

ARTÍCULOS DEL MES DE ENERO DE 2013

[ARTÍCULOS A] - ARTÍCULOS PUBLICADOS EN EXLENTO 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, K.A., 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 CdCl₂ 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 TiO₂ 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 Pbpb 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 *Styropodium 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 CO₂, CH₄ and N₂O 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 Ca²⁺ 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 EXLENDO EN OTRAS REVISTAS ESPECIALIZADAS
(INCLUÍDO 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+ínszky, 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.