R. (2013). Absolute Configuration of Acremoxanthone C, a Potent Calmodulin Inhibitor From *Purpureocillium lilacinum*. [Journal of Natural Products](#), 76(8), 1454-1460.
- 61 Camacho-Perez, B., Rios-Leal, E., Solorza-Feria, O., Vazquez-Landaverde, P. A., Barrera-Cortes, J., Ponce-Noyola, M. T., Garcia-Mena, J., Rinderknecht-Seijas, N. & Poggi-Varaldo, H. M. (2013). Performance of an electrobiochemical slurry reactor for the treatment of a soil contaminated with lindane. [Journal of New Materials for Electrochemical Systems](#), 16, 217-228.
- 62 Vilaplana, R., Gomis, O., Manjon, F. J. et al. (2013). Lattice Dynamics Study of Hg₂Se₄ at High Pressures. [Journal of Physical Chemistry C](#), 117(30), 15773-15781.
- 63 Venkatesan, R., Velumani, S., Tabellout, M., Errien, N. & Kassiba, A. (2013). Dielectric behavior, conduction and EPR active centres in BiVO₄ nanoparticles. [Journal of Physics and Chemistry of Solids](#), 74(12), 1695-1702.
- 64 De Los Santos-Villalobos, S., De Folter, S., Delano-Frier, J. P., Gomez-Lim, M. A., Guzman-Ortiz, D. A. & Pena-Cabriales, J. J. (2013). Growth Promotion and Flowering Induction in Mango (*Mangifera indica* L. Cv "Ataulfo") Trees by Burkholderia and Rhizobium Inoculation: Morphometric, Biochemical, and Molecular Events. [Journal of Plant Growth Regulation](#), 32(3), 615-627.
- 65 Lopez-Badillo, C. M., Lopez-Cuevas, J., Gutierrez-Chavarria, C. A., Rodriguez-Galicia, J. L. & Pech-Canul, M. I. (2013). Synthesis and characterization of BaAl₂Si₂O₈ using mechanically activated precursor mixtures containing coal fly ash. [Journal of the European Ceramic Society](#), 33(15-16), 3287-3300.
- 66 Trickey, S. B. & Vela, A. (2013). Explicit particle-number dependence in density functional theory. [Journal of the Mexican Chemical Society](#), 57(2), 105-110.
- 67 Aguilar-Gonzalez, M. A., Mendoza-Suarez, G. & Padmasree, K. P. (2013). Synthesis and characterization of barium ferrite-silica nanocomposites. [Materials Characterization](#), 84, 175-181.
- 68 Davis, M. P. A., Van Dongen, S., Abreu-Goodger, C., Bartonicek, N. & Enright, A. J. (2013). Kraken: A set of tools for quality control and analysis of high-throughput sequence data. [Methods](#), 63(1), 41-49.
- 69 Martinez-Gomez, V., Perez-Garibay, R. & Rubio, J. (2013). Factors involving the solids-carrying flotation capacity of microbubbles. [Minerals Engineering](#), 53, 160-166.
- 70 Noda-Garcia, L., Camacho-Zarco, A. R., Medina-Ruiz, S., Gaytan, P., Carrillo-Tripp, M., Fulop, V. & Barona-Gomez, F. (2013). Evolution of Substrate Specificity in a Recipient's Enzyme Following Horizontal Gene Transfer. [Molecular Biology and Evolution](#), 30(9), 2024-2034.

71 Pfeiler, E., Johnson, S., Polihronakis-Richmond, M. & Markow, T. A. (2013). Population genetics and phylogenetic relationships of beetles (Coleoptera: Histeridae and Staphylinidae) from the Sonoran Desert associated with rotting columnar cacti. *Molecular Phylogenetics and Evolution*, 69(3), 491-501.

*72 Rangel, R., Garcia-Espinoza, J. D., Espitia, I., Quintana, P., Bartolo-Perez, P., Alvarado-Gil, J. J. & Trejo-Tzab, R. (2013). Synthesis of Mesoporous of Nyti1-Xcexo2-Y Structures and Its Visible Light Induced Photocatalytic Performance. *Nano*, 8(5), 1350051.

*73 Munoz, M. A., Bucio, M. A. & Joseph-Nathan, P. (2013). Chiroptical Studies of Flavanone. *Natural Product Communications*, 8(8), 1075-1078.

74 Lopez-Chau, A., Li, X. & Yu, W. (2013). Convex and concave hulls for classification with support vector machine. *Neurocomputing*, 122, 198-209.

75 Cervantes-Duran, C., Rocha-Gonzalez, H. I. & Granados-Soto, V. (2013). Peripheral and spinal 5-HT receptors participate in the pronociceptive and antinociceptive effects of fluoxetine in rats. *Neuroscience*, 252, 396-409.

76 Velasco-Xolalpa, M. E., Barragan-Iglesias, P., Roa-Coria, J. E., Godinez-Chaparro, B., Flores-Murrieta, F. J., Torres-Lopez, J. E., Araiza-Saldana, C. I., Navarrete, A. & Rocha-Gonzalez, H. I. (2013). Role of hydrogen sulfide in the pain processing of non-diabetic and diabetic rats. *Neuroscience*, 250, 786-797.

77 Alfaro-Rodriguez, A., Alonso-Spilsbury, M., Arch-Tirado, E., Gonzalez-Pina, R., Arias-Montano, J. A. & Bueno-Nava, A. (2013). Histamine H3 receptor activation prevents dopamine D1 receptor-mediated inhibition of dopamine release in the rat striatum: A microdialysis study. *Neuroscience Letters*, 552, 5-9.

78 Soberanes-Chavez, P., Lopez-Rubalcava, C., De Gortari, P. & Cruz, S. L. (2013). Exposure to toluene and stress during pregnancy impairs pups' growth and dams' lactation. *Neurotoxicology and Teratology*, 40, 9-16.

79 Manjarrez-Gutierrez, G., Gonzalez-Ramirez, M., De Oca, A. B. M., Herrera-Marquez, R. & Hernandez-Rodriguez, J. (2013). Serotonin and Dopamine in the Hypothalamus of Control and Malnourished Mother Rats During Pregnancy and Lactation and Body Composition of Their Offspring. *Nutritional Neuroscience*, 16(5), 225-232.

80 Blanco-Alvarez, V. M., Lopez-Moreno, P., Soto-Rodriguez, G. et al. (2013). Subacute Zinc Administration and L-Name Caused an Increase of NO, Zinc, Lipoperoxidation, and Caspase-3 During a Cerebral Hypoxia-Ischemia Process in the Rat. *Oxidative Medicine and Cellular Longevity*, 2013, 240560.

81 Ocadiz-Ruiz, R., Fonseca, W., Martinez, M. B., Ocadiz-Quintanar, R., Orozco, E. & Rodriguez, M. A. (2013). Effect of the Silencing of the Ehcp112 Gene on the in Vitro Virulence of Entamoeba Histolytica. *Parasites & Vectors*, 6, 248.

- 82 Perez-Rangel, A., Hernandez, J. M., Castillo-Romero, A. et al. (2013). Albendazole and Its Derivative Jvg9 Induce Encystation on Giardia Intestinalis Trophozoites. [Parasitology Research](#), 112(9), 3251-3257.
- 83 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the Z₂ Production Cross Section and Search for the Standard Model Higgs Boson in the Four Lepton Final State in P(P)Over-Bar Collisions. [Physical Review D](#), 88(3), 032008.
- 84 Roig, P., Guevara, A. & Castro, G. L. (2013). Weak Radiative Pion Vertex in Tau(-) → Pi(-) Nu(Tau)L(+)L(-) Decays. [Physical Review D](#), 88(3), 033007.
- 85 Hernandez-Contreras, M. (2013). Translational and Rotational Dynamics of Colloidal Particles in Suspension: Effect of Shear. [Physical Review E](#), 88(2), 022317.
- 86 Perez, J. A. V., Guzman, O. & Navarro-Garcia, F. (2013). Steric Contribution of Macromolecular Crowding to the Time and Activation Energy for Preprotein Translocation Across the Endoplasmic Reticulum Membrane. [Physical Review E](#), 88(1), 012725.
- 87 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Inclusive Search for Supersymmetry Using Razor Variables in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 111(8), 081802.
- 88 Gurevich, Y. G. & Meriuts, A. V. (2013). Dember effect: Problems and solutions. [Physics Letters A](#), 377(38), 2673-2675.
- 89 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the Differential Cross Sections for Isolated Direct Photon Pair Production in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physics Letters B](#), 725(1-3), 6-14.
- 90 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Searches for Higgs Bosons in Pp Collisions at Root S=7 and 8 Tev in the Context of Four-Generation and Fermiophobic Models. [Physics Letters B](#), 725(1-3), 36-59.
- 91 Camelo-Mendez, G. A., Ragazzo-Sanchez, J. A., Jimenez-Aparicio, A. R., Vanegas-Espinoza, P. E., Paredes-Lopez, O. & Del Villar-Martinez, A. A. (2013). Comparative Study of Anthocyanin and Volatile Compounds Content of Four Varieties of Mexican Roselle (*Hibiscus Sabdariffa* L.) By Multivariable Analysis. [Plant Foods for Human Nutrition](#), 68(3), 229-234.
- 92 Guzman-Rodriguez, J. J., Ibarra-Laclette, E., Herrera-Estrella, L. et al. (2013). Analysis of Expressed Sequence Tags (ESTs) From Avocado Seed (*Persea Americana* Var. *Drymifolia*) Reveals Abundant Expression of the Gene Encoding the Antimicrobial Peptide Snakin. [Plant Physiology and Biochemistry](#), 70, 318-324.
- 93 Aguilar-Hernandez, V., Medina, J., Aguilar-Henonin, L. & Guzman, P. (2013). Expansion and Diversification of Btl Ring-H2 Ubiquitin Ligases in Angiosperms: Putative Rabring7/Bca2 Orthologs. [Plos One](#), 8(8), e72729.

- 94 Ochoa-Leyva, A., Montero-Moran, G., Saab-Rincon, G., Brieba, L. G. & Soberon, X. (2013). Alternative Splice Variants in Tim Barrel Proteins From Human Genome Correlate With the Structural and Evolutionary Modularity of This Versatile Protein Fold. *Plos One*, 8(8), e70582.
- 95 Hauger, R. L., Olivares-Reyes, J. A., Braun, S., Hernandez-Aranda, J., Hudson, C. C., Gutknecht, E., Dautzenberg, F. M. & Oakley, R. H. (2013). Desensitization of human CRF2(a) receptor signaling governed by agonist potency and Beta-arrestin2 recruitment. *Regulatory Peptides*, 186, 62-76.
- 96 Arellano, L., Leon-Cortes, J. L., Halffter, G. & Montero, J. (2013). Acacia Woodlots, Cattle and Dung Beetles (Coleoptera: Scarabaeinae) in a Mexican Silvopastoral Landscape. *Revista Mexicana De Biodiversidad*, 84(2), 650-660.
- 97 Alarcon-Flores, G., Vasquez-Perez, B., Pelaez-Rodriguez, A., Villa-Garcia, M., Carmona-Tellez, S., Luna-Guzman, J. A., Falcony, C. & Aguilar-Frutis, M. (2013). Electrical and Structural Characteristics of Spray Deposited (Zno)(X)-(Cdo)(1-X) Thin Films. *Revista Mexicana De Fisica*, 59(5), 403-411.
- 98 Camargo-Martinez, J. A. & Baquero, R. (2013). The Band Gap Problem: the Accuracy of the Wien2k Code Confronted. *Revista Mexicana De Fisica*, 59(5), 453-459.
- 99 Juarez, S. R., Morales, D. & Kielanowski, P. (2013). Quartic Couplings, Masses and Thresholds in the Basic Extension of the Standard Model. *Revista Mexicana De Fisica*, 59(5), 460-470.
- 100 Torres, R. & Baquero, R. (2013). Metallic Behaviour at Ybacuo7/Zas Interfaces (G=Ga, Al). *Revista Mexicana De Fisica*, 59(5), 493-497.
- 101 Veleva, L., Estrella-Gutierrez, M. A., Dobrovolska, T. & Krastev, I. (2013). Cobalt-Indium Alloys Electrodeposition From Citrate Electrolyte and Spatio-Temporal Patterns Formation. *Revista Mexicana De Ingenieria Quimica*, 12(2), 345-350.
- 102 Vega-Rivera, N. M., Lopez-Rubalcava, C., Paez-Martinez, N., Castro, M. & Estrada-Camarena, E. M. (2013). Interaccion estrogeno-noradrenalina en la depresion. *Salud Mental*, 36(4), 331-336.
- 103 Benhaliliba, M., Benouis, C. E., Mouffak, Z., Ocak, Y. S., Tiburcio-Silver, A., Aida, M. S., Garcia, A. A., Tavira, A. & Sanchez Juarez, A. (2013). Preparation and characterization of nanostructures of in-doped ZnO films deposited by chemically spray pyrolysis: Effect of substrate temperatures. *Superlattices and Microstructures*, 63, 228-239.
- *104 Velazquez-Cruz, E. I., Anaya-Castillejos, K. M., Martinez-Martinez, R., Soto-Guzman, A. B. & Falcony, C. (2013). Characterization of a Heterostructure TiO₂/SnO₂:F/Substrate With Two Different Geometries, Prepared by Spray Pyrolysis to Be Used as Photocatalyst. *Surface Review and Letters*, 20(3-4), 1350042.
- *105 Ruiz-Martinez, G., Silva-Casarin, R. & Posada-Vanegas, G. (2013). Morphodynamic Comparison of the Northeast Shoreline of Quintana Roo, Mexico. *Tecnologia y Ciencias del Agua*, 4(3), 47-65.
- 106 Jimenez-Sanchez, A., Farfan, N. & Santillan, R. (2013). A reversible fluorescent-colorimetric Schiff base sensor for Hg²⁺ ion. *Tetrahedron Letters*, 54(39), 5279-5283.

107 Enriquez-Cortina, C., Almonte-Becerril, M., Clavijo-Cornejo, D. et al. (2013). Hepatocyte Growth Factor Protects Against Isoniazid/Rifampicin-Induced Oxidative Liver Damage. *Toxicological Sciences*, 135(1), 26-36.

108 Cortes-Malagon, E. M., Bonilla-Delgado, J., Diaz-Chavez, J. et al. (2013). Gene expression profile regulated by the HPV16 E7 oncoprotein and estradiol in cervical tissue. *Virology*, 447(1-2), 155-165.

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

109 Elyukhin, V. A. (2013). Nanoscale order in ZnTe:(Cd, O). *Advanced Materials Research*, 740, 483-487.

110 Neme, A., Hernandez, S., Dey, T., Munoz-Quiroz, A. B. & Pulido, J. R. G. (2013). Computational study of stylistics: visualizing the writing style with self-organizing maps. *Advances in Intelligent Systems and Computing*, 198, 265-274.

111 Sanchez-Casco, M., Dumonteil, E. & Ortega-Lopez, J. (2013). Production optimisation of a DNA vaccine candidate against leishmaniasis in flask culture. *African Journal of Biotechnology*, 12(31), 4874-4880.

112 Turijan-Rivera, J. A., Machorro-Fernandez, F. A., Ruiz-Sanchez, F. J., Parra-Vega, V. & Dominguez-Ramirez, O. A. (2013). NASA-TLX assessment of modern close loop controllers in haptic guidance for assisted rehabilitation. *Biosystems & Biorobotics*, 1, 243-247.

113 Lugo-Villeda, M. A., Ruiz-Sanchez, F. J., Dominguez-Ramirez, O. A. & Parra-Vega, V. (2013). Robotic design of an upper limb exoskeleton for motion analysis and rehabilitation of paediatric neuromuscular disorders. *Biosystems & Biorobotics*, 1, 265-269.

114 Turijan-Rivera, J. A., Ruiz-Sanchez, F. J., Dominguez-Ramirez, O. A. & Parra-Vega, V. (2013). Modular platform for haptic guidance in paediatric rehabilitation of upper limb neuromuscular disabilities. *Biosystems & Biorobotics*, 1, 925-929.

115 Martin, M., Chavez, D., Bejar, J., Esposito, G., Rodriguez, E., Cortes, U. & Rudomin, P. (2013). Intersegmental synchronization of spontaneous cord dorsum potentials as a clinical parameter to evaluate changes in neuronal connectivity produced by peripheral nerve and spinal cord damage. *Biosystems & Biorobotics*, 1, 563-567.

116 Rios-Gutierrez, M. & Silva-Navarro, G. (2013). Active Vibration Control in Building-Like Structures Using Piezoelectric Actuators and Positive Acceleration Feedback. *Dyna-Colombia*, 80(179), 116-125.

117 Afshar, N., Argunhan, B., Bettledi, L., Szular, J. & Missirlis, F. (2013). A recessive x-linked mutation causes a threefold reduction of total body zinc accumulation in Drosophila melanogaster laboratory strains. *Febs Open Bio*, 3, 302-304.

118 Lopez-Beltran, C. & Deister, V. G. (2013). Scientific Approaches to the Mexican Mestizo. *Historia Ciencias Saude-Manguinhos*, 20(2), 388-406.

119 Tirado-Mendez, J. A., Jardon-Aguilar, H. & Linares-Miranda, R. (2013). Reduced Length Strip Dipole Antenna With Dms and Stub Loading Without Efficiency Degradation. *Journal of Electromagnetic Waves and Applications*, 27(14), 1815-1829.

120 Martinez-Rodriguez, J. L., Sosa-Sosa, V. J. & Lopez-Arevalo, I. (2013). Automatic discovery of Web content related to IT in the mexican Internet based on supervised classifiers. *Lecture Notes in Artificial Intelligence*, 7629, 107-118.

121 Navarro, C., Treesatayapun, C. & Baltazar, A. (2013). Determination of the instantaneous initial contact point on a parallel gripper using a multi input fuzzy rules emulated network controller with feedback from ultrasonic and force sensors. *Lecture Notes in Artificial Intelligence*, 7629, 261-272.

122 Neme, A., Hernandez, S. & Carrion, V. (2013). Identification of the minimal set of attributes that maximizes the information towards the author of a political discourse: the case of the candidates in the mexican presidential elections. *Lecture Notes in Artificial Intelligence*, 7630, 81-90.

123 Ruiz-Mireles, K., Lopez-Arevalo, I. & Sosa-Sosa, V. (2013). Semantic classification of posts in social networks by means of concept hierarchies. *Lecture Notes in Artificial Intelligence*, 7630, 104-114.

124 Baruch, I., Hernandez-Manzano, S. M. & Moreno-Cruz, J. (2013). Recurrent neural identification and I-term sliding mode control of a vehicle system using Levenberg-Marquardt learning. *Lecture Notes in Artificial Intelligence*, 7630, 304-316.

125 Cruz-Vega, I., Moreno-Ahedo, L. & Yu-Liu, W. (2013). Indirect adaptive control with fuzzy neural networks via kernel smoothing. *Lecture Notes in Artificial Intelligence*, 7630, 386-398.

126 Rodriguez, J., Romero, M. & Bravo, M. (2013). Dynamic context for document search and recovery. *Lecture Notes in Computer Science*, 7971, 452-463.

127 Bravo, M., Pascual, J. & Rodriguez, J. (2013). Semantic representation of public Web service descriptions. *Lecture Notes in Computer Science*, 7975, 636-651.

*128 Felix, R., Calderon-Rivera, A. & Andrade, A. (2013). Regulation of High-Voltage-Activated Ca²⁺ Channel Function, Trafficking, and Membrane Stability by Auxiliary Subunits. *Wiley Interdisciplinary Reviews-Membrane Transport and Signaling*, 2(5), 207-220.

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

129 Cueto-Wong, J. A., Reta-Sanchez, D. G., Figueroa-Viramontes, U., Quiroga-Garza, H. M., Ramos-Rodriguez, A. & Pena-Cabriales, J. J. (2013). Recuperacion de nitrogeno aplicado en forma fraccionada en maiz forrajero utilizando 15N. *Ingenieria Agricola y Biosistemas*, 5(1), 11-16.

130 Sanchez, E. & Orta-Amaro, J. A. (2013). Problemas de mediciones repetidas y de riesgo para desarrollar el razonamiento de estudiantes de secundaria en los temas de media y dispersion. [Numeros](#), 83, 65-77.

131 Rosales-Flores, M., Saldana-Duran, C., Toledo-Ramirez, V. & Maldonado, L. (2013). Caracterizacion y potencial del reciclado de los residuos solidos urbanos generados en el Instituto Tecnologico de Tepic, una institucion de educacion superior. [Revista Bio Ciencias](#), 2(3), 216-223.

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

132 Soltani, N., Bahrami, A. & Pech-Canul, M. I. (2013). The Effect of Ti on Mechanical Properties of Extruded in-Situ Al-15 Pct Mg₂Si Composite (Vol 44a, Pg 4366, 2013). [Metallurgical and Materials Transactions a-Physical Metallurgy and Materials Science](#), 44A(10), 4859.

133 Cantoral-Uriza, R. (2013). Tendencias: los metodos de investigacion para profesionalizacion docente en matematicas. [Revista Latinoamericana de Investigacion en Matematica Educativa-Relime](#), 16(1), 5-12.

ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

134 Rodriguez, E., Camargo-Diaz, F., Rivera-Martinez, M. A. & Lopez-Bayghen, E. (2013). Early Beta-hCG as a predictive value in IVF outcome. [Fertility and Sterility](#), 100(3, Supplement), S498-S499.

135 Garcia-Flores, V., Ocampo-Barcenas, A., Camargo-Diaz, F. A. & Lopez-Bayghen, E. (2013). Expression profile in endometrial cells for current-cycle receptivity assessment. [Fertility and Sterility](#), 100(3, Supplement), S530-S531.

136 Ocampo-Barcenas, A., Sosa, D. A., Sierra, H., Camargo-Diaz, F. A. & Lopez-Bayghen, E. (2013). PTSG2/VCAN gene expression profile in cumulus cells: use in assessment of egg quality. [Fertility and Sterility](#), 100(3, Supplement), S531.

137 Torres-Mena, J. E., Sanchez-Rodriguez, R., Del Pozo-Yauner, L., Villa-Trevino, S. & Perez-Carreon, J. I. (2013). Liver Cancer Progression From Dysplasia to Neoplasia Revealed by Transcriptome Analysis: Rearrangement of Actin Cytoskeleton as an Early Event. [Journal of Hepatology](#), 58, S447.

138 Galicia-Carreon, J., Palomares-Ordonez, J., Hong, E., Perez-Tapia, S. & Jimenez-Martinez, M. (2013). Phenotypical Characterization of Treg Cells in Ocular Allergy Patients. [Journal of Immunology](#), 190, 120.30.

139 Gonzalez, E. & Ortiz-Navarrete, V. (2013). Cd36 Expression in Chondrocytes Is Involve in the Clearance of Apoptotic Cells. [Journal of Immunology](#), 190, 43.10.

140 Hernandez, M. & Ortiz-Navarrete, V. (2013). Nlrp12 Protein Function in the Regulation of Mhc-I Expression in Monocytes of Patients Transplanted With Hpcs and Their Relationship to the Reconstitution of Cd8 T Lymphocytes. *Journal of Immunology*, 190, 119.21.

141 Rodriguez-Sosa, M., Hernandez-Hernandez, F. D. L., Calixto, C. G., Juarez-Avelar, I., Saavedra, R., Olgin, E. & Ruiz-Rosado, J. D. (2013). Macrophage Migration Inhibitory Factor Plays a Role in the Maturation of Conventional Dendritic Cells in Acute Toxoplasma Gondii Infection. *Journal of Immunology*, 190, 125.5.

142 Saldana, M. R., Santelises, M. A., Lafont, M. M., Argumedo, L. S., Cervantes, V. P. & Santiago, R. L. (2013). Human B Cells Are Targets for Brucella Abortus Infection. *Journal of Immunology*, 190, 186.12.

143 Molina-Jijon, E., Rodriguez-Munoz, R., Namorado, M. D. & Reyes, J. L. (2013). Initial Alterations in Glucose Transporters in Diabetic Kidney: Oxidative Stress Rola. *Pediatric Nephrology*, 28(8), 1623.

144 Espitia-Vazquez, I. M., Perez-Moreno, L., Ramirez-Malagon, R., Mendoza-Celedon, B., Martinez-Soto, G., Abraham-Juarez, M. D., Olalde-Portugal, V. & Nunez-Palenius, H. G. (2013). Effect of Native-Mexican Strains of Bacillus Subtilis on Melon (Cucumis Melo L.) Fruit Quality and Diseases. *Phytopathology*, 103(6), s41.

145 Montero-Rojas, A., Alvarado-Gay, F. J., Juarez-Ocana, R., Rosas-Barrientos, J. V., Martinez-Fong, D. & Gonzalez-Barrios, J. A. (2013). Altered Placental Mrna's Neurotrophic and Growth Factors Profiling in Preeclampsia. *Placenta*, 34(9), A24.

146 Vargas, A. O., Manzano-Leon, N., Quintana-Belmares, R. et al. (2013). In Vitro Particulate Matter Toxicity Relates to Seasonal Variability in Chemical Composition. *Toxicology Letters*, 221, S108.

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

147 Soriano, L. A., Yu, W. & Rubio, J. D. (2013). Modeling and Control of Wind Turbine. *Mathematical Problems in Engineering*, 2013, 982597.

148 Olazabal, D. E., Pereira, M., Agrati, D. et al. (2013). New theoretical and experimental approaches on maternal motivation in mammals. *Neuroscience & Biobehavioral Reviews*, 37(8), 1860-1874.

149 Olazzbal, D. E., Pereira, M., Agrati, D. et al. (2013). Flexibility and adaptation of the neural substrate that supports maternal behavior in mammals. *Neuroscience & Biobehavioral Reviews*, 37(8), 1875-1892.