

## ARTÍCULOS DEL MES DE ENERO DE 2013

### **[ARTÍCULOS A]** - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Bautista-Garcia, P., Reyes, J. L., Martin, D., Namorado, M. C., Chavez-Munguia, B., Soria-Castro, E., Huber, O. & Gonzalez-Mariscal, L. (2013). Zona Occludens-2 Protects Against Podocyte Dysfunction Induced by Adr in Mice. [American Journal of Physiology-Renal Physiology](#), 304(1), F77-F87.
- 2 Abreu, A. G., Bueris, V., Porangaba, T. M., Sircili, M. P., Navarro-Garcia, F. & Elias, W. P. (2013). Autotransporter Protein-Encoding Genes of Diarrheagenic Escherichia Coli Are Found in Both Typical and Atypical Enteropathogenic E. Coli Strains. [Applied and Environmental Microbiology](#), 79(1), 411-414.
- 3 Ordaz, A., Quijano, G., Thalasso, F. & Garibay-Orijel, C. (2013). Pulse Respirometry in Two-Phase Partitioning Bioreactors: Case Study of Terephthalic Acid Biodegradation. [Applied Biochemistry and Biotechnology](#), 169(3), 810-820.
- 4 Vega-Pena, A., Illades-Aguiar, B., Flores-Alfaro, E., Lopez-Bayghen, E., Reyes-Maldonado, E. & Alarcon-Romero, L. D. (2013). Correlation Between Ki-67 and Telomerase Expression With in Situ Hybridization for High-Risk Human Papillomavirus. [Archives of Biological Sciences](#), 65(1), 81-90.
- 5 Ruiz-Romero, E., Valenzuela-Encinas, C., Lopez-Ramirez, M. P., Coutino-Coutino, M. D., Marsch, R. & Dendooven, L. (2013). Natronorubrum Texcoconense Sp Nov., A Haloalkaliphilic Archaeon Isolated From Soil of the Former Lake Texcoco (Mexico). [Archives of Microbiology](#), 195(2), 145-151.
- 6 Abreu, P., Aglietta, M., Ahlers, M. et al. (2013). Constraints on the Origin of Cosmic Rays Above 10(18) Ev From Large-Scale Anisotropy Searches in Data of the Pierre Auger Observatory. [Astrophysical Journal Letters](#), 762(1).
- 7 Utkin, V. I. & Poznyak, A. S. (2013). Adaptive Sliding Mode Control With Application to Super-Twist Algorithm: Equivalent Control Method. [Automatica](#), 49(1), 39-47.
- 8 Martinez-Vieyra, I. A., Vasquez-Limeta, A., Gonzalez-Ramirez, R., Morales-Lazaro, S. L., Mondragon, M., Mondragon, R., Ortega, A., Winder, S. J. & Cisneros, B. (2013). A role for Beta-dystroglycan in the organization and structure of the nucleus in myoblasts. [Biochimica Et Biophysica Acta-Molecular Cell Research](#), 1833(3), 698-711.
- 9 De Los Santos-Villalobos, S., Guzman-Ortiz, D. A., Gomez-Lim, M. A., Delano-Frier, J. P., De-Folter, S., Sanchez-Garcia, P. & Pena-Cabriales, J. J. (2013). Potential Use of Trichoderma Asperellum (Samuels, Liechfeldt Et Nirenberg) T8a as a Biological Control Agent Against Anthracnose in Mango (Mangifera Indica L.). [Biological Control](#), 64(1), 37-44.
- 10 Lopez-Gonzalez, I., Carmona, M., Blanco, R., Luna-Munoz, J., Martinez-Mandonado, A., Mena, R. & Ferrer, I. (2013). Characterization of Thorn-Shaped Astrocytes in White Matter of Temporal Lobe in Alzheimer's Disease Brains. [Brain Pathology](#), 23(2), 144-153.

- 11 Martinez, R., Escobedo, J. C., Cortes, D. A. et al. (2013). In Vitro Bioactivity and Biocompatibility of a Co-Cr-Mo Alloy After Heat Treatment in Contact With Different Bioactive Systems. [Ceramics International](#), 39(2), 2003-2011.
- 12 Moreno-Galvan, M. & Palafox, A. (2013). Cd4(+) Cd8(+) T Cell Reference Values in the Mexico City Population. [Clinical and Vaccine Immunology](#), 20(2), 306-308.
- \*13 Hernandez, G. & Lacomba, E. A. (2013). Are the Geometries of the First and Second Laws of Thermodynamics Compatible? [Discrete and Continuous Dynamical Systems](#), 33(3), 1113-1116.
- 14 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at root s =7 TeV . [European Physical Journal C](#), 73, 2283.
- 15 Gonzalez-Robles, A., Salazar-Villatoro, L., Omana-Molina, M., Lorenzo-Morales, J. & Martinez-Palomo, A. (2013). Acanthamoeba royreba: Morphological features and in vitro cytopathic effect. [Experimental Parasitology](#), 133(4), 369-375.
- 16 Juarez-Hernandez, L. J., Garcia-Perez, R. M., Salas-Casas, A., Garcia-Rivera, G., Orozco, E. & Rodriguez, M. A. (2013). Entamoeba histolytica: The over expression of a mutated EhRabB protein produces a decrease of in vitro and in vivo virulence. [Experimental Parasitology](#), 133(3), 339-345.
- 17 Hernandez-Bocanegra, C. A., Castillejos E., A. H., Acosta-Gonzalez, F. A., Zhou, X. & Thomas, B. G. (2013). Measurement of heat flux in dense air-mist cooling: Part I - A novel steady-state technique. [Experimental Thermal and Fluid Science](#), 44, 147-160.
- 18 Lopez, L. A., Breton, N. & Ramirez, B. V. (2013). Einstein-Rosen Solutions From Kaluza-Klein Theory. [General Relativity and Gravitation](#), 45(1), 27-39.
- 19 Garcia-Romo, G. S., Pedroza-Gonzalez, A., Lambrecht, B. N., Aguilar-Leon, D., Estrada-Garcia, I., Hernandez-Pando, R. & Flores-Romo, L. (2013). Mycobacterium tuberculosis manipulates pulmonary APCs subverting early immune responses. [Immunobiology](#), 218(3), 393-401.
- 20 Fernandez, E., Lopez, E., Mazcorro, G., Olmedo, R. & Coello Coello, C. A. (2013). Application of the non-outranked sorting genetic algorithm to public project portfolio selection. [Information Sciences](#), 228, 131-149.
- 21 Gomez, P. & Escamilla, J. C. (2013). Frequency Domain Modeling of Nonuniform Multiconductor Lines Excited by Indirect Lightning. [International Journal of Electrical Power & Energy Systems](#), 45(1), 420-426.
- 22 Rios, A. L. & Messina, A. R. (2013). An Optimal Modal Approximation Method for Model Reduction of Linear Power System Models. [International Journal of Electrical Power & Energy Systems](#), 44(1), 293-300.
- 23 Castro-Borges, P. & Cordova, M. (2013). Galvanic behavior of reinforced concrete before and after repairs with selective use of 304 stainless steel. [International Journal of Electrochemical Science](#), 8, 309-405.

\*24 Condal, A. R., Vega-Moro, A. & Ardisson, P. L. (2013). Climatological, Annual, and Seasonal Variability in Chlorophyll Concentration in the Gulf of Mexico, Western Caribbean, and Bahamas Using Nasa Colour Maps. [International Journal of Remote Sensing](#), 34(5), 1591-1614.

25 Bailey, KA., Wu, M. C., Ward, W. O. et al. (2013). Arsenic and the Epigenome: Interindividual Differences in Arsenic Metabolism Related to Distinct Patterns of DNA Methylation. [Journal of Biochemical and Molecular Toxicology](#), 27(2), 106-115.

26 Ibrahimi, K., Danser, A. H. J., Villalon, C. M., Van den Meiracker, A. H. & MaassenVanDenBrink, A. (2013). Influence of varying estrogen levels on trigeminal CGRP release in healthy women. [Journal of Headache and Pain](#), 1(S1), P123.

\*27 Espinoza, E. S., Garcia, O., Sanahuja, G., Malo, A. & Lozano, R. (2013). Micro-Helicopter for Long-Distance Missions: Description and Attitude Stabilization. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 151-163.

\*28 Gonzalez, I., Salazar, S., Torres, J., Lozano, R. & Romero, H. (2013). Real-Time Attitude Stabilization of a Mini-Uav Quad-Rotor Using Motor Speed Feedback. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 93-106.

\*29 Ordaz, J., Salazar, S., Mondie, S., Romero, H. & Lozano, R. (2013). Predictor-Based Position Control of a Quad-Rotor With Delays in Gps and Vision Measurements. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 13-26.

\*30 Parra-Vega, V., Sanchez, A., Izaguirre, C., Garcia, O. & Ruiz-Sanchez, F. (2013). Toward Aerial Grasping and Manipulation With Multiple Uavs. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 575-593.

31 Samano, A., Castro, R., Lozano, R. & Salazar, S. (2013). Modeling and Stabilization of a Multi-Rotor Helicopter. [Journal of Intelligent & Robotic Systems](#), 69(1-4), 161-169.

\*32 Chauffaut, C., Escareno, J. & Lozano, R. (2013). The Transition Phase of a Gun-Launched Micro Air Vehicle. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 119-131.

33 Ruiz-Luna, H., Alvarado-Orozco, J. M., Caceres-Diaz, L. A., Lopez-Baez, I., Moreno-Palmerin, J., Espinoza-Beltran, F. J., Boldrick, M. S., Trapaga-Martinez, G. & Munoz-Saldana, J. (2013). Structural Evolution of B2-Nial Synthesized by High-Energy Ball Milling. [Journal of Materials Science](#), 48(1), 265-272.

34 Garza-Ortiz, A., Martinez, P. A., Duarte-Hernandez, A. M. et al. (2013). Cobalt(ii)-Mediated Synthesis of 2,6-Bis[5,7-Di-Tert-Butyl-1,3-Benzoxazol-2-Yl]-Pyridine: Structural Analysis and Coordination Behavior. [Journal of Molecular Structure](#), 1032, 265-274.

35 Martinez-Vargas, S., Martinez, A. I., Valdes-Martinez, J. & Perry, D. L. (2013). Preparation of Three New 4'-Phenyl-Terpyridine-Copper(ii) Complexes Containing Nicotinate or Iso-Nicotinate Ligands. [Journal of Molecular Structure](#), 1033, 34-39.

36 Hamodi, N. H., Abram, T. J., Lowe, T., Cernik, R. J. & Lopez-Honorato, E. (2013). The chemical durability of glass and graphite-glass composite doped with cesium oxide. [Journal of Nuclear Materials](#), 432(1-3), 529-538.

37 De Moure-Flores, F., Nieto-Zepeda, K. E., Guillen-Cervantes, A. et al. (2013). Effect of the immersion in CdCl<sub>2</sub> and annealing on physical properties of CdS:F films grown by CBD. [Journal of Physics and Chemistry of Solids](#), 74(4), 611-615.

38 Hernandez-Rodriguez, E., Marquez-Herrera, A., Zaleta-Alejandre, E., Melendez-Lira, M., De La Cruz, W. & Zapata-Torres, M. (2013). Effect of Electrode Type in the Resistive Switching Behaviour of Tio<sub>2</sub> Thin Films. [Journal of Physics D-Applied Physics](#), 46(4), 045103.

39 Kubli-Garfias, C., Gonzalez-Flores, O., Gomora-Arrati, P., Gonzalez-Mariscal, G., Vazquez-Ramirez, R. & Beyer, C. (2013). Bimodal Binding and Free Energy of the Progesterone Receptor in the Induction of Female Sexual Receptivity by Progesterone and Synthetic Progestins. [Journal of Steroid Biochemistry and Molecular Biology](#), 133, 43-50.

40 Ruizmoreno, R. G., Martinez, A. I., Castro-Rodriguez, R. & Bartolo, P. (2013). Synthesis and Characterization of Citrate Coated Magnetite Nanoparticles. [Journal of Superconductivity and Novel Magnetism](#), 26(3), 709-712.

41 De Moure-Flores, F., Quinones-Galvan, J. G., Guillen-Cervantes, A., Santoyo-Salazar, J., Hernandez-Hernandez, A., Contreras-Puente, G., Olvera, M. d. I. L. & Melendez-Lira, M. (2013). Hexagonal CdTe films with Te excess grown at room temperature by laser ablation. [Materials Letters](#), 92, 94-95.

42 Quiroz-Gonzalez, S., Escartin-Perez, R. E., Paz-Bermudez, F., Segura-Alegria, B., Reyes-Legorreta, C., Guadarrama-Olmos, J. C., Floran-Garduno, B. & Jimenez-Estrada, I. (2013). Endogenous Content and Release of [H-3]-Gaba and [H-3]-Glutamate in the Spinal Cord of Chronically Undernourished Rat. [Neurochemical Research](#), 38(1), 23-31.

43 Cruz-Trujillo, R., Avalos-Fuentes, A., Rangel-Barajas, C., Paz-Bermudez, F., Sierra, A., Escartin-Perez, E., Aceves, J., Erlij, D. & Floran, B. (2013). D3 dopamine receptors interact with dopamine D1 but not D4 receptors in the GABAergic terminals of the SNr of the rat. [Neuropharmacology](#), 67, 370-378.

44 Salgado-Jimenez, B., Arce-Fonseca, M., Baylon-Pacheco, L., Talamas-Rohana, P. & Rosales-Encina, J. L. (2013). Differential Immune Response in Mice Immunized With the a, R or C Domain From Tcsp Protein of Trypanosoma Cruzi or With the Coding Dnas. [Parasite Immunology](#), 35(1), 32-41.

45 May-Tec, A. L., Pech, D., Aguirre-Macedo, M. L., Lewis, J. W. & Vidal-Martinez, V. M. (2013). Temporal variation of Mexiconema cichlasomae (Nematoda: Daniconematidae) in the Mayan cichlid fish Cichlasoma urophthalmus and its intermediate host Argulus yucatanus from a tropical coastal lagoon. [Parasitology](#), 140(3), 385-95.

- 46 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the Elliptic Anisotropy of Charged Particles Produced in Pbbp Collisions at Root S(Nn)=2.76 TeV. [Physical Review C](#), 87(1), 014902.
- 47 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the Semileptonic Charge Asymmetry Using B-S(0) -> D-S Mu X Decays. [Physical Review Letters](#), 110(1), 011801.
- 48 Abelev, B., Adam, J., Adamova, D. et al. (2013). Charge Separation Relative to the Reaction Plane in Pb-Pb Collisions at Root S(Nn)=2.76 TeV. [Physical Review Letters](#), 110(1), 012301.
- 49 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Evidence for Associated Production of a Single Top Quark and W Boson in Pp Collisions at Root S=7 TeV. [Physical Review Letters](#), 110(2), 022003.
- 50 Dominguez, O., Li, K., Arduini, G., Metral, E., Rumolo, G., Zimmermann, F. & Cuna, H. M. (2013). First Electron-Cloud Studies at the Large Hadron Collider. [Physical Review Special Topics-Accelerators and Beams](#), 16(1), 011003.
- 51 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the pp over bar -> W+b+x production cross section at root s=1.96 TeV. [Physics Letters B](#), 718(4-5), 1314-1320.
- 52 Abelev, B., Adam, J., Adamov+í, D. et al. (2013). Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at root SNN = 2.76 TeV. [Physics Letters B](#), 719(1-3), 18-28.
- 53 Abelev, B., Adam, J., Adamov+í, D. et al. (2013). Coherent J/Psi photoproduction in ultra-peripheral Pb-Pb collisions at root SNN = 2.76 TeV. [Physics Letters B](#), 718(4-5), 1273-1283.
- 54 Abelev, B., Adam, J., Adamova, D. et al. (2013). Long-range angular correlations on the near and away side in p-Pb collisions at root S(Nn) = 5.02 TeV. [Physics Letters B](#), 719(1-3), 29-41.
- 55 Penicooke, N., Walford, K., Badal, S., Delgoda, R., Williams, L. A. D., Joseph-Nathan, P., Gordillo-Roman, B. & Gallimore, W. (2013). Antiproliferative activity and absolute configuration of zonaquinone acetate from the Jamaican alga *Stypopodium zonale*. [Phytochemistry](#), 87, 96-101.
- 56 Orona-Tamayo, D., Wielsch, N., Escalante-Perez, M., Svatos, A., Molina-Torres, J., Muck, A., Ramirez-Chavez, E., Adame-Alvarez, R. M. & Heil, M. (2013). Short-term proteomic dynamics reveal metabolic factory for active extrafloral nectar secretion by *Acacia cornigera* ant-plants. [Plant Journal](#), 73(4), 546-554.
- 57 Ruiz-Valdiviezo, V. M., Mendoza-Urbina, L. D., Luna-Guido, M., Gutierrez-Miceli, F. A., Cardenas-Aquino, M. R., Montes-Molina, J. A. & Dendooven, L. (2013). Emission of CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O and dynamics of mineral N in soils amended with castor bean (*Ricinus communis* L.) and pinon (*Jatropha curcas* L.) seed cake. [Plant, Soil and Environment](#), 59(2), 51-56.
- 58 Adame, M. F., Kauffman, J. B., Medina, I., Gamboa, J. N., Torres, O., Caamal, J. P., Reza, M. & Herrera-Silveira, J. A. (2013). Carbon Stocks of Tropical Coastal Wetlands within the Karstic Landscape of the Mexican Caribbean. [Plos One](#), 8(2), e56569.

59 Ballhorn, D. J., Kautz, S. & Heil, M. (2013). Distance and Sex Determine Host Plant Choice by Herbivorous Beetles. [Plos One](#), 8(2), e55602.

60 Gustafsson, E., Almonte-Becerril, M., Bloch, W. & Costell, M. (2013). Perlecan Maintains Microvessel Integrity in Vivo and Modulates Their Formation in Vitro. [Plos One](#), 8(1), e53715.

61 Rueda, A., Fernandez-Velasco, M., Benitah, J. P. & Gomez, A. M. (2013). Abnormal Ca<sup>2+</sup> Spark/Stoc Coupling in Cerebral Artery Smooth Muscle Cells of Obese Type 2 Diabetic Mice. [Plos One](#), 8(1), e53321.

62 Santo-Valencia, J., Enriquez-Diaz, M. & Aldana-Aranda, D. (2013). Dinamica poblacional y reproductiva de *Turbinella angulata* y *Busycon perversum* (Mesogasteropoda: Turbinellidae y Melongenidae) en el Banco de Campeche, Mexico. [Revista de Biología Tropical](#), 61(1), 15-28.

63 Roldan, J. B., Gonzalez, B., Iniguez, B., Roldan, A. M., Lazaro, A. & Cerdeira, A. (2013). In-Depth Analysis and Modelling of Self-Heating Effects in Nanometric Dgmosfets. [Solid-State Electronics](#), 79, 179-184.

64 Kudriavtsev, Y., Asomoza, R., Mansurova, M. & Perez, L. A. (2013). Ionization potential and ion yield of CsM clusters sputtered from Si. [Surface and Interface Analysis](#), 45(1), 103-106.

65 Ipaz, L., Ruiz-Luna, H., Espinoza-Beltran, F. J. & Zambrano, G. (2013). Correlation Between Mechanical Properties and Nanofriction of [Ti-Cr/Ti-Cr-N] (N) and [Ti-Al/Ti-Al-N] (N) Multilayers. [Tribology Letters](#), 49(2), 403-412.

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

66 Balvarin, A., Baltazar, A. & Kim, J. Y. (2013). A study of helical lamb wave propagation on two hollow cylinders with imperfect contact conditions. [AIP Conference Proceedings](#), 1511, 67-74.

67 Kato, H., Cuellar, C. A., Delgado-Lezama, R., Rudomin, P., Jimenez, I., Manjarrez, E. & Mirasso, C. R. (2013). Modeling of spontaneous zero-lag synchronization and wave propagation in cat spinal cord. [AIP Conference Proceedings](#), 1510, 124-129.

68 Diaz, L. E., Minor, A. M., Tejera, V. N. & Lorias, E. D. (2013). Low-Cost Model for Colposcopy Training. [IFMBE Proceedings](#), 33, 910-911.

69 Lorias, E. D. & Gnechi, J. A. G. (2013). Modelo Conceptual de un Entrenador para Neuroendoscopia - Reporte Tecnico. [IFMBE Proceedings](#), 33, 373-376.

70 O'Connor-Blanco, J., Rodriguez-Madrigal, M., Calas, H., Moreno, E., Leija-Salas, L. & Palomares, E. (2013). Modelacion y Simulacion de Sistemas Biomecanicos Acoplados Utilizando el Metodo de Elementos Finitos. Aplicaciones en Ortopedia. [IFMBE Proceedings](#), 33, 619-622.

71 Galvan-Sanchez, V. A., Gutierrez-Robles, J. A., Ortiz-Muro, V. H. & Aguilar-Pena, O. (2013). Optimizacion del calculo del campo electromagnetico debido a una descarga atmosferica. [Ingenieria Energetica](#), 34, 43-54.

72 Castro-Borges, P., Balancan-Zapata, M. & Lopez-Gonzalez, A. (2013). Analysis of Tools to Evaluate Chloride Threshold for Corrosion Onset of Reinforced Concrete in Tropical Marine Environment of Yucatan, Mexico. [Journal of Chemistry](#), 2013, 208619.

73 Chuenpagdee, R., Pascual-Fernandez, J. J., Szeli+inszky, E., Luis Alegret, J., Fraga, J. & Jentoft, S. (2013). Marine protected areas: Re-thinking their inception. [Marine Policy](#), 39, 234-240.

74 Moreno-Armella, L. & Santos-Trigo, L. M. (2013). Introduction to International Perspectives on Problem Solving Research in Mathematics Education. [Mathematics Enthusiast](#), 10(1-2), 3-8.

75 Weiss, E. & Bernal, E. (2013). Un dialogo con la historia de la educacion tecnica mexicana. [Perfiles Educativos](#), 35(139), 151-170.

76 Peatfield, R. & Villalon, C. M. (2013). Headache after exposure of 'date-rape' drugs. [SpringerPlus](#), 2(1), 39.

77 Delgado-Balbuena, L., Romero-Tepal, E. M., Luna-Guido, M. L., Marsch, R. & Dendooven, L. (2013). Removal of Anthracene from Recently Contaminated and Aged Soils. [Water, Air, & Soil Pollution](#), 224(2), 1-8.

#### **[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

78 Carrillo-Tripp, M., Periole, X., Garcia-Gonzalez, A., Espinosa-Caballero, M., Vargas-Gonzalez, C., de Vries, A. H. & Ortega-Blake, I. (2013). Aggregation States Driven by Dipole Interactions Regulates Action Mechanism of Polyene Antibiotics. [Biophysical Journal](#), 104(2, Supplement 1), 666a.

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

79 Hernandez-Rivas, R., Herrera-Solorio, A. M., Sierra-Miranda, M., Delgadillo, D. M. & Vargas, M. (2013). Impact of chromosome ends on the biology and virulence of Plasmodium falciparum. [Molecular and Biochemical Parasitology](#), 187(2), 121-128.

## ARTÍCULOS DEL MES DE FEBRERO DE 2013

### **[ARTÍCULOS A]** - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Dorner, T., Strand, V., Castaneda-Hernández, G. et al. (2013). The role of biosimilars in the treatment of rheumatic diseases. [Annals of the Rheumatic Diseases](#), 72, 322-328.
- 2 Zhou, X., Thomas, B. G., Hernandez B., C. A., Castillejos E., A. H. & Acosta G., F. A. (2013). Measuring heat transfer during spray cooling using controlled induction-heating experiments and computational models. [Applied Mathematical Modelling](#), 37(5), 3181-3192.
- 3 Ponsich, A. & Coello, C. A. C. (2013). A Hybrid Differential Evolution-Tabu Search Algorithm for the Solution of Job-Shop Scheduling Problems. [Applied Soft Computing](#), 13(1), 462-474.
- 4 Sira-Ramirez, H., Lopez-Uribe, C. & Velasco-Villa, M. (2013). Linear Observer-Based Active Disturbance Rejection Control of the Omnidirectional Mobile Robot. [Asian Journal of Control](#), 15(1), 51-63.
- 5 Robles, V. H. & Matos, T. (2013). Exact Solution to Finite Temperature Sfdm: Natural Cores Without Feedback. [Astrophysical Journal](#), 763(1).
- 6 Ocadiz-Delgado, R., Albino-Sanchez, M. E., Garcia-Villa, E. et al. (2013). In Situ Molecular Identification of the Influenza a (H1n1) 2009 Neuraminidase in Patients With Severe and Fatal Infections During a Pandemic in Mexico City. [Bmc Infectious Diseases](#), 13, 20.
- 7 Mejja-Benitez, A., Klünder-Klünder, M., Yengo, L. et al. (2013). Analysis of the contribution of FTO, NPC1, ENPP1, NEGR1, GNPDA2 and MC4R genes to obesity in Mexican children. [Bmc Medical Genetics](#), 14, 21.
- 8 Serna-Marquez, N., Villegas-Comonfort, S., Galindo-Hernandez, O., Navarro-Tito, N., Millan, A. & Salazar, E. P. (2013). Role of Loxs and Cox-2 on Fak Activation and Cell Migration Induced by Linoleic Acid in Mda-Mb-231 Breast Cancer Cells. [Cellular Oncology](#), 36(1), 65-77.
- 9 Perez, P. A. L., Gonzalez, M. I. N. & Lopez, R. A. (2013). Cadmium Concentration Stabilization in a Continuous Sulfate Reducing Bioreactor Via Sulfide Concentration Control. [Chemical Papers](#), 67(3), 326-335.
- 10 Aichholzer, O., Fabila-Monroy, R., Hackl, T., Van Kreveld, M., Pilz, A., Ramos, P. & Vogtenhuber, B. (2013). Blocking Delaunay Triangulations. [Computational Geometry-Theory and Applications](#), 46(2), 154-159.
- 11 Aloupis, G., Cardinal, J., Collette, S. et al. (2013). Non-Crossing Matchings of Points With Geometric Objects. [Computational Geometry-Theory and Applications](#), 46(1), 78-92.
- 12 Yasui, M. T., Mata-Gomez, M. A. & Winkler, R. (2013). Lysine-Directed Staining of Proteins for Ms-Based Analyses. [Electrophoresis](#), 34(3), 401-404.



- 13 Leon-Galicia, I., Diaz-Chavez, J., Garcia-Villa, E., Uribe-Figueroa, L., Hidalgo-Miranda, A., Herrera, L. A., Alvarez-Rios, E., Garcia-Mena, J. & Gariglio, P. (2013). Resveratrol Induces Downregulation of Dna Repair Genes in Mcf-7 Human Breast Cancer Cells. [European Journal of Cancer Prevention](#), 22(1), 11-20.
- 14 Paez-Martinez, N., Aldrete-Audiffred, J., Gallardo-Tenorio, A., Castro-Garcia, M., Estrada-Camarena, E. & Lopez-Rubalcava, C. (2013). Participation of Gaba(a), Gaba(B) Receptors and Neurosteroids in Toluene-Induced Hypothermia: Evidence of Concentration-Dependent Differences in the Mechanism of Action. [European Journal of Pharmacology](#), 698(1-3), 178-185.
- 15 Abramowicz, H., Abt, I., Adamczyk, L. et al. (2013). Combination and QCD analysis of charm production cross section measurement in deep-inelastic ep scattering at HERA. [European Physical Journal C](#), 73, 2311.
- 16 Hernandez-Bocanegra, C. A., Minchaca-Mojica, J. I., Castillejos E., A. H., Acosta-Gonzalez, F. A., Zhou, X. & Thomas, B. G. (2013). Measurement of heat flux in dense air-mist cooling: Part II - The influence of mist characteristics on steady-state heat transfer. [Experimental Thermal and Fluid Science](#), 44(0), 161-173.
- 17 Garcia, K., Mendoza, S., Decouchant, D., Rodriguez, J. & Perez, T. (2013). Determining and locating the closest available resources to mobile collaborators. [Expert Systems With Applications](#), 40(7), 2511-2529.
- 18 Garcia-Hernandez, J. J., Parra-Michel, R., Feregrino-Uribe, C. & Cumplido, R. (2013). High payload data-hiding in audio signals based on a modified OFDM approach. [Expert Systems With Applications](#), 40(8), 3055-3064.
- 19 De La Cruz-Perera, C. I., Ren, D. W., Blanchet, M., Dendooven, L., Marsch, R., Sorensen, S. J. & Burmolle, M. (2013). The Ability of Soil Bacteria to Receive the Conjugative Incp1 Plasmid, Pkj10, Is Different in a Mixed Community Compared to Single Strains. [Fems Microbiology Letters](#), 338(1), 95-100.
- 20 Robledo-Briones, M. & Ruiz-Herrera, J. (2013). Regulation of Genes Involved in Cell Wall Synthesis and Structure During Ustilago Maydis Dimorphism. [Fems Yeast Research](#), 13(1), 74-84.
- 21 Maldonado-Ramirez, M., Rzedowski-Calderon, M. & Villa-Salvador, G. (2013). Genus Fields of Abelian Extensions of Rational Congruence Function Fields. [Finite Fields and Their Applications](#), 20, 40-54.
- 22 Quiros, I., Garcia-Salcedo, R., Madriz-Aguilar, J. E. & Matos, T. (2013). The Conformal Transformation's Controversy: What Are We Missing? [General Relativity and Gravitation](#), 45(2), 489-518.
- 23 Chakraborty, D., Mancillas-Lopez, C., Rodriguez-Henriquez, F. & Sarkar, P. (2013). Efficient Hardware Implementations of Brw Polynomials and Tweakable Enciphering Schemes. [Ieee Transactions on Computers](#), 62(2), 279-294.

- 24 Aguilar-Lopez, R., Lopez-Perez, P. A., Pena-Caballero, V. & Maya-Yescas, R. (2013). Regulation of an Activate Sludge Wastewater Plant Via Robust Active Control Design. [International Journal of Environmental Research](#), 7(1), 61-68.
- 25 Chavez-Ramirez, A. U., Vallejo-Becerra, V., Cruz, J. C., Ornelas, R., Orozco, G., Munoz-Guerrero, R. & Arriaga, L. G. (2013). A hybrid power plant (Solar-Wind-Hydrogen) model based in artificial intelligence for a remote-housing application in Mexico. [International Journal of Hydrogen Energy](#), 38(6), 2641-2655.
- 26 Morales-Acevedo, A. & Casados-Cruz, G. (2013). Forecasting the Development of Different Solar Cell Technologies. [International Journal of Photoenergy](#), 2013, 202747.
- 27 Perez-Gutierrez, R.-A., Lopez-Ramirez, V., Islas, A. et al. (2013). Antagonism influences assembly of a Bacillus guild in a local community and is depicted as a food-chain network. [The ISME Journal](#), 7(3), 487-97.
- 28 Sandoval-Oliveros, M. R. & Paredes-Lopez, O. (2013). Isolation and Characterization of Proteins From Chia Seeds (*Salvia Hispanica* L.). [Journal of Agricultural and Food Chemistry](#), 61(1), 193-201.
- \*29 Minjarez, B., Valero-Rustarazo, M. L., Sanchez-Del Pino, M. M., Gonzalez-Robles, A., Sosa-Melgarejo, J. A., Luna-Munoz, J., Mena, R. & Luna-Arias, J. P. (2013). Identification of Polypeptides in Neurofibrillary Tangles and Total Homogenates of Brains with Alzheimer's Disease by Tandem Mass Spectrometry. [Journal of Alzheimer's Disease](#), 34(1), 239-262.
- 30 De La Cruz, G. G. & Gurevich, Y. G. (2013). Carrier Heating and Electron-Phonon Energy Exchange Effects on Nonlinear Transport Phenomena in Semiconductor Films. [Journal of Applied Physics](#), 113(2), 023504.
- 31 Cervini-Silva, J., Palacios, E., Munoz, M. L., Del Angel, P., Mejia-Perez Campos, E., Chavez-Balderas, X. & Herrera, A. (2013). A high-resolution electron microscopic and energy-dispersive spectroscopic study on the molecular mechanism underpinning the natural preservation of 2300 Y.O. naturally-mummified human remains and the occurrence of small-sized [Zn][Al]Carbon spheres. [Journal of Archaeological Science](#), 40(4), 1966-1974.
- 32 Manzano-Leon, N., Quintana, R., Sanchez, B. et al. (2013). Variation in the Composition and in Vitro Proinflammatory Effect of Urban Particulate Matter From Different Sites. [Journal of Biochemical and Molecular Toxicology](#), 27(1), 87-97.
- \*33 Barajas-Aceves, M. & Rodriguez-Vazquez, R. (2013). Effects of organic amendments on the mobility of Pb and Zn from mine tailings added to semi-arid soils. [Journal of Environmental Science and Health Part B-Pesticides, Food Contaminants, and Agricultural Wastes](#), 48(3), 226-236.
- 34 Perez-Lopez, A., Rosales-Reyes, R., Alpuche-Aranda, C. M. & Ortiz-Navarrete, V. (2013). Salmonella Downregulates Nod-Like Receptor Family Card Domain Containing Protein 4 Expression to Promote Its Survival in B Cells by Preventing Inflammasome Activation and Cell Death. [Journal of Immunology](#), 190(3), 1201-1209.

\*35 Corona-Sanchez, J. J. & Rodriguez-Cortes, H. (2013). Trajectory Tracking Control for a Rotary Wing Vehicle Powered by Four Rotors. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 39-50.

\*36 Escareno, J., Salazar, S., Romero, H. & Lozano, R. (2013). Trajectory Control of a Quadrotor Subject to 2d Wind Disturbances. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 51-63.

\*37 Santos, O., Romero, H., Salazar, S. & Lozano, R. (2013). Real-Time Stabilization of a Quadrotor Uav: Nonlinear Optimal and Suboptimal Control. [Journal of Intelligent & Robotic Systems](#), 70(1-4), 79-91.

38 Marin-Castro, H. M., Sosa-Sosa, V. J., Martinez-Trinidad, J. F. & Lopez-Arevalo, I. (2013). Automatic Discovery of Web Query Interfaces Using Machine Learning Techniques. [Journal of Intelligent Information Systems](#), 40(1), 85-108.

39 Diaz-Reyes, J., Rodriguez-Fragoso, P. & Mendoza-Alvarez, J. G. (2013). Optical Characterization of Zn-Doped In<sub>0.14</sub>Ga<sub>0.86</sub>As<sub>0.13</sub>Sb<sub>0.87</sub> Layers Grown by Liquid Phase Epitaxy. [Journal of Luminescence](#), 134, 126-131.

40 Flores-Mendoza, M. A., Castanedo-Perez, R., Torres-Delgado, G., Rodriguez-Fragoso, P., Mendoza-Alvarez, J. G. & Zelaya-Angel, O. (2013). Photoluminescence in undoped (CdO)<sub>1-x</sub>(InO<sub>3/2</sub>)<sub>x</sub> thin films at room temperature, 0<=x<=1. [Journal of Luminescence](#), 135, 133-138.

41 Alvarado-Meza, M. A., Garcia-Sanchez, E., Covarrubias-Alvarado, O., Salinas-Rodriguez, A., Guerrero-Mata, M. P. & Colas, R. (2013). Effect of the High-Temperature Deformation on the M-S Temperature in a Low C Martensitic Stainless Steel. [Journal of Materials Engineering and Performance](#), 22(2), 345-350.

42 Khmelnytskaya, K. V., Kravchenko, V. V., Torba, S. M. & Tremblay, S. (2013). Wave Polynomials, Transmutations and Cauchy's Problem for the Klein-Gordon Equation. [Journal of Mathematical Analysis and Applications](#), 399(1), 191-212.

43 Garcia, A., Torres-Gonzalez, L. C., Padmasree, K. P., Benavides-Garcia, M. G. & Sanchez, E. M. (2013). Conductivity and Viscosity Properties of Associated Ionic Liquids Phosphonium Orthoborates. [Journal of Molecular Liquids](#), 178, 57-62.

44 Bettencourt, C., Raposo, M., Montel, R., Bruges-Armas, J. & Lima, M. (2013). Transcript Diversity of Machado-Joseph Disease Gene (ATXN3) Is Not Directly Determined by SNPs in Exonic or Flanking Intronic Regions. [Journal of Molecular Neuroscience](#), 49(3), 539-543.

45 Jimenez-Perez, V. M., Ibarra-Rodriguez, M., Munoz-Flores, B. M., Gomez, A., Santillan, R., Fernandez, E. H., Bernes, S., Waksman, N. & Duron, R. R. (2013). Synthesis, Characterization, Molecular Structures, Cytotoxic and Antibacterial Activities of N,N'-Diaryl-O-Phenylenediamines. [Journal of Molecular Structure](#), 1031, 168-174.

46 Garcia, G., Vargas, G. & Rodriguez-Varela, F. J. (2013). Deposition Patterns of Porcelain Coatings Obtained by Electrophoretic Deposition in Acetone. Part 1. Voltage and Time Effect. [Journal of Physical Chemistry B](#), 117(6), 1708-1713.

- 47 Grande-Aztatzi, R., Rivillas-Acevedo, L., Quintanar, L. & Vela, A. (2013). Structural Models for Cu(II) Bound to the Fragment 92-96 of the Human Prion Protein. [Journal of Physical Chemistry B](#), 117(3), 789-799.
- 48 Ortiz-Chi, F., Aguayo, A. & De Coss, R. (2013). Effects of Co Doping on the Metamagnetic States of the Ferromagnetic Fcc Fe-Co Alloy. [Journal of Physics-Condensed Matter](#), 25(2), 026001.
- 49 Romero-Aguirre, E., Carrasco-Alvarez, R., Parra-Michel, R., Orozco-Lugo, A. G. & Mondragon-Torres, A. F. (2013). Full-Hardware Architectures for Data-Dependent Superimposed Training Channel Estimation. [Journal of Signal Processing Systems for Signal Image and Video Technology](#), 70(2), 105-123.
- 50 Mani-Gonzalez, P. G., Vazquez-Lepe, M. O., Espinosa-Magana, F. & Herrera-Gomez, A. (2013). Interface Layer in Hafnia/Si Films as a Function of Ald Cycles. [Journal of Vacuum Science & Technology A](#), 31(1), 010601.
- 51 Perez-Hernandez, N., Alvarez-Cisneros, C., Cerda-Garcia-Rojas, C. M., Morales-Rios, M. S. & Joseph-Nathan, P. (2013). Deuterium-induced isotope effects on the <sup>13</sup>C chemical shifts of alpha-D-glucose pentaacetate. [Magnetic Resonance in Chemistry](#), 51(3), 136-142.
- 52 Pech-Canul, M. I., Bautista-Hernandez, A., Salazar-Villanueva, M. & Valdez, S. (2013). Behavior of Al<sub>x</sub>Mg<sub>1-x</sub>Fe<sub>2</sub>N Alloy Through Microhardness, Microstructure, Thermal Treatment and Electrodeposition. [Materials & Design](#), 44, 325-330.
- 53 Ruiz-Moreno, R. G., Martinez, A. I., Falcony, C., Castro-Rodriguez, R., Bartolo-Perez, P. & Castro-Roman, M. (2013). One pot synthesis of water compatible and monodisperse magnetite nanoparticles. [Materials Letters](#), 92, 181-183.
- 54 Aguilera Luna, I., Mancha Molinar, H., Castro Roman, M. J., Escobedo Bocado, J. C. & Herrera Trejo, M. (2013). Improvement of the tensile properties of an Al-Si-Cu-Mg aluminum industrial alloy by using multi stage solution heat treatments. [Materials Science and Engineering: A](#), 561, 1-6.
- 55 Manjarrez-Gutierrez, G., Ramirez-Campillo, R., Borrayo-Sanchez, G. & Hernandez-Rodriguez, J. (2013). Disturbance of Serotonergic Neurotransmission in Patients With Postmyocardial Infarction and Depression. [Metabolic Brain Disease](#), 28(1), 15-20.
- 56 Cheralathan, M., Contreras, E., Alvarado, J., Cerdeira, A., Iannaccone, G., Sangiorgi, E. & Iniguez, B. (2013). Implementation of nanoscale double-gate CMOS circuits using compact advanced transport models. [Microelectronics Journal](#), 44(2), 80-85.
- \*57 Munive, G. T., Leal-Cruz, A. L., Pech-Canul, M. I., Rodriguez-Garcia, J. A. & Rocha-Rangel, E. (2013). Lightweight and Thermal Blocks From Zeolites as Aggregated. Mineral Processing and Extractive. [Metallurgy Review](#), 34(1), 1-9.

- 58 Alonso-Gonzalez, O., Nava-Alonso, F., Jimenez-Velasco, C. & Uribe-Salas, A. (2013). Copper cyanide removal by precipitation with quaternary ammonium salts. [Minerals Engineering](#), 42, 43-49.
- 59 Magana, J. J., Velazquez-Perez, L. & Cisneros, B. (2013). Spinocerebellar Ataxia Type 2: Clinical Presentation, Molecular Mechanisms, and Therapeutic Perspectives. [Molecular Neurobiology](#), 47(1), 90-104.
- 60 Abrego, B. M., Fabila-Monroy, R., Fernandez-Merchant, S., Flores-Penalzoa, D., Hurtado, F., Meijer, H., Sacristan, V. & Saumell, M. (2013). Proximity Graphs Inside Large Weighted Graphs. [Networks](#), 61(1), 29-39.
- 61 Cervantes-Duran, C., Pineda-Farias, J. B., Bravo-Hernandez, M., Quinonez-Bastidas, G. N., Vidal-Cantu, G. C., Barragan-Iglesias, P. & Granados-Soto, V. (2013). Evidence for the participation of peripheral 5-HT<sub>2A</sub>, 5-HT<sub>2B</sub>, and 5-HT<sub>2C</sub> receptors in formalin-induced secondary mechanical allodynia and hyperalgesia. [Neuroscience](#), 232, 169-181.
- 62 Valencia, D. P., Astudillo, P. D., Galano, A. & Gonzalez, F. J. (2013). Self-Decarboxylation of Trichloroacetic Acid Redox Catalyzed by Trichloroacetate Ions in Acetonitrile Solutions. [Organic & Biomolecular Chemistry](#), 11(2), 318-325.
- 63 Ibanez-Cervantes, G., Martinez-Ibarra, A., Noguera-Torres, B., Lopez-Orduna, E., Alonso, A. L., Perea, C., Maldonado, T., Hernandez, J. M. & Leon-Avila, G. (2013). Identification by Q-Pcr of Trypanosoma Cruzi Lineage and Determination of Blood Meal Sources in Triatomine Gut Samples in Mexico. [Parasitology International](#), 62(1), 36-43.
- 64 Chavez-Munguia, B., Salazar-Villatoro, L., Lagunes-Guillen, A., Omana-Molina, M., Espinosa-Cantellano, M. & Martinez-Palomo, A. (2013). Acanthamoeba castellanii cysts: new ultrastructural findings. [Parasitology Research](#), 112, 1125-1130.
- 65 Santillan, M. & Qian, H. (2013). Stochastic Thermodynamics Across Scales: Emergent Inter-Attractor Discrete Markov Jump Process and Its Underlying Continuous Diffusion. [Physica A-Statistical Mechanics and its Applications](#), 392(1), 123-135.
- 66 Goursot, A., Mineva, T., Vasquez-Perez, J. M., Calaminici, P., Koster, A. M. & Salahub, D. R. (2013). Contribution of High-Energy Conformations to Nmr Chemical Shifts, a Dft-Bomd Study. [Physical Chemistry Chemical Physics](#), 15(3), 860-867.
- 67 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of Leptonic Asymmetries and Top-Quark Polarization in T(T)Over-Bar Production. [Physical Review D](#), 87(1), 011103(R).
- 68 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Observation of a Diffractive Contribution to Dijet Production in Proton-Proton Collisions at Root S = 7 Tev. [Physical Review D](#), 87(1), 012006.
- 69 Rodriguez-Montoya, I., Perez-Lorenzana, A., De La Cruz-Burelo, E., Giraud-Heraud, Y. & Matos, T. (2013). Cosmic Bose Dark Matter. [Physical Review D](#), 87(2), 025009.

70 Abelev, B., Adam, J., Adamova, D. et al. (2013). Pseudorapidity Density of Charged Particles in P Plus Pb Collisions at Root S(Nn)=5.02 TeV. [Physical Review Letters](#), 110(3), 032301.

71 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the differential gamma+c-jet cross section and the ratio of differential gamma+c and gamma+b cross sections in pp over bar collisions at root s=1.96 TeV. [Physics Letters B](#), 719(4-5), 354-361.

72 Diaz-Villasenor, A., Cruz, L., Cebrian, A. et al. (2013). Arsenic Exposure and Calpain-10 Polymorphisms Impair the Function of Pancreatic Beta-Cells in Humans: a Pilot Study of Risk Factors for T2dm. [Plos One](#), 8(1), e51642.

73 Fordyce, S. L., Avila-Arcos, M. C., Rasmussen, M. et al. (2013). Deep Sequencing of Rna From Ancient Maize Kernels. [Plos One](#), 8(1), e50961.

74 Mita-Mendoza, N. K., Van De Hoef, D. L., Lopera-Mesa, T. M. et al. (2013). A Potential Role for Plasma Uric Acid in the Endothelial Pathology of Plasmodium Falciparum Malaria. [Plos One](#), 8(1), e54481.

75 Avila-Torres, Y., Lopez-Sandoval, H., Mijangos, E. et al. (2013). Structure and magnetic properties of copper(II) and cobalt(II) coordination compounds derived from optically active tridentate ligands. [Polyhedron](#), 51, 298-306.

76 Olvera-Hernandez, S., Chavira, R. & Fernandez-Guasti, A. (2013). Sex- and endocrine-stage-differences in middle-aged rats in an animal model of OCD. [Progress in Neuro-Psychopharmacology and Biological Psychiatry](#), 44, 81-87.

77 Martinez-Jarquín, S. & Winkler, R. (2013). Design of a low-temperature plasma (LTP) probe with adjustable output temperature and variable beam diameter for the direct detection of organic molecules. [Rapid Communications in Mass Spectrometry](#), 27(5), 629-634.

78 Mondragon, J. A., Miranda, C., Garcia-Mena, J., Ocadiz-Delgado, R., Gariglio, P. & Romano, M. C. (2013). P450-Aromatase Mrna Is Expressed in the Corpus Luteum (Cl) of the Non-Pregnant Sheep and Goat: the Expression of the Enzyme Is Present Throughout Pregnancy in the Goat Cl. [Reproduction in Domestic Animals](#), 48(1), 85-89.

79 Gutierrez, J. M., Haddi, Z., Amari, A., Bouchikhi, B., Mimendia, A., Ceto, X. & Del Valle, M. (2013). Hybrid electronic tongue based on multisensor data fusion for discrimination of beers. [Sensors and Actuators B: Chemical](#), 177, 989-996.

80 Rhouati, A., Hayat, A., Hernandez, D. B., Meraihi, Z., Munoz, R. & Marty, J.-L. (2013). Development of an automated flow-based electrochemical aptasensor for on-line detection of Ochratoxin A. [Sensors and Actuators B: Chemical](#), 176, 1160-1166.

81 De Moure-Flores, F., Quinones-Galvan, J. G., Guillen-Cervantes, A., Hernandez-Hernandez, A., Olvera, M. d. I. L., Santoyo-Salazar, J., Contreras-Puente, G., Zapata-Torres, M. & Melendez-Lira, M. (2013). Copper telluride thin films grown by pulsed laser deposition. [Surface and Coatings Technology](#), 217, 181-183.

82 Kudriavtsev, Y. & Asomoza, R. (2013). SIMS-EDX system for the quantitative analysis of solids. [Surface and Interface Analysis](#), 45(1), 506-509.

83 Cruz, S. C. Y. & Rosas-Ortiz, O. (2013). Dynamical Equations, Invariants and Spectrum Generating Algebras of Mechanical Systems With Position-Dependent Mass. [Symmetry Integrability and Geometry-Methods and Applications](#), 9, 004.

84 Gordillo-Roman, B., Reina, M., Ruiz-Mesia, L., Ruiz-Mesia, W. & Joseph-Nathan, P. (2013). Absolute configuration of indoline alkaloids from *Geissospermum reticulatum*. [Tetrahedron Letters](#), 54(13), 1693-1696.

85 Khamkure, S., Cervantes, E. P., Gonzalez, A. Z., Cervantes, R. L., Melo, P. G. & Ramirez, H. (2013). Number of Residual Thermotolerant Coliforms on Plants and in Soil When Using Reclaimed Domestic Wastewater for Irrigation. [Water Science and Technology](#), 67(2), 380-386.

86 Mejia-Garcia, A., Sanchez-Ocampo, E. M., Galindo-Gomez, S., Shibayama, M., Reyes-Hernandez, O., Guzman-Leon, S., Gonzalez, F. J. & Elizondo, G. (2013). 2,3,7,8-Tetrachlorodibenzo-P-Dioxin Enhances Ccl4-Induced Hepatotoxicity in an Aryl Hydrocarbon Receptor-Dependent Manner. [Xenobiotica](#), 43(2), 161-168.

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

\*87 Muniz-Ramirez, A., Flores-Cotera, L. B. & Perez-Gutierrez, R. M. (2013). Anti-inflammatory activity of the hexane extract of *Byrsomina crassifolia* seeds in experimental animal models. [Alternative Therapies](#), 19(1), 26-36.

88 Portillo-Velez, R. J., Cruz-Villar, C. A., Rodriguez-Angeles, A. & Arteaga-Perez, M. A. (2013). Master/slave robotic system for teaching motion-force manufacturing tasks. [Applied Mechanics and Materials](#), 307, 84-88.

\*89 Carrada-Herrera, R., Grudsky, S., Palomino-Jimenez, C. & Porter, R. M. (2013). Asymptotics of european double-barrier option with compound Poisson component. [Communications in Mathematical Analysis](#), 14(2), 40-66.

\*90 Grudsky, S., Maximenko, E. A. & Vasilevski, N. L. (2013). Radial Toeplitz Operators on the Unit Ball and Slowly Oscillating Sequences. [Communications in Mathematical Analysis](#), 14(2), 77-94.

91 Garcia-Espinosa, L. A., Jimenez, F., Jimenez, A. E. & Vinas, D. E. (2013). Monitor Inalambrico de Velocidad y Presion de Aire para el Analisis de Ciclismo de Pista. [IFMBE Proceedings](#), 33, 229-232.

92 Gonzalez-Moran, C. O., Rodriguez-Montoya, C. J. & Suaste-Gomez, E. (2013). Preparacion de fibras de Poly(vynil Difloruro) con Electrospinnig como Sensor de Temperatura, Detector de Humo y Humedad para Aplicaciones Biomedicas. [IFMBE Proceedings](#), 33, 152-155.

93 Lorias, E. D., Gnechchi, J. A. G. & Olivarez, P. V. H. (2013). Bosquejo de un Asistente Pasivo para Neuronavegacion -Reporte Tecnico. [IFMBE Proceedings](#), 33, 370-372.

94 Reyes-Cruz, H., Teran-Jimenez, O. & Suaste-Gomez, E. (2013). Biodynamical Eye Movements Models for Pupil and Eye Plant. [IFMBE Proceedings](#), 33, 943-946.

95 Sanchez-Sanchez, A. S. & Suaste-Gomez, E. (2013). Video-oculography to evaluate Dynamic Visual Acuity to subjects with Intraocular Lens implant as a treatment for high refractive errors. [IFMBE Proceedings](#), 33, 655-657.

96 Suaste-Gomez, E. & Villamar, L. A. (2013). Programacion Grafica y Videoculografia de Alta Velocidad Aplicada a la Movilidad Ocular. [IFMBE Proceedings](#), 33, 1027-1030.

97 Mota-Morales, J. D., Gutierrez, M. C., Ferrer, M. L., Jimenez, R., Santiago, P., Sanchez, I. C., Terrones, M., Del Monte, F. & Luna-Barcenas, G. (2013). Synthesis of macroporous poly(acrylic acid)-carbon nanotube composites by frontal polymerization in deep-eutectic solvents. [Journal of Materials Chemistry A](#), 1, 3970-3976.

98 Khafash, L. & Fraga, J. (2013). Declaratoria de una plataforma de trabajo en red en el marco de la Primera Conferencia Internacional experiencias de redes, equipos y cuerpos académicos en el contexto del turismo, patrimonio y sustentabilidad en Merida, Mexico (2012). [Revista De Turismo y Patrimonio Cultural](#), 11(1), 229-236.

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

99 Anderson, C., Azar, A. T., Battistelli, G. et al. (2013). A Successful Change From Tnn to Tnnls and a Very Successful Year. [Ieee Transactions on Neural Networks and Learning Systems](#), 24(1), 1-7.

#### **[ARTÍCULOS G]** – RESÚMENES PUBLICADOS EN REVISTAS

100 Sierra-Valdez, F. J. (2013). The Influence of Noble Gases in Protein-Free Membranes and the Pressure Reversal Effect. [Biophysical Journal](#), 104(2, Supplement 1), 33a.

101 Zapata, P. A. (2013). Molecular Dynamics Simulation of a Pure Lipid Membrane in Presence of Polar and Non Polar Drugs. [Biophysical Journal](#), 104(2, Supplement 1), 662a-663a.

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

102 Navarro-Garcia, F., Serapio-Palacios, A., Ugalde-Silva, P., Tapia-Pastrana, G. & Chavez-Duenas, L. (2013). Actin cytoskeleton manipulation by effector proteins secreted by diarrheagenic Escherichia coli pathotypes. [BioMed Research International](#), 2013, 374395.



103 Quintanar, L., Rivillas-Acevedo, L., Grande-Aztatzi, R., Gomez-Castro, C. Z., Arcos-Lopez, T. & Vela, A. (2013). Copper Coordination to the Prion Protein: Insights From Theoretical Studies. [Coordination Chemistry Reviews](#), 257(2), 429-444.

104 Fuentes, A. F. & Takacs, L. (2013). Preparation of Multicomponent Oxides by Mechanochemical Methods. [Journal of Materials Science](#), 48(2), 598-611.

105 Vega-Frutis, R., Munguia-Rosas, M. A., Varga, S. & Kytoviita, M.-M. (2013). Sex-specific patterns of antagonistic and mutualistic biotic interactions in dioecious and gynodioecious plants. [Perspectives in Plant Ecology, Evolution and Systematics](#), 15(1), 45-55.

Última actualización: Agosto 7, 2013 11:39 a.m.



## ARTÍCULOS DEL MES DE MARZO DE 2013

### **[ARTÍCULOS A]** - ARTÍCULOS PUBLICADOS EN EXTENSO EN REVISTAS INCLUIDAS EN JCR

- 1 Pourayoubi, M., Toghraee, M., Divjakovic, V., Van der Lee, A., Mancilla Percino, T., Leyva Ramirez, M. A. & Saneei, A. (2013). Analysis of N-H...O hydrogen bonds in new C(O)-NH-P(O)-based phosphoric triamides and analogous structures deposited in the Cambridge Structural Database. [Acta Crystallographica Section B-Structural Science](#), 69(2), 184-194.
- 2 Juarez-Martinez, A. B., Vega-Almeida, T. O., Salas-Benito, M., Garcia-Espitia, M., De Nova-Ocampo, M., Del Angel, R. M. & Salas-Benito, J. S. (2013). Detection and Sequencing of Defective Viral Genomes in C6/36 Cells Persistently Infected With Dengue Virus 2. [Archives of Virology](#), 158(3), 583-599.
- 3 Contreras, M., Osorio, E., Ferraro, F., Puga, G., Donald, K. J., Harrison, J. G., Merino, G. & Tiznado, W. (2013). Isomerization Energy Decomposition Analysis for Highly Ionic Systems: Case Study of Starlike E5Ii7+ Clusters. [Chemistry-a European Journal](#), 19(7), 2305-2310.
- 4 Pan, S., Contreras, M., Romero, J., Reyes, A., Chattaraj, P. K. & Merino, G. (2013). C5Ii7+ and O2Ii5+ as Noble-Gas-Trapping Agents. [Chemistry-a European Journal](#), 19(7), 2322-2329.
- 5 Oliva-Aviles, A. I., Aviles, F., Seidel, G. D. & Sosa, V. (2013). On the Contribution of Carbon Nanotube Deformation to Piezoresistivity of Carbon Nanotube/Polymer Composites. [Composites Part B-Engineering](#), 47, 200-206.
- 6 Morales, R., Chocoteco, J., Feliu, V. & Sira-Ramirez, H. (2013). Obstacle surpassing and posture control of a stair-climbing robotic mechanism. [Control Engineering Practice](#), 21(5), 604-621.
- 7 Plestan, F., Shtessel, Y., Bregeault, V. & Poznyak, A. (2013). Sliding mode control with gain adaptation-Application to an electropneumatic actuator. [Control Engineering Practice](#), 21(5), 679-688.
- 8 Sira-Ramirez, H., Luviano-Juarez, A. & Cortes-Romero, J. (2013). Robust input/output sliding mode control of the buck converter. [Control Engineering Practice](#), 21(5), 671-678.
- 9 Gonzalez-Lopez, V., Leyva, M. A. & Rosales-Hoz, M. J. (2013). Coupling of acetylene molecules on ruthenium clusters, involving cleavage of C-Si bonds in the alkyne and coordination of a phenyl ring of a SiPh3 group. [Dalton Transactions](#), 42(15), 5377-87.
- 10 Rodriguez-Romero, J., Aparicio-Ixta, L., Rodriguez, M., Ramos-Ortiz, G., Maldonado, J. L., Jimenez-Sanchez, A., Farfan, N. & Santillan, R. (2013). Synthesis, chemical-optical characterization and solvent interaction effect of novel fluorene-chromophores with D-A-D structure. [Dyes and Pigments](#), 98(1), 31-41.
- 11 Dawson, D. A. & Gorostiza, L. G. (2013). Percolation in an Ultrametric Space. [Electronic Journal of Probability](#), 18, 1-26.

- 12 Gimenez, A. J., Yanez-Limon, J. M. & Seminario, J. M. (2013). Zn-Cellulose Composite for UV Sensing. [IEEE Sensors Journal](#), 13(4), 1301-1306.
- 13 Sira-Ramirez, H. & Oliver-Salazar, M. A. (2013). On the Robust Control of Buck-Converter Dc-Motor Combinations. [IEEE Transactions on Power Electronics](#), 28(8), 3912-3922.
- 14 Petronilho, S., Rocha, S. M., Ramirez-Chavez, E., Molina-Torres, J. & Rios-Chavez, P. (2013). Assessment of the terpenic profile of *Callistemon citrinus* (Curtis) Skeels from Mexico. [Industrial Crops and Products](#), 46, 369-379.
- 15 Ortega, I. A. Q., Mota-Morales, J. D., Pena, E. A. E., Zarate-Trivino, D. G., De Santiago, Y. A., Ortiz, A., Gaitan, B. G., Sanchez, I. C. & Luna-Barcenas, G. (2013). Cryogenic Process to Elaborate Poly(Ethylene Glycol) Scaffolds. Experimental and Simulation Studies. [Industrial & Engineering Chemistry Research](#), 52(2), 706-715.
- 16 Hernandez-Martinez, A. R., Estevez, M., Vargas, S. & Rodriguez, R. (2013). Stabilized Conversion Efficiency and Dye-Sensitized Solar Cells From Beta Vulgaris Pigment. [International Journal of Molecular Sciences](#), 14(2), 4081-4093.
- 17 Chavez-Urbiola, E. A. & Vorobiev, Y. (2013). Investigation of solar hybrid electric/thermal system with radiation concentrator and thermoelectric generator. [International Journal of Photoenergy](#), 2013, 704087.
- 18 Gurevich, Y. G. & Lashkevych, I. (2013). Sources of Fluxes of Energy, Heat, and Diffusion Heat in a Bipolar Semiconductor: Influence of Nonequilibrium Charge Carriers. [International Journal of Thermophysics](#), 34(2), 341-349.
- 19 Montano, D., Artigas, H., Royo, F. M. & Lafuente, C. (2013). Experimental and Predicted Viscosities of Binary Mixtures Containing Chlorinated and Oxygenated Compounds. [International Journal of Thermophysics](#), 34(1), 34-46.
- 20 Garduno, S. I., Cerdeira, A., Estrada, M., Alvarado, J., Kilchytska, V. & Flandre, D. (2013). Improved modeling of gate leakage currents for fin-shaped field-effect transistors. [Journal of Applied Physics](#), 113(12), 124507.
- 21 Prokhorov, E., Gervacio-Arciniega, J. J., Luna-Barcenas, G., Kovalenko, Y., Espinoza-Beltran, F. J. & Trapaga, G. (2013). Dielectric properties of Ge<sub>2</sub>Sb<sub>2</sub>Te<sub>5</sub> phase-change films. [Journal of Applied Physics](#), 113(11), 113705.
- \*22 Lopez-Juarez, I., Castelan, M., Castro-Martinez, F. J., Pena-Cabrera, M. & Osorio-Comparan, R. (2013). Using Object's Contour, Form and Depth to Embed Recognition Capability Into Industrial Robots. [Journal of Applied Research and Technology](#), 11, 5-17.
- 23 Cruz-Rivera, M., Carpio-Pedroza, J. C., Escobar-Gutierrez, A. et al. (2013). Rapid Hepatitis C Virus Divergence Among Chronically Infected Individuals. [Journal of Clinical Microbiology](#), 51(2), 629-632.

24 Gonzalez-Sanchez, D. & Hernandez-Lerma, O. (2013). An Inverse Optimal Problem in Discrete-Time Stochastic Control. [Journal of Difference Equations and Applications](#), 19(1), 39-53.

25 Drobna, Z., Del Razo, L. M., Garcia-Vargas, G. G., Sanchez-Pena, L. C., Barrera-Hernandez, A., Styblo, M. & Loomis, D. (2013). Environmental Exposure to Arsenic, As3mt Polymorphism and Prevalence of Diabetes in Mexico. [Journal of Exposure Science and Environmental Epidemiology](#), 23(2), 151-155.

26 Arceo-Carranza, D., Vega-Cendejas, M. E. & De Santillana, M. H. (2013). Day and Night Trophic Variations of Dominant Fish Species in a Lagoon Influenced by Freshwater Seeps. [Journal of Fish Biology](#), 82(1), 54-68.

27 Platt-Lucero, L. C., Ramirez-Wong, B., Torres-Chavez, P. I., Lopez-Cervantes, J., Sanchez-Machado, D. I., Carvajal-Millan, E., Martinez-Bustos, F., Quintero-Ramos, A. & Morales-Rosas, I. (2013). Effect of xylanase on extruded nixtamalized corn flour and tortilla: Physicochemical and rheological characteristics. [Journal of Food Process Engineering](#), 36(2), 179-186.

28 Elyukhin, V. A. (2013). Magnetic nanoscale order in ZnTe:(Mn, O). [Journal of Magnetism and Magnetic Materials](#), 337-338, 34-37.

29 Montano, D., Giner, B., Martin, S. & Lafuente, C. (2013). Surface study of binary mixtures containing chlorinated and oxygenated compounds. [Journal of Molecular Liquids](#), 181, 1-7.

30 Quintero-Tellez, M. G., Hoz, M. D. R., Bernes, S., Zamorano-Ulloa, R., Ramirez-Rosales, D., Alcantara-Flores, J. L. & Reyes-Ortega, Y. (2013). Synthesis, Structural, Electronic and Magnetic Studies of [Cu(II)(Saleann(3)H(3))]. [Journal of Molecular Structure](#), 1034, 183-188.

31 Suarez-Ortiz, G. A., Cerda-Garcia-Rojas, C. M., Hernandez-Rojas, A. & Pereda-Miranda, R. (2013). Absolute Configuration and Conformational Analysis of Brevipolides, Bioactive 5,6-Dihydro-Alpha-Pyrones From Hyptis Brevipes. [Journal of Natural Products](#), 76(1), 72-78.

32 Martinez-Mancilla, M., Rodriguez-Aguirre, I., Tejocote-Romero, I., Medina-Sanson, A., Ocadiz-Delgado, R. & Gariglio, P. (2013). Clinical relevance of the fusion transcripts distribution pattern in mexican children with acute lymphoblastic leukemia. [Journal of Pediatric Hematology Oncology](#), 35(3), 170-173.

33 Castanos, O., Schuch, D. & Rosas-Ortiz, O. (2013). Generalized Coherent States for Time-Dependent and Nonlinear Hamiltonian Operators Via Complex Riccati Equations. [Journal of Physics A-Mathematical and Theoretical](#), 46(7), 075304.

34 Castro, J. J., Soto, J. R. & Yopez, E. (2013). Surface Properties for Alpha-Cluster Nuclear Matter. [Journal of Physics G-Nuclear and Particle Physics](#), 40(3), 035108.

35 Canseco-Alba, A. & Rodriguez-Manzo, G. (2013). Anandamide transforms noncopulating rats into sexually active animals. [Journal of Sexual Medicine](#), 10(3), 686-693.

36 Saldivar, B. & Mondiee, S. (2013). Drilling vibration reduction via attractive ellipsoid method. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 350(3), 485-502.

- 37 Leon-Cardenal, E., Veys, W. & Zuniga-Galindo, W. A. (2013). Poles of Archimedean Zeta Functions for Analytic Mappings. [Journal of the London Mathematical Society-Second Series](#), 87, 1-21.
- 38 Molina, J., Zuniga, C., Calleja, W., Rosales, P., Torres, A. & Herrera-Gomez, A. (2013). Physical and Electrical Characteristics of Atomic-Layer Deposition-HfO<sub>2</sub> Films Deposited on Si Substrates Having Different Silanol Si-Oh Densities. [Journal of Vacuum Science & Technology A](#), 31(1), 01A132.
- 39 Guerra-Fuentes, L., Juarez-Hernandez, A., Hernandez-Rodriguez, M. A. L. & Herrera-Trejo, M. (2013). Effect of Process Parameters on Natural Aging in a 1004 Steel. [Metalurgija](#), 52(3), 349-351.
- 40 Balderrama, V. S., Estrada, M., Viterisi, A., Formentin, P., Pallares, J., Ferre-Borrull, J., Palomares, E. & Marsal, L. F. (2013). Correlation between P3HT inter-chain structure and J<sub>sc</sub> of P3HT:PC[70]BM blends for solar cells. [Microelectronics Reliability](#), 53(4), 560-564.
- 41 Gomez-Villanueva, R., Linares-y-Miranda, R. & Jardon-Aguilar, H. (2013). Bandwidth improvement of a broadband PIFA for multiple mobile services. [Microwave and Optical Technology Letters](#), 55(4), 886-890.
- 42 Contreras-Paredes, C. A., Silva-Rosales, L., Daros, J. A., Alejandri-Ramirez, N. D. & Dinkova, T. D. (2013). The Absence of Eukaryotic Initiation Factor Eif(iso)4e Affects the Systemic Spread of a Tobacco Etch Virus Isolate in Arabidopsis Thaliana. [Molecular Plant-Microbe Interactions](#), 26(4), 461-470.
- 43 Lozada-Morales, R., Portillo-Moreno, O., Tomas, S. A. & Zelaya-Angel, O. (2013). Influence of internal stress on the optical properties of CdS:Cu nanoparticles. [Optical Materials](#), 35(5), 1023-1028.
- 44 Lopez-Contreras, L., Hernandez-Ramirez, V. I., Flores-Garcia, Y., Chavez-Munguia, B. & Talamas-Rohana, P. (2013). Src and Pi3 K Inhibitors Affect the Virulence Factors of Entamoeba Histolytica. [Parasitology](#), 140(2), 202-209.
- 45 Sanchez-Escobedo, D. & Castelan, M. (2013). 3d Face Shape Prediction From a Frontal Image Using Cylindrical Coordinates and Partial Least Squares. [Pattern Recognition Letters](#), 34(4), 389-399.
- 46 Rocha, L. (2013). Interaction between electrical modulation of the brain and pharmacotherapy to control pharmaco-resistant epilepsy. [Pharmacology & Therapeutics](#), 138(2), 211-228.
- 47 Barbero, C., Li, L. F., Castro, G. L. & Mariano, A. (2013). Matrix Elements of Four-Quark Operators and Delta L=2 Hyperon Decays. [Physical Review D](#), 87(3), 036010.
- 48 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Contact Interactions in Mu(+)Mu(-) Events in Pp Collisions at Root S = 7 Tev. [Physical Review D](#), 87(3), 032001.

49 Lopez, J. L. & Contreras, J. G. (2013). Performance of Multifractal Detrended Fluctuation Analysis on Short Time Series. [Physical Review E](#), 87(2), 022918.

50 Abelev, B., Adam, J., Adamova, D. et al. (2013). Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in P Plus Pb Collisions at  $\sqrt{s}=5.02$  TeV. [Physical Review Letters](#), 110(8), 082302.

51 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Study of the Mass and Spin-Parity of the Higgs Boson Candidate Via Its Decays to Z Boson Pairs. [Physical Review Letters](#), 110(8), 081803.

52 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the Upsilon(1s), Upsilon(2s), and Upsilon(3s) Polarizations in Pp Collisions at  $\sqrt{s}=7$  TeV. [Physical Review Letters](#), 110(8), 081802.

53 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Pair Production of Third-Generation Leptoquarks and Top Squarks in Pp Collisions at  $\sqrt{s}=7$  TeV. [Physical Review Letters](#), 110(8), 081801.

54 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the Azimuthal Anisotropy of Neutral Pions in Pb-Pb Collisions at  $\sqrt{s_{NN}}=2.76$  TeV. [Physical Review Letters](#), 110(4), 042301.

55 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the ratio of three-jet to two-jet cross sections in pp collisions at  $\sqrt{s}=1.96$  TeV. [Physics Letters B](#), 720(1-3), 6-12.

56 Abelev, B., Adam, J., Adamova, D. et al. (2013). Measurement of electrons from beauty hadron decays in pp collisions at  $\sqrt{s}=7$  TeV. [Physics Letters B](#), 721(1-3), 13-23.

57 Abelev, B., Adam, J., Adamova, D. et al. (2013). Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at  $\sqrt{s_{NN}}=2.76$  TeV. [Physics Letters B](#), 720(1-3), 52-62.

58 Chatrchyan, S., Collaboration, C., Khachatryan, V. et al. (2013). Search for New Physics in Events With Opposite-Sign Leptons, Jets, and Missing Transverse Energy in Pp Collisions at  $\sqrt{s}=7$  TeV. [Physics Letters B](#), 718(3), 815-840.

59 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Observation of Long-Range, Near-Side Angular Correlations in Ppb Collisions at the Lhc. [Physics Letters B](#), 718(3), 795-814.

60 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Supersymmetry in Events With Photons and Low Missing Transverse Energy in Pp Collisions at  $\sqrt{s}=7$  TeV. [Physics Letters B](#), 719(1-3), 42-61.

61 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Forward-Backward Asymmetry of Drell-Yan Lepton Pairs in Pp Collisions at  $\sqrt{s}=7$  TeV. [Physics Letters B](#), 718(3), 752-772.

62 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Studies of Jet Quenching Using Isolated-Photon Plus Jet Correlations in Pbpb and Pp Collisions at Root  $S(Nn)=2.76$  Tev. [Physics Letters B](#), 718(3), 773-794.

63 Espinosa, A. M., Alfaro, A., Roman-Basaure, E. et al. (2013). Mitosis Is a Source of Potential Markers for Screening and Survival and Therapeutic Targets in Cervical Cancer. [Plos One](#), 8(2), e55975.

64 Huerta-Quintanilla, R., Canto-Lugo, E. & Viga-De Alva, D. (2013). Modeling Social Network Topologies in Elementary Schools. [Plos One](#), 8(2), e55371.

65 Hernandez-Sandoval, M., Sanchez-Cabrera, G., Rosales-Hoz, M. J., Leyva, M. A., Salazar, V., Alvarado-Rodriguez, J. G. & Zuno-Cruz, F. J. (2013). A study of acetylene and acetylide carbonyl and diphosphine substituted ruthenium trinuclear clusters: Synthesis and structural characterization. [Polyhedron](#), 52, 170-182.

66 Alcantara-Gonzalez, D., Floran, B., Escartin, E. & Rocha, L. (2013). Changes on D2-Like Receptor Induced Gi Protein Activation and Hippocampal Dopamine Release in Kindled Rats. [Progress in Neuro-Psychopharmacology & Biological Psychiatry](#), 40, 246-251.

67 Soto-Guzman, A., Villegas-Comonfort, S., Cortes-Reynosa, P. & Perez Salazar, E. (2013). Role of arachidonic acid metabolism in Stat5 activation induced by oleic acid in MDA-MB-231 breast cancer cells. [Prostaglandins, Leukotrienes and Essential Fatty Acids](#), 88(3), 243-249.

\*68 Vazquez, J. A. & Velasco-Villa, M. (2013). Analisis del deslizamiento en el punto de apoyo de un robot bipedo de 5-gdl. [Revista Iberoamericana De Automatica e Informatica Industrial](#), 10(2), 133-142.

69 Aguilar-Martinez, J. A., Pech-Canul, M. I., Hernandez, M. B., Glot, A. B., Rodriguez, E. & Ortiz, L. G. (2013). Effect of Cr<sub>2</sub>O<sub>3</sub> on the Microstructure and Non-Ohmic Properties of (Co, Sb)-Doped SnO<sub>2</sub> Varistors. [Revista Mexicana de Fisica](#), 59(1), 6-9.

70 Barton, L., Gleeson, D. B., Maccarone, L. D., Zuniga, L. P. & Murphy, D. V. (2013). Is liming soil a strategy for mitigating nitrous oxide emissions from semi-arid soils? [Soil Biology & Biochemistry](#), 62, 28-35.

71 Darbandy, G., Aghassi, J., Sedlmeir, J., Monga, U., Garduno, I., Cerdeira, A. & Iniguez, B. (2013). Temperature dependent compact modeling of gate tunneling leakage current in double gate MOSFETs. [Solid-State Electronics](#), 81, 124-129.

72 Castanos, F., Gromov, D., Hayward, V. & Michalska, H. (2013). Implicit and explicit representations of continuous-time port-Hamiltonian systems. [Systems & Control Letters](#), 62(4), 324-330.

73 Santos, Y., Martinez, M., Sandoval, A. et al. (2013). Arrhythmogenic effect of a crude extract from sea anemone *Condylactis gigantea*: Possible involvement of rErg1 channels. [Toxicon](#), 67, 47-54.

74 Bernal-Reynaga, R., Thompson-Bonilla, R., Lopez-Saucedo, C., Pech-Armenta, M., Estrada-Parra, S. & Estrada-Garcia, T. (2013). C57-CD40 ligand deficient mice: A potential model for enterotoxigenic *Escherichia coli* (H10407) colonization. [Veterinary Immunology and Immunopathology](#), 152(1-2), 50-56.

75 Romana, L.; Thomas, P.; Bilas, P.; Mansot, J.L.; Merrifiels, M.; Bercian, Y. & Aldana-Aranda, D. (2013). Use of nanoindentation technique for a better understanding of the fracture toughness of *Strombus gigas* conch shell. [Materials Characterization](#), 76, 55-68.

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

76 Martinez, A., Blazquez, N., Gomez, Y., Vales, C. & Meza-Montes, L. (2013). A proposal study the experience of female scientists in Mexico: physicists as a case study. [AIP Conference Proceedings](#), 1517, 126-127.

77 Flores-Garcia, Y., Rosales-Encina, J. L., Rosales-Garcia, V. H., Satoskar, A. R. & Talamas-Rohana, P. (2013). Cd4(+)Cd25(+)Foxp3(+) Treg Cells Induced by Rssp4 Derived From *T. Cruzi* Amastigotes Increase Parasitemia in an Experimental Chagas Disease Model. [Biomed Research International](#), 2013, 632436.

78 Omana-Molina, M., Gonzalez-Robles, A., Salazar-Villatoro, L. I., Lorenzo-Morales, J., Cristobal-Ramos, A. R., Hernandez-Ramirez, V. I., Talamas-Rohana, P., Cruz, A. R. M. & Martinez-Palomo, A. (2013). Reevaluating the Role of *Acanthamoeba* Proteases in Tissue Invasion: Observation of Cytopathogenic Mechanisms on Mdkc Cell Monolayers and Hamster Corneal Cells. [Biomed Research International](#), 2013, 461329.

79 Rendon-Gandarilla, F. J., Ramon-Luing, L. D., Ortega-Lopez, J., De Andrade, I. R., Benchimol, M. & Arroyo, R. (2013). The Tvlegu-1, a Legumain-Like Cysteine Proteinase, Plays a Key Role in *Trichomonas Vaginalis* Cytoadherence. [Biomed Research International](#), 2013, 561979.

80 Mota-Morales, J. D., Gutierrez, M. C., Ferrer, M. L., Sanchez, I. C., Elizalde-Pena, E. A., Pojman, J. A., Del Monte, F. & Luna-Barcenas, G. (2013). Deep eutectic solvents as both active fillers and monomers for frontal polymerization. [Journal of Polymer Science A-Polymer Chemistry](#), 51(8), 1767-1773.

81 Rockwell, E. & Roldan-Vera, E. (2013). State governance and vicil society in education: revisiting the relationship. [Paedagogica Historica](#), 49(1), 1-16.

82 Sanchez-Quintero, O.M.; Aperador-Chaparro, W.; Ipaz, L.; Sanchez-Barco, J.E.; Espinoza-Beltran, F. & Zambrano, G. (2013). Influence of the Microstructure on the Electrochemical Properties of Al-Cr-N Coatings Deposited by Co-sputtering Method from a Cr-Al Binary Target. [Materials Research-Ibero-American Journal of Materials](#), 16(1), 204-214.



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

83 Alanis, A. Y., Ornelas-Tellez, F. & Sanchez, E. N. (2013). Discrete-Time Inverse Optimal Neural Control for Synchronous Generators. [Engineering Applications of Artificial Intelligence](#), 26(2), 697-705.

84 Saldana-Vazquez, R. A. & Munguia-Rosas, M. A. (2013). Lunar phobia in bats and its ecological correlates: A meta-analysis. [Mammalian Biology](#), 78(3), 216-219.

**[ARTÍCULOS G]** – **RESÚMENES PUBLICADOS EN REVISTAS**

85 Varela-Silva, M. I., Wilson, H., Azcorra, H., Griffiths, P., Bogin, B. & Dickinson, F. (2013). Impact of Activity Levels, Early Life Events and Maternal Factors on the Nutritional Status of Maya Children in Yucatan. [American Journal of Human Biology](#), 25(2), 279.

86 Candanedo-Gonzalez, F., Espinosa-Neira, R., Villegas-Comonfort, S., Marquez, N. S., Cortes-Reynosa, P. & Salazar, E. P. (2013). Progesterone Induces Nf-Kb Activation Through Pi3k/Akt-2 Signal Pathway Which Regulates Focal Adhesion Kinase (Fak) in Mcf-7 Breast Cancer. [Laboratory Investigation](#), 93, 440A-441A.

\*87 Candanedo-Gonzalez, F., Espinosa-Neira, R., Villegas-Comonfort, S., Marquez, N. S., Cortes-Reynosa, P. & Salazar, E. P. (2013). Progesterone Induces Nf-Kb Activation Through Pi3k/Akt-2 Signal Pathway Which Regulates Focal Adhesion Kinase (Fak) in Mcf-7 Breast Cancer. [Modern Pathology](#), 26, 440A-441A.

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

88 Blouin, M., Hodson, M. E., Delgado, E. A. et al. (2013). A review of earthworm impact on soil function and ecosystem services. [European Journal of Soil Science](#), 64(2), 161-182.

89 Garcia-Becerra, R., Santos, N., Diaz, L. & Camacho, J. (2013). Mechanisms of Resistance to Endocrine Therapy in Breast Cancer: Focus on Signaling Pathways, Mirnas and Genetically Based Resistance. [International Journal of Molecular Sciences](#), 14(1), 108-145.