

## **ARTÍCULOS DEL MES DE FEBRERO DE 2012**

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

- 1 Abazov, V. M. , Abbott, B., Acharya, B. S. & et al. (2012). Measurement of the CP-violating phase  $[f_i]sJ/[psi][f_i]$  using the flavor-tagged decay  $Bs0 \rightarrow J/[psi][f_i]$  in 8 fb-1 of pp [over bar] collisions. [Physical Review D](#), 85, 032006.
- 2 Abelev, B., Abrahantes-Quintana, A., Adamov?, D. & et al. (2012).  $J/[f_i]$  Polarization in pp Collisions at  $\sqrt{s}=7$  TeV. [Physical Review Letters](#), 108(8), 082001.
- 3 Abreu, P., Aglietta, M., Ahlers, M. et al. (2012). Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). [Astroparticle Physics](#), 35(9), 591-607.
- 4 Acosta-Muniz, C. H., Escobar-Tovar, L., Valdes-Rodriguez, S., Fernandez-Pavia, S., Arias-Saucedo, L. J., Barquera, M. D. E. & Lim, M. A. G. (2012). Identification of Avocado (Persea Americana) Root Proteins Induced by Infection With the Oomycete Phytophthora Cinnamomi Using a Proteomic Approach. [Physiologia Plantarum](#), 144(1), 59-72.
- 5 Aguilar, G., Choi, B., Broekgaarden, M. et al. (2012). An Overview of Three Promising Mechanical, Optical, and Biochemical Engineering Approaches to Improve Selective Photothermolysis of Refractory Port Wine Stains . [Annals of Biomedical Engineering](#), 40(2), 486-506.
- 6 Aguilar-Ibanez, C., Sira-Ramirez, H., Suarez-Castanon, M. S., Martinez-Navarro, E. & Moreno-Armendariz, M. A. (2012). The Trajectory Tracking Problem for an Unmanned Four-Rotor System: Flatness-Based Approach. [International Journal of Control](#), 85(1), 69-77.
- 7 Aguirre, C., Torres, I., Mendoza-Hernandez, G., Garcia-Gasca, T. & Blanco-Labra, A. (2012). Analysis of Protein Fractions and Some Minerals Present in Chan (Hyptis Suaveolens L.) Seeds. [Journal of Food Science](#), 77(1), C15-C19.
- 8 Angeles-Nunez, J. G. & Tiessen, A. (2012). Regulation of AtSUS2 and AtSUS3 by glucose and the transcription factor LEC2 in different tissues and at different stages of Arabidopsis seed development. [Plant Molecular Biology](#), 78(4-5), 377-392.
- 9 Ballesteros-Rodea, G., Santillan, M., Martinez-Calvillo, S. & Manning-Cela, R. (2012). Flagellar Motility of Trypanosoma Cruzi Epimastigotes. [Journal of Biomedicine and Biotechnology](#), 2012, 520380.
- 10 Barba-de la Rosa, A. P., Briones-Cerecerero, E., Lugo-Melchor, O. et al. (2012). Hox B4 as potential marker of non-differentiated cells in human cervical cancer cells. [Journal of Cancer Research and Clinical Oncology](#), 138(2), 293-300.
- 11 Bauer, W. & Vasilevski, N. (2012). Commutative Toeplitz Banach Algebras on the Ball and Quasi-Nilpotent Group Action. [Integral Equations and Operator Theory](#), 72(2 ), 223-240.

- \*12 Bonilla-Delgado, J., Bulut, G., Liu, X. et al. (2012). The E6 Oncoprotein from HPV16 Enhances the Canonical Wnt/+\_-Catenin Pathway in Skin Epidermis In Vivo. [Molecular Cancer Research](#), 10(2), 250-258.
- 13 Bravo-Hernandez, M., Cervantes-Duran, C., Pineda-Farias, J. B., Barragan-Iglesias, P., Lopez-Sanchez, P. & Granados-Soto, V. (2012). Role of peripheral and spinal 5-HT3 receptors in development and maintenance of formalin-induced long-term secondary allodynia and hyperalgesia. [Pharmacology Biochemistry and Behavior](#), 101(2), 246-257.
- 14 Campechano Carrera, E. M., De Dios Figueroa Cardenas, J., Arambula Villa, G., Martinez Flores, H. E., Jimenez Sandoval, S. J. & Luna Barcenas, J. G. (2012). New ecological nixtamalisation process for tortilla production and its impact on the chemical properties of whole corn flour and wastewater effluents. [International Journal of Food Science and Technology](#), 47(3), 564-571.
- 15 Cardenas, G. , Valdez, R., Saenz, B., Bottasso, O., Fragoso, G., Sciutto, E., Romano, M. C. & Fleury, A. (2012). Impact of *Taenia solium* neurocysticercosis upon endocrine status and its relation with immuno-inflammatory parameters. [International Journal for Parasitology](#), 42(2), 171-176.
- 16 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Inclusive Search for Squarks and Gluininos in Pp Collisions at Root S=7 Tev. [Physical Review D](#), 85(1), 012004.
- 17 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M., Tumasyan, A., Adam, W., Bergauer, T., Dragicevic, M., Erö, J. & Fabjan, C. (2012). J/[fi] and [fi](2S) production in pp collisions at [root]s = 7 Tev. [Journal of High Energy Physics](#), 2012(02), 011.
- 18 Chavira-Suarez, E., Sandoval, A., Quintero, H., Bustamante, P., Felix, R. & Lamas, M. (2012). Hyperglycemia induces early upregulation of the calcium sensor KChIP3/DREAM/calsenilin in the rat retina. [Biochemical and Biophysical Research Communications](#), 418(2), 420-425.
- 19 Cid-Garcia, A., Lozada-Morales, R., Lopez-Calzada, G. et al. (2012). Room temperature photoluminescence in crystalline/amorphous Er-doped Cd<sub>2</sub>V<sub>2</sub>O<sub>7</sub>. [Journal of Luminescence](#), 132(6), 1511-1514.
- 20 Cisneros-Mejorado, A. & Herrera, D. P. S. (2012). Cgmp and Cyclic Nucleotide-Gated Channels Participate in Mouse Sperm Capacitation. [Febs Letters](#), 586(2), 149-153.
- 21 Cuellar-Herrera, M., Velasco, A. L., Velasco, F. et al. (2012). Mu Opioid Receptor Mrna Expression, Binding, and Functional Coupling to G-Proteins in Human Epileptic Hippocampus. [Hippocampus](#), 22(2), 122-127.
- 22 De Los Cobos-Vasconcelos, D., Ruiz-Ordaz, N., Galindez-Mayer, J., Poggi-Varaldo, H., Juarez-Ramirez, C. & Aaron, L. M. ( 2012). Aerobic Biodegradation of a Mixture of Sulfonated Azo Dyes by a Bacterial Consortium Immobilized in a Two-Stage Sparged Packed-Bed Biofilm Reactor. [Engineering in Life Sciences](#), 12(1), 39-48.

- 23 Delgado-Sandoval, S. C., Abraham-Juarez, M. J. & Simpson, J. (2012). Agave tequilana MADS genes show novel expression patterns in meristems, developing bulbils and floral organs. [Sexual Plant Reproduction](#), 25(1), 11-26.
- 24 Diaz-Guillen, M. R., Fuentes, A. F., Diaz-Guillen, J. A., Santamaria, J. & Leon, C. (2012). Study of the nearly constant dielectric loss regime in ionic conductors with pyrochlore-like structure. [Boletin de La Sociedad Espanola de Ceramica y Vidrio](#), 51(1), 7-12.
- 25 Diaz-Martinez, M., Nava-Cedillo, A., Guzman-Lopez, J. A., Escobar-Guzman, R. & Simpson, J. (2012). Polymorphism and methylation patterns in Agave tequilana Weber var. ??Azul ?Ö plants propagated asexually by three different methods. [Plant Science](#), 185-186, 321-330.
- 26 Didenko, P. I., Efremov, A. A. & Kudriavtsev, Y. (2012). Manifestation of matrix effects in the energy spectra of secondary ions of titanium isotopes. [Journal of Surface Investigation-X-Ray Synchrotron and Neutron Techniques](#), 6(1), 182-186.
- 27 Drobna, Z., Del Razo, L. M., Garcia-Vargas, G., Sanchez-Ramirez, B., Gonzalez-Horta, C., Ballinas-Casarrubias, L., Loomis, D. & Styblo, M. (2012). Identification of the Gst-T1 and Gst-M1 Null Genotypes Using High Resolution Melting Analysis. [Chemical Research in Toxicology](#), 25(1), 216-224.
- 28 Gamero-Melo, P., Melo-Trejo, P. A., Cervantes-Vasquez, M., Mendizabal-Navarro, N. P., Paz-Michel, B., Villar-Masetto, T. I., Gonzalez-Fuentes, M. A. & Paz-Sandoval, M. A. (2012). Chemistry of Iridium(I) Cyclooctadiene Compounds With Thiapentadienyl, Sulfinylpentadienyl, and Butadienesulfonyl Ligands. [Organometallics](#), 31(1), 170-190.
- 29 Garcia, E., Silva-Garcia, R., Mestre, H., Flores, N., Martinon, S., Calderon-Aranda, E. S. & Ibarra, A. (2012). Immunization With A91 Peptide or Copolymer-1 Reduces the Production of Nitric Oxide and Inducible Nitric Oxide Synthase Gene Expression After Spinal Cord Injury. [Journal of Neuroscience Research](#), 90(3), 656-663.
- 30 Genauer, J. (2012). Cobordism Categories of Manifolds With Corners. [Transactions of the American Mathematical Society](#), 364(1), 519-550.
- 31 Halcinova, L., Hutnik, O. & Mesiar, R. (2012). On distance distribution functions-valued submeasures related to aggregation functions: Theme : Generalized Measures. [Fuzzy Sets and Systems](#), 194, 15-30.
- 32 Heil, M., Ibarra-Laclette, E., Adame-Alvarez, R. M., Martinez, O., Ramirez-Chavez, E., Molina-Torres, J. & Herrera-Estrella, L. (2012). How plants sense wounds: damaged-self recognition is based on plant-derived elicitors and induces octadecanoid signaling. [Plos One](#), 7(2), e30537.
- 33 Hernandez-Munoz, L. S., Gonzalez-Fuentes, M. A., Diaz-Sanchez, B. R., Fragoso-Soriano, R., Vazquez-Lopez, C. & Gonzalez, F. J. (2012). Covalent modification of carbon surfaces with ferrocene groups through a self-mediated oxidation of tetrabutylammonium salts of ferrocene-carboxylic acids. [Electrochimica Acta](#), 63, 287-294.

- 34 Hoffman, K. L. & Rueda Morales, R. I. (2012). D1 and D2 dopamine receptor antagonists decrease behavioral bout duration, without altering the bout's repeated behavioral components, in a naturalistic model of repetitive and compulsive behavior. *Behavioural Brain Research*, 230(1), 1-10.
- 35 Javier-Reyna, R., Hernandez-Ramirez, V. I., Gonzalez-Robles, A., Galvan-Mendoza, I., Osorio-Trujillo, C. & Talamas-Rohana, P. (2012). Rab7 and actin cytoskeleton participate during mobilization of +\_1EHFNR in fibronectin-stimulated Entamoeba histolyticatrophozoites. *Microscopy Research and Technique*, 75(3), 285-293.
- 36 Juarez-De la Rosa, B. A., Munoz-Saldana, J., Torres-Torres, D., Ardisson, P.-L. & Alvarado-Gil, J. J. (2012). Nanoindentation characterization of the micro-lamellar arrangement of black coral skeleton. *Journal of Structural Biology*, 177(2), 349-357.
- \*37 Juarez-Lopez, S., Camacho-Nieto, O. & Chairez-Oria, J. I. (2012). Non-parametric modeling of uncertain hyperbolic partial differential equations using pseudo-high order sliding mode observers. *International Journal of Innovative Computing Information and Control*, 8(3A), 1501-1521.
- 38 Korol, V. M. & Kudriavtsev, Y. (2012). Implantation of sodium ions into germanium. *Semiconductors*, 46(2), 257-262.
- 39 Kravchenko, V. V. & Torba, S. M. ( 2012). Transmutations for Darboux transformed operators with applications. *Journal of Physics A-Mathematical and Theoretical*, 45, 075201.
- 40 La Merrill, M., Torres-Sanchez, L., Ruiz-Ramos, R., Lopez-Carrillo, L., Cebrian, M. E. & Chen, J. (2012). The Association Between First Trimester Micronutrient Intake, Mthfr Genotypes, and Global Dna Methylation in Pregnant Women. *Journal of Maternal-Fetal & Neonatal Medicine*, 25(2), 133-137.
- 41 Linares-Flores, J., Sira-Ramirez, H., Yesca-Mendoza, E. & Vasquez-Sanjuan, J. J. (2012). A Comparison Between the Algebraic and the Reduced Order Observer Approaches for on-Line Load Torque Estimation in a Unit Power Factor Rectifier-Dc Motor System. *Asian Journal of Control*, 14(1), 45-57.
- 42 Lopez-Islas, I., Lopez-Sanchez, P., Ibarra, M., Gallardo-Ortiz, I. A. & Terron, J. A. (2012). Effect of Inter-Renal Aortic Coarctation-Induced Hypertension on Function and Expression of Vascular Alpha(1a)- and Alpha(1d)-Adrenoceptors. *Canadian Journal of Physiology and Pharmacology*, 90(1), 1-12.
- \*43 Lopez-Luna, J., Gonzalez-Chavez, M. C., Esparza-Garcia, F. J. & Rodriguez-Vazquez, R. (2012 ). Fractionation and availability of heavy metals in tannery sludge-amended soil and toxicity assessment on the fully-grown Phaseolus vulgaris cultivars. *Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering*, 47(3), 405-419.
- 44 Luna-Munguia, H., Meneses, A., Pena-Ortega, F., Gaona, A. & Rocha, L. (2012). Effects of Hippocampal High-Frequency Electrical Stimulation in Memory Formation and Their Association With Amino Acid Tissue Content and Release in Normal Rats. *Hippocampus*, 22(1), 98-105.

- 45 Maczka, M., Mendoza-Mendoza, E., Fuentes, A. F., Lemaaski, K. & Derena, P. (2012). Low-temperature synthesis, luminescence and phonon properties of Er and/or Dy doped LaAlO<sub>3</sub> nanopowders. *Journal of Solid State Chemistry*, 187, 249-257.
- 46 Martinez-Antonio, A., Lomnitz, J. G., Sandoval, S., Aldana, M. & Savageau, M. A. (2012). Regulatory design governing progression of population growth phases in bacteria. *Plos One*, 7(2), e30654.
- 47 Mata-Machuca, J. L. & Martinez-Guerra, R. (2012). Asymptotic synchronization of the Colpitts oscillator. *Computers & Mathematics With Applications*, 63(6), 1072-1078.
- 48 Montano, J., Perez, M. A., Ramirez-Zavaleta, F. & Toscano, J. J. (2012). Decays Z' -> [gamma][gamma][gamma] and Z -> [gamma][gamma][gamma] in the minimal 331 model. *Physical Review D*, 85(3), 035012.
- 49 Munguia-Rosas, M. A., Parra-Tabla, V., Ollerton, J. & Cervera, J. C. (2012). Environmental control of reproductive phenology and the effect of pollen supplementation on resource allocation in the cleistogamous weed, Ruellia nudiflora (Acanthaceae). *Annals of Botany*, 109(2), 343-350.
- 50 Munoz-Flores, B. M., Perez, V. M. J., Santillan, R. L., Ochoa, M. E. & Waksman, N. (2012). 4-[E)-(4-Fluorobenzylidene)Amino]Benzoic Acid. *Acta Crystallographica Section E-Structure Reports Online*, 68, 075.
- 51 Nakamura, T. , Tsutsumi, V., Torimura, T. et al. (2012). Human Peripheral Blood Cd34-Positive Cells Enhance Therapeutic Regeneration of Chronically Injured Liver in Nude Rats. *Journal of Cellular Physiology*, 227(4), 1538-1552.
- 52 Ocadiz-Delgado, R., Castaneda-Saucedo, E., Indra, A. K. et al. (2012). RXR[alpha] deletion and E6E7 oncogene expression are sufficient to induce cervical malignant lesions in vivo. *Cancer Letters*, 317(2), 226-236.
- 53 Pedrozo-Acua, A., Mario-Tapia, I., Enriquez, C., Medellin-Mayoral, G. & Gonzalez-Villareal, F. J. (2012). Evaluation of inundation areas resulting from the diversion of an extreme discharge towards the sea: case study in Tabasco, Mexico. *Hydrological Processes*, 26(5), 687-704.
- 54 Reyes, M. E. D., Delgado, G. T., Perez, R. C., Marin, J. M. & Angel, O. Z. (2012). How Room-Humidity During the Coating Affects the Structural, Optical and Photocatalytic Properties of TiO<sub>2</sub> Films. *Journal of Sol-Gel Science and Technology*, 61(2), 310-315.
- 55 Rojas-Blanco, L., Urzua, M. D., Ramirez-Bon, R. & Beltran, F. J. E. (2012). Photocatalytic Thin Films Containing TiO<sub>2</sub>:N Nanopowders Obtained by the Layer-by-Layer Self-Assembling Method. *Applied Surface Science*, 258(6), 2103-2106.

- 56 Sanchez-Vergara, M. E., Garcia-Montalvo, V., Alonso-Huitron, J. C., Rodriguez, A. & Jimenez-Sandoval, O. (2012). Electrical and Optical Properties of One-Dimensional Metallophthalocyanine ( $M = Fe$ ) Thin Films Grown by Thermal Evaporation. *Journal of Materials Science-Materials in Electronics*, 23(1), 193-199.
- 57 Sierra-Santoyo, A., Angeles-Soto, E., Lopez-Gonzalez, M. L., Harrison, R. A. & Hughes, M. F. (2012). In vitro metabolism of the anti-androgenic fungicide vinclozolin by rat liver microsomes. *Archives of Toxicology*, 86(3), 413-421.
- 58 Soriano-Ursua, M. A., Mcnaught-Flores, D. A., Nieto-Alamilla, G., Segura-Cabrera, A., Correa-Basurto, J., Arias-Montano, J. A. & Trujillo-Ferrara, J. G. (2012). Cell-Based and in-Silico Studies on the High Intrinsic Activity of Two Boron-Containing Salbutamol Derivatives at the Human Beta(2)-Adrenoceptor. *Bioorganic & Medicinal Chemistry*, 20(2), 933-941.
- 59 Tadayoni, R., Rendon, A., Soria-Jasso, L. E. & Cisneros, B. (2012). Dystrophin Dp71: the Smallest but Multifunctional Product of the Duchenne Muscular Dystrophy Gene. *Molecular Neurobiology*, 45(1), 43-60.
- 60 Tellez, R., Gomez-Vaquez, L. & Meneses, A. (2012). GABA, glutamate, dopamine and serotonin transporters expression on memory formation and amnesia. *Neurobiology of Learning and Memory*, 97(2), 189-201.
- 61 Treesatayapun, C. (2012). Fuzzy Rules Emulated Networks With Adaptive Controller for Nonaffine Discrete-Time Systems. *Neural Computing & Applications*, 21(1), 55-65.
- 62 Vazquez-Roque, R. A., Ramos, B., Tecuatl, C. et al. (2012). Chronic administration of the neurotrophic agent cerebrolysin ameliorates the behavioral and morphological changes induced by neonatal ventral hippocampus lesion in a rat model of schizophrenia. *Journal of Neuroscience Research*, 90(1), 288-306.
- 63 Vega-Cendejas, M. E., De Santillana, M. H. & Arceo, D. (2012). Length-Weight Relationships for Selected Fish Species From a Coastal Lagoon Influenced by Freshwater Seeps: Yucatan Peninsula, Mexico. *Journal of Applied Ichthyology*, 28(1), 140-142.
- 64 Vivar, C., Traub, R. D. & Gutierrez, R. (2012). Mixed Electrical-Chemical Transmission Between Hippocampal Mossy Fibers and Pyramidal Cells. *European Journal of Neuroscience*, 35(1), 76-82.
- 65 Williams, R. A., Leblanc, L. J., Jimenez-Garcia, K., Beeler, M. C., Perry, A. R., Phillips, W. D. & Spielman, I. B. (2012). Synthetic Partial Waves in Ultracold Atomic Collisions. *Science*, 335(6066), 314-317.

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

- 66 Benavides-Parra, J. C. & Carbajal-Tinoco, D. (2012). Brownian motion of a colloidal particle near a soft interface. [AIP Conference Proceedings](#), 1420, 128-132.
- 67 Conde-Gallardo, A., Ayon-Beato, E., Godina-Nava, J. J., Hernandez-Contreras, M. & Velasco-Sevilla, L. (2012). Preface: Advanced Summer School in Physics 2011. [AIP Conference Proceedings](#), 1420, 1-2.
- 68 Gomez-Rodriguez, M. A., Sosa-Sosa, V. J. & Lopez-Arevalo, I. (2012). Mobile applications middleware for file swapping. [Communications in Computer and Information Sciences](#), 222, 84-94.

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

- 69 Harman, G. E., Herrera-Estrella, A. H., Horwitz, B. A. & Lorito, M. (2012). Special Issue: Trichoderma - From Basic Biology to Biotechnology. [Microbiology-Sgm](#), 158, 1-2.
- 70 Risco-Martin, J. L., Lanchares, J. & Coello-Coello, C. A. (2012). Special Issue on Evolutionary Computation on General Purpose Graphics Processing Units. [Soft Computing](#), 16(2), 185-186.
- 71 Rodriguez-Reyes, M., Pech-Canul, M. I., Parga-Torres, J. R., Acevedo-Davila, J. L., Sanchez-Araiza, M. & Lopez, H. F. (2012). Development of Aluminum Hydroxide in Al-Mg-Si/Sic(P) Infiltrated Composites Exposed to Long Term Moist Air (Vol 37, Pg 2719, 2011). [Ceramics International](#), 38(1), 887.

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

- 72 Robles-Gonzalez, V., Galindez-Mayer, J., Rinderknecht-Seijas, N. & Poggi-Varaldo, H. M. (2012). Treatment of mezcal vinasses: A review: Special Issue: IBS2010 Part II (Biotechnology for a more sustainable environment decontamination and energy production). [Journal of Biotechnology](#), 157(4), 524-546.