

## ARTÍCULOS DEL MES DE JULIO DE 2013

### **[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXTENSO 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., Gallego-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-HT<sub>5A</sub> 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 ZnBVI<sub>x</sub>O<sub>1-x</sub> (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  $\mu$ -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 CuInS<sub>2</sub> based solar cells, including ZnS and In<sub>2</sub>S<sub>3</sub> 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., Wielsch, 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  $\sigma(P\bar{P} \rightarrow Z + B \text{ Jet}) / \sigma(P\bar{P} \rightarrow Z + \text{Jet})$  in  $P\bar{P}$  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  $B \rightarrow J/\psi K$  and  $B \rightarrow J/\psi \pi$  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-CHClF<sub>2</sub> 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  $\text{In}_{0.14}\text{Ga}_{0.86}\text{As}_{0.13}\text{Sb}_{0.87}/\text{GaSb}$  heterostructure doped with zinc grown by liquid phase epitaxy. [Vibrational Spectroscopy](#), 68, 109-114.

**[ARTÍCULOS B] – ARTÍCULOS PUBLICADOS EN EXTENSO EN OTRAS REVISTAS ESPECIALIZADAS (INCLUIDO 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 polyvinylidene fluoride 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-Alejandro, 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., Villalamil-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.