

ARTÍCULOS DEL MES DE ENERO 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). Evidence for Spin Correlation in tt[over bar] Production. [Physical Review Letters](#), 108, 032004.
- 2 Abazov, V. M. , Abbott, B., Acharya, B. S. & et al. (2012). Measurement of the relative branching ratio of Bs0 -> J/[psi]f0(980) to Bs0 -> J/[psi][phi]. [Physical Review D](#), 85, 011103.
- 3 Abazov, V. M. , Abbott, B., Acharya, B. S. & et al. (2012). Search for Doubly Charged Higgs Boson Pair Production in pp[over bar] Collisions at [root] s=1.96 TeV. [Physical Review Letters](#), 108, 021801.
- 4 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for anomalous Wtb couplings in single top quark production in collisions at [root] s=1.96 TeV. [Physics Letters B](#), 708(1-2), 21-26.
- 5 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for Higgs Bosons Decaying to Tau(+)Tau(-) Pairs in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physics Letters B](#), 707(3-4), 323-329.
- 6 Abreu, P., Aglietta, M., Ahn, E. J. et al. (2012). Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. [Astroparticle Physics](#), 35(6), 354-361.
- 7 Aldaba-Muruato, L. R., Moreno, M. G., Shibayama, M., Tsutsumi, V. & Muriel, P. (2012). Protective effects of allopurinol against acute liver damage and cirrhosis induced by carbon tetrachloride: Modulation of NF-+!B, cytokine production and oxidative stress. [Biochimica Et Biophysica Acta \(BBA\) - General Subjects](#), 1820(2), 65-75.
- 8 Alfaro, C. A. & Valencia, C. E. (2012). On the sandpile group of the cone of a graph. [Linear Algebra and Its Applications](#), 436(5), 1154-1176.
- 9 Aquino-Miranda, G., Osorio-Espinoza, A., Escamilla-Sanchez, J., Gonzalez-Pantoja, R., Ortiz, J. & Arias-Montano, J. A. (2012). Histamine H3 receptors modulate depolarization-evoked [3H]-noradrenaline release from rat olfactory bulb slices. [Neuropharmacology](#), 62(2), 1127-1133.
- 10 Argumedo-Delira, R., Alarcon, A., Ferrera-Cerrato, R., Almaraz, J. J. & Pena-Cabriales, J. J. (2012). Tolerance and growth of 11 Trichoderma strains to crude oil, naphthalene, phenanthrene and benzo[a]pyrene: Environmental Risks and Problems, Strategies to reduce them through Biotechnology and Engineering. [Journal of Environmental Management](#), 95(S), S291-S299.
- 11 Arias-Gonzalez, J. E., Acosta-Gonzalez, G., Membrillo, N., Garza-Perez, J. R. & Castro-Perez, J. M. (2012). Predicting Spatially Explicit Coral Reef Fish Abundance, Richness and Shannon-Weaver Index From Habitat Characteristics. [Biodiversity and Conservation](#), 21(1), 115-130.

- 12 Armendariz, J., Treesatayapun, C. & Baltazar, A. (2012). Force feedback controller based on fuzzy-rules emulated networks and Hertzian contact with ultrasound. [Mechanical Systems and Signal Processing](#), 27, 534-550.
- *13 Armendariz-Borunda, J., Lyra-Gonzalez, I., Medina-Preciado, D. et al. (2012). A Controlled Clinical Trial With Pirfenidone in the Treatment of Pathological Skin Scarring Caused by Burns in Pediatric Patients. [Annals of Plastic Surgery](#), 68(1), 22-28.
- 14 Aviles-Arnaut, H. & Delano-Frier, J. P. (2012). Characterization of the Tomato Prosystemin Promoter: Organ-specific Expression, Hormone Specificity and Methyl Jasmonate Responsiveness by Deletion Analysis in Transgenic Tobacco Plants(F). [Journal of Integrative Plant Biology](#), 54(1), 15-32.
- 15 Barona-Gomez, F., Cruz-Morales, P. & Noda-Garcia, L. (2012). What can genome-scale metabolic network reconstructions do for prokaryotic systematics? [Antonie Van Leeuwenhoek International Journal of General and Molecular Microbiology](#), 101(1), 35-43.
- 16 Basin, M., Elvira-Ceja, S. & Sanchez, E. N. (2012). Mean-square H ?P filtering for stochastic systems: Application to a 2DOF helicopter. [Signal Processing](#), 92(3), 801-806.
- 17 Baudet, M. L., Zivraj, K. H., Abreu-Goodger, C., Muldal, A., Armisen, J., Blenkiron, C., Goldstein, L. D., Miska, E. A. & Holt, C. E. (2012). Mir-124 Acts Through Corest to Control Onset of Sema3a Sensitivity in Navigating Retinal Growth Cones. [Nature Neuroscience](#), 15(1), 29-U213.
- 18 Bermudez, D. , Fernandez, C. D. J. & Fernandez-Garcia, N. (2012). Wronskian differential formula for confluent supersymmetric quantum mechanics. [Physics Letters A](#), 376(5), 692-696.
- 19 Blanco-Munoz, J., Lacasana, M., Aguilar-Garduno, C., Rodriguez-Barranco, M., Bassol, S., Cebrian, M. E., Lopez-Flores, I. & Ruiz-Perez, I. (2012). Effect of Exposure to P,P '-Dde on Male Hormone Profile in Mexican Flower Growers. [Occupational and Environmental Medicine](#), 69(1), 5-11.
- 20 Burciaga-Diaz, O., Escalante-Garcia, J. I. & Gorokhovsky, A. (2012). Geopolymers Based on a Coarse Low-Purity Kaolin Mineral: Mechanical Strength as a Function of the Chemical Composition and Temperature. [Cement & Concrete Composites](#), 34(1), 18-24.
- 21 Burgueno-Tapia, E., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2012). Conformational analysis of perezone and dihydroperezone using vibrational circular dichroism. [Phytochemistry](#), 74, 190-195.
- 22 Calderon-Rivera, A., Andrade, A., Hernandez-Hernandez, O., Gonzalez-Ramirez, R., Sandoval, A., Rivera, M., Gomora, J. C. & Felix, R. (2012). Identification of a disulfide bridge essential for structure and function of the voltage-gated Ca²⁺ channel ?±2?'-1 auxiliary subunit. [Cell Calcium](#), 51(1), 22-30.
- 23 Campos, H. M., Kravchenko, V. V. & Torba, S. M. (2012). Transmutations, L-bases and complete families of solutions of the stationary Schrodinger equation in the plane. [Journal of Mathematical Analysis and Applications](#), 389(2), 1222-1238.

- 24 Campos-Gonzalez, E., Rodriguez-Fragoso, P., Gonzalez de la Cruz, G., Santoyo-Salazar, J. & Zelaya-Angel, O. (2012). Synthesis of CdSe nanoparticles immersed in an organic matrix of amylopectin by means of rf sputtering. *Journal of Crystal Growth*, 338(1), 251-255.
- 25 Carrillo, L. R. G., Lopez, A. E. D., Lozano, R. & Pegard, C. (2012). Combining Stereo Vision and Inertial Navigation System for a Quad-Rotor Uav. *Journal of Intelligent & Robotic Systems*, 64(1-4), 373-387.
- 26 Carvajal-Gamez, B. I., Quintas-Granados, L. I., Arroyo, R., Mendoza-Hernandez, G. & Alvarez-Sanchez, M. E. (2012). Translation initiation factor eIF-5A, the hypusine-containing protein, is phosphorylated on serine and tyrosine and O-glycosylated in Trichomonas vaginalis. *Microbial Pathogenesis*, 52(3), 177-183.
- 27 Castaneda, C. E., Loukianov, A. G., Sanchez, E. N. & Castillo-Toledo, B. (2012). Discrete-Time Neural Sliding-Mode Block Control for a Dc Motor With Controlled Flux. *Ieee Transactions on Industrial Electronics*, 59(2), 1194-1207.
- 28 Ceto, X., Cespedes, F., Pividori, M. I., Gutierrez, J. M. & Del Valle, M. (2012). Resolution of Phenolic Antioxidant Mixtures Employing a Voltammetric Bio-Electronic Tongue. *Analyst*, 137(2), 349-356.
- 29 Chavez, E., Castro-Sanchez, L., Shibayama, M., Tsutsumi, V., Salazar, E. P., Moreno, M. G. & Muriel, P. (2012). Effects of Acetyl Salycilic Acid and Ibuprofen in Chronic Liver Damage Induced by Ccl4. *Journal of Applied Toxicology*, 32(1), 51-59.
- 30 Chavez-Munguia, B., Castanon, G., Hernandez-Ramirez, V., Gonzalez-Lazaro, M., Talamas-Rohana, P. & Martinez-Palomo, A. (2012). Entamoeba histolytica electrondense granules secretion in vitro and in vivo: Ultrastructural study. *Microscopy Research and Technique*, 75(2), 189-96.
- 31 Chavez-Urbiola, E. A., Vorobiev, Yu. V. & Bulat, L. P. (2012). Solar hybrid systems with thermoelectric generators. *Solar Energy*, 86(1), 369-378.
- *32 Cruz-Morales, E., Meza-Perez, S., Calderon-Amador, J., Flores-Langarica, A. & Flores-Romo, L. (2012). Neonate Antigen Presenting Cells within Murine Intestinal Muscular Layer. *Immunological Investigations*, 41(1), 104-116.
- 33 de Anda Reyes, M. E., Torres Delgado, G., Castanedo Perez, R., Marquez Marin, J. & Zelaya Angel, O. (2012). Optimization of the photocatalytic activity of CdOx;CdTiO3 coupled oxide thin films obtained by sol -gel technique. *Journal of Photochemistry and Photobiology A-Chemistry*, 228(1), 22-27.
- 34 de, I. C. H. S. I., Gonzalez, M. S., Flores, A. H., Lopez, M. I., Alpuche, A. C., Ludert, J. E. & del, A. R. M. (2012). Evaluation of a novel commercial rapid test for dengue diagnosis based on specific IgA detection. *Diagnostic Microbiology and Infectious Disease*, 72(2), 150-155.

- 35 de, M.-F. F. , Quinones-Galvan, J. G., Hernandez-Hernandez, A., Guillen-Cervantes, A., Santana-Aranda, M. A., Olvera, M. d. I. L. & Melendez-Lira, M. (2012). Structural, optical and electrical properties of Cd-doped SnO₂ thin films grown by RF reactive magnetron co-sputtering. [Applied Surface Science](#), 258(7), 2459-2463.
- 36 Derafa, L., Benallegue, A. & Fridman, L. (2012). Super twisting control algorithm for the attitude tracking of a four rotors UAV: Advances in Guidance and Control of Aerospace Vehicles using Sliding Mode Control and Observation Techniques. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 349(2), 685-699.
- 37 Erlij, D., Acosta-Garcia, J., Rojas-Marquez, M., Gonzalez-Hernandez, B., Escartin-Perez, E., Aceves, J. & Floran, B. (2012). Dopamine D4 receptor stimulation in GABAergic projections of the globus pallidus to the reticular thalamic nucleus and the substantia nigra reticulata of the rat decreases locomotor activity. [Neuropharmacology](#), 62(2), 1111-1118.
- 38 Espejo, C., Rangel, T., Pouillon, Y., Romero, A. H. & Gonze, X. (2012). Wannier functions approach to van der Waals interactions in ABINIT. [Computer Physics Communications](#), 183(3), 480-485.
- 39 Estrella-Gomez, N. E., Sauri-Duch, E., Zapata-Perez, O. & Santamaria, J. M. (2012). Glutathione plays a role in protecting leaves of *Salvinia minima* from Pb²⁺ damage associated with changes in the expression of SmGS genes and increased activity of GS. [Environmental and Experimental Botany](#), 75, 188-194.
- 40 Fernandez-Rendon, E., Cerna-Cortes, J. F., Ramirez-Medina, M. A., Helguera-Repetto, A. C., Rivera-Gutierrez, S., Estrada-Garcia, T. & Gonzalez-Y-Merchand, J. A. (2012). Mycobacterium Mucogenicum and Other Non-Tuberculous Mycobacteria in Potable Water of a Trauma Hospital: a Potential Source for Human Infection. [Journal of Hospital Infection](#), 80(1), 74-76.
- 41 Flores, G. R., Escareno, J., Lozano, R. & Salazar, S. (2012). Quad-Tilting Rotor Convertible Mav: Modeling and Real-Time Hover Flight Control. [Journal of Intelligent & Robotic Systems](#), 64(1-4), 457-471.
- 42 Flores-Garcia, J. C., Pech-Canul, M. I., Leal-Cruz, A. L. & Rendon-Angeles, J. C. (2012). Synthesis of ([alpha]- and [beta])-Si₃N₄/Si₂N₂O into silicon particulate porous preforms by hybrid system CVI and direct nitridation. [Journal of the European Ceramic Society](#), 32(1), 175-184.
- 43 Fraguela, L., Fridman, L. & Alexandrov, V. V. (2012). Position stabilization of a Stewart platform: High-order sliding mode observers based approach: Advances in Guidance and Control of Aerospace Vehicles using Sliding Mode Control and Observation Techniques. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 349(2), 441-455.
- 44 Franco, M., Chairez, I., Poznyak, T. & Poznyak, A. (2012). BTEX decomposition by ozone in gaseous phase: Environmental Risks and Problems, Strategies to reduce them through Biotechnology and Engineering. [Journal of Environmental Management](#), 95(S), S55-S60.

- 45 Frausto-Del-Rio, D., Soto-Cruz, I., Garay-Canales, C., Ambriz, X., Soldevila, G., Carretero-Ortega, J., Vazquez-Prado, J. & Ortega, E. (2012). Interferon gamma induces actin polymerization, Rac1 activation and down regulates phagocytosis in human monocytic cells. *Cytokine*, 57(1), 158-168.
- *46 Galicia-Moreno, M., Favari, L. & Muriel, P. (2012). Antifibrotic and antioxidant effects of N-acetylcysteine in an experimental cholestatic model. *European Journal of Gastroenterology & Hepatology*, 24(2), 179-185.
- 47 Gandini, M. A. & Felix, R. (2012). Functional interactions between voltage-gated Ca²⁺ channels and Rab3-interacting molecules (RIMs): New insights into stimulus-secretion coupling. *Biochimica Et Biophysica Acta (BBA) - Biomembranes*, 1818(3), 551-558.
- 48 Garay-Tapia, A. M., Romero, A. H., Trapaga, G. & Arroyave, R. (2012). First-Principles Investigation of the Al-Si-Sr Ternary System: Ground State Determination and Mechanical Properties. *Intermetallics*, 21(1), 31-44.
- 49 Garcia, O., Castillo, P., Wong, K. C. & Lozano, R. (2012). Attitude Stabilization With Real-Time Experiments of a Tail-Sitter Aircraft in Horizontal Flight. *Journal of Intelligent & Robotic Systems*, 64(1-4), 123-136.
- 50 Garcia-Dalman, C. & Gonzalez-Mariscal, G. (2012). Major role of suckling stimulation for inhibition of estrous behaviors in lactating rabbits: Acute and chronic effects. *Hormones and Behavior*, 61(1), 108-113.
- 51 Garcia-Juarez, M., Beyer, C., Gomora-Arrati, P., Lima-Hernandez, F. J., Dominguez-Ordonez, R., Eguibar, J. R., Etgen, A. M. & Gonzalez-Flores, O. (2012). The nitric oxide pathway participates in lordosis behavior induced by central administration of leptin. *Neuropeptides*, 46(1), 49-53.
- 52 Garrido, R. & Miranda, R. (2012). DC servomechanism parameter identification: a Closed Loop Input Error approach. *ISA Transactions*, 51(1), 42-9.
- 53 Glizer, V. Y., Turetsky, V., Fridman, L. & Shinar, J. (2012). History-dependent modified sliding mode interception strategies with maximal capture zone: Advances in Guidance and Control of Aerospace Vehicles using Sliding Mode Control and Observation Techniques. *Journal of the Franklin Institute-Engineering and Applied Mathematics*, 349(2), 638-657.
- 54 Gomez-Luna, B. E., Ruiz-Aguilar, G. M. D., Vazquez-Marrufo, G., Dendooven, L. & Olalde-Portugal, V. (2012). Enzyme Activities and Metabolic Profiles of Soil Microorganisms at Kiln Sites in Quercus Spp. Temperate Forests of Central Mexico. *Applied Soil Ecology*, 52, 48-55.
- 55 Gonzalez de la Cruz, G. & Gurevich, Yu. G. (2012). Heat transfer in two-layered systems excited by a pulsed laser . *International Journal of Thermal Sciences*, 51, 1-6.
- 56 Gonzalez, A., Garcia, P., Albertos, P., Castillo, P. & Lozano, R. (2012). Robustness of a discrete-time predictor-based controller for time-varying measurement delay. *Control Engineering Practice*, 20(2), 102-110.

- 57 Gonzalez-Cuello, R. E., Ramos-Ramirez, E. G., Cruz-Orea, A. & Salazar-Montoya, J. A. (2012). Rheological characterization and activation energy values of binary mixtures of gellan. [European Food Research and Technology](#), 234(2), 305-313.
- 58 Gonzalez-Robles, A., Salazar-Villatoro, L., Gonzalez-Lazaro, M., Omana-Molina, M. & Martinez-Palomo, A. (2012). Vahlkampfia sp: structural observations of cultured trophozoites. [Experimental Parasitology](#), 130(1), 86-90.
- 59 Guevara-Garcia, J. A. & Montiel-Corona, V. (2012). Used battery collection in central Mexico: Metal content, legislative/management situation and statistical analysis: Environmental Risks and Problems, Strategies to reduce them through Biotechnology and Engineering. [Journal of Environmental Management](#), 95(S), S154-S157.
- 60 Gutierrez-Mejia, F. & Ruiz-Suarez, J. C. (2012). AC magnetic susceptibility at medium frequencies suggests a paramagnetic behavior of pure water. [Journal of Magnetism and Magnetic Materials](#), 324(6), 1129-1132.
- 61 Hanys, P., Pis, I., Masek, K., Sutara, F., Matolin, V. & Nehasil, V. (2012). Photoemission and Leed Study of the Sn/Rh(111) Surface-Early Oxidation Steps and Thermal Stability. [Journal of Physics-Condensed Matter](#), 24(1), 015002.
- 62 Hernandez, J. G., Garcia-Lopez, V. & Juaristi, E. (2012). Solvent-Free Asymmetric Aldol Reaction Organocatalyzed by (S)-Proline-Containing Thiodipeptides Under Ball-Milling Conditions. [Tetrahedron](#), 68(1), 92-97.
- 63 Hernandez-Sanchez, J., Honorato, C. G., Perez, M. A. & Toscano, J. J. (2012). $[\gamma][\gamma] \rightarrow [\phi]\phi$ processes in the type-III two-Higgs-doublet model. [Physical Review D](#), 85, 015020.
- 64 Juarez-De La Rosa, B. A., Quintana, P., Ardisson, P. L., Yanez-Limon, J. M. & Alvarado-Gil, J. J. (2012). Effects of Thermal Treatments on the Structure of Two Black Coral Species Chitinous Exoskeleton. [Journal of Materials Science](#), 47(2), 990-998.
- 65 Kremer, R. K., Cardona, M., Lauck, R., Siegle, G. & Romero, A. H. (2012). Vibrational and thermal properties of ZnX (X=Se, Te): Density functional theory (LDA and GGA) versus experiment. [Physical Review B](#), 85, 035208.
- 66 Larios, F. & Perez, M. A. (2012). New physics effects on hadronic decay asymmetries of the top quark. [Physical Review D](#), 85, 017503.
- 67 Lobb, J. R., Colbourn, C. J., Danziger, P., Stevens, B. & Torres-Jimenez, J. (2012). Cover starters for covering arrays of strength two. [Discrete Mathematics](#), 312(5), 943-956.
- 68 Londono, M., Tellez, L. A. & Gutierrez, R. (2012). Physiological Low Doses of Leptin and Cholecystokinin Induces Body Weight-Loss in Juvenile and Lean, but not in Adult-Obese Rats. [International Journal of Peptide Research and Therapeutics](#), 18(1), 77-88.

- 69 Lopez-Meraz, M. L., Rocha, L. L., Miquel, M., Ortega, J. C., Perez-Estudillo, C. A., Garcia, L. I., Hernandez, M. E. & Manzo, J. (2012). Amino acid tissue levels and GABA receptor binding in the developing rat cerebellum following status epilepticus. [Brain Research](#), 1439, 82-87 .
- 70 Luque-Vega, L., Castillo-Toledo, B. & Loukianov, A. G. (2012). Robust block second order sliding mode control for a quadrotor: Advances in Guidance and Control of Aerospace Vehicles using Sliding Mode Control and Observation Techniques. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 349(2), 719-739.
- 71 Mata-Machuca, J. L., Martinez-Guerra, R., Aguilar-Lopez, R. & Aguilar-Ibanez, C. (2012). A Chaotic System in Synchronization and Secure Communications. [Communications in Nonlinear Science and Numerical Simulation](#), 17(4), 1706-1713.
- 72 Meza, I., Diaz-Valencia, J. D., Franco, E., Villegas-Sepulveda, N., Lezama, R. A. & Benitez-King, G. (2012). Molecular and Functional Characterization of an Entamoeba Histolytica Protein (Ehmlci) With Features of a Myosin Essential Light Chain. [Molecular and Biochemical Parasitology](#), 181(1), 17-28.
- 73 Mis-Fernandez, R., Rios-Soberanis, C. R., Arenas-Alatorre, J. & Azamar-Barrios, J. A. (2012). Synthesis of Carbon Nanostructures From Residual Solids Waste Tires. [Journal of Applied Polymer Science](#), 123(4), 1960-1967.
- 74 Mishra, R. K., Dominguez, R. B., Bhand, S., Munoz, R. & Marty, J.-L. (2012). A novel automated flow-based biosensor for the determination of organophosphate pesticides in milk. [Biosensors & Bioelectronics](#), 32(1), 56-61.
- 75 Morales-Corona, J., Lopez-Barrera, J. A., Avila-Ortega, A., Cruz, G. J., Olayo, M. G., Ortega-Lopez, M., Vasquez-Ortega, M., Vazquez, H. & Olayo, R. (2012). Luminescent Polydibenzothiophene Thin Film Obtained by Glow Discharge Method. [Journal of Applied Polymer Science](#), 123(2), 1120-1124.
- 76 Moukarzel, C. F. (2012). Elastic collapse in disordered isostatic networks. [Epl](#), 97, 36008.
- 77 Munoz, B., Magana, J. J., Romero-Toledo, I., Juarez-Pnrez, E., Lopez-Moya, A., Leyva-Garcia, N., Lopez-Campos, C., Davila-Borja, V. M. & Albores, A. (2012). The relationship among IL-13, GSTP1, and CYP1A1 polymorphisms and environmental tobacco smoke in a population of children with asthma in Northern Mexico. [Environmental Toxicology and Pharmacology](#), 33(2), 226-232.
- 78 Munoz-Flores, J. & Herrera-Gomez, A. (2012). Resolving overlapping peaks in ARXPS data: The effect of noise and fitting method. [Journal of Electron Spectroscopy and Related Phenomena](#), 184(11-12), 533-541.
- 79 Munoz-Paez, K. M., Rios-Leal, E., Valdez-Vazquez, I., Rinderknecht-Seijas, N. & Poggi-Varaldo, H. M. (2012). Re-fermentation of washed spent solids from batch hydrogenogenic fermentation for additional production of biohydrogen from the organic fraction of municipal solid waste: Environmental Risks and Problems, Strategies to reduce them through Biotechnology and Engineering. [Journal of Environmental Management](#), 95(S), S355-S359.

- 80 Ordaz, A., Oliveira, C. S., Quijano, G., Ferreira, E. C., Alves, M. & Thalasso, F. (2012). Kinetic and stoichiometric characterization of a fixed biofilm reactor by pulse respirometry. [Journal of Biotechnology](#), 157(1), 173-179.
- 81 Ortiz-Salazar, M., Martinez-Torres, P., Medina-Esquivel, R., Zambrano-Arjona, M., Quintana, P. & Alvarado-Gil, J. J. (2012). Photothermal Study of the Formation Dynamics of Fumed Silica Thin Films. [International Journal of Thermophysics](#), 33(1), 80-90.
- 82 Palacios, R. A., Burghardt, A. D., Frias-Hernandez, J. T., Olalde-Portugal, V., Grados, N., Alban, L. & Martinez-De la Vega, O. (2012). Comparative study (AFLP and morphology) of three species of Prosopis of the section Algarobia: *P. juliflora*, *P. pallida*, of the "P. pallida-P. juliflora complex". [Plant Systematics and Evolution](#), 298(1), 165-171.
- 83 Pavon-Orozco, P., Santiago-Hernandez, A., Rosengren, A., Hidalgo-Lara, M. E. & Stalbrand, H. (2012). The family II carbohydrate-binding module of xylanase CflXyn11A from Cellulomonas flavigena increases the synergy with cellulase TrCel7B from Trichoderma reesei during the hydrolysis of sugar cane bagasse. [Bioresource Technology](#), 104, 622-630.
- 84 Perez-Garibay, R., Martinez-Ramos, E. & Rubio, J. (2012). Gas dispersion measurements in microbubble flotation systems. [Minerals Engineering](#), 26, 34-40.
- 85 Pifarrn, M., Valdez, R., Gonzalez-Rebeles, C., Vazquez, C. , Romano, M. & Galindo, F. (2012). The effect of zoo visitors on the behaviour and faecal cortisol of the Mexican wolf (*Canis lupus baileyi*). [Applied Animal Behaviour Science](#), 136(1), 57-62.
- 86 Quintanar, L., Montiel, T., Marquez, M., Gonzalez, A. & Massieu, L. (2012). Calpain activation is involved in acute manganese neurotoxicity in the rat striatum in vivo. [Experimental Neurology](#), 233(1), 182-192.
- *87 Quintero-Macias, L., Silva-Sanchez, A., Valderrabano-Ortiz, E., Munguia-Fuentes, R., Aguilar-Leon, D., Hernandez-Pando, R. & Flores-Romo, L. (2012). Reduced in vivo Cytotoxicity and Increased Mycobacterial Burden Are Associated with Virulent *Mycobacterium tuberculosis* Strains During Lung Infection. [Immunological Investigations](#), 41(1), 51-60.
- 88 Ramos-Sanchez, G., Bruno, M. M., Thomas, Y. R. J., Corti, H. R. & Solorza-Feria, O. (2012). Mesoporous carbon supported nanoparticulated PdNi₂: A methanol tolerant oxygen reduction electrocatalyst: 11th China Hydrogen Energy Conference. [International Journal of Hydrogen Energy](#), 37(1), 31-40.
- 89 Reyes, E., Tatakis, Ch. & Thoma, A. (2012). Minimal generators of toric ideals of graphs. [Advances in Applied Mathematics](#), 48(1), 64-78.
- 90 Rios-Flores, A., Ares, O., Camacho, J. M., Rejon, V. & Pena, J. L. (2012). Procedure to obtain higher than 14% efficient thin film CdS/CdTe solar cells activated with HClO₄ gas. [Solar Energy](#), 86(2), 780-785.

- 91 Rocha, L., Alonso-Vanegas, M., Villeda-Hernandez, J. et al. (2012). Dopamine Abnormalities in the Neocortex of Patients With Temporal Lobe Epilepsy. *Neurobiology of Disease*, 45(1), 499-507 .
- 92 Rojas-Oropeza, M., Fernandez, F. J., Dendooven, L. & Cabirol, N. (2012). Effect of methyl parathion on nitrous oxide production: A laboratory study: Environmental Risks and Problems, Strategies to reduce them through Biotechnology and Engineering. *Journal of Environmental Management*, 95(S), S25-S30.
- 93 Rullan-Lara, J. L., Salazar, S. & Lozano, R. (2012). Real-Time Localization of an UAV Using Kalman Filter and a Wireless Sensor Network. *Journal of Intelligent & Robotic Systems*, 64(1-4), 283-293.
- 94 Saint, M. A., Aragon, J., Depardon-Benitez, F., Sanchez-Trujillo, A., Mendoza-Hernandez, G., Ceja, V. & Montanez, C. (2012). Identification of Dp71e, a new dystrophin with a novel carboxy-terminal end. *Febs Journal*, 279(1), 66-77.
- 95 Sanchez-Arreguin, A., Perez-Martinez, A. S. & Herrera-Estrella, A. (2012). Proteomic Analysis of Trichoderma atroviride Reveals Independent Roles for Transcription Factors BLR-1 and BLR-2 in Light and Darkness. *Eukaryotic Cell*, 11(1), 30-41.
- 96 Sanchez-Guerra, M., Pelallo-Martinez, N., Diaz-Barriga, F., Rothenberg, S. J., Hernandez-Cadena, L., Faugeron, S., Oropeza-Hernandez, L. F., Guaderrama-Diaz, M. & Quintanilla-Vega, B. (2012). Environmental polycyclic aromatic hydrocarbon (PAH) exposure and DNA damage in Mexican children. *Mutation Research-Genetic Toxicology and Environmental Mutagenesis*, 742(1-2), 66-71.
- 97 Sandoval-Gonzalez, A., Borja-Arco, E., Escalante, J. J.-S. O. & Gamboa, S. A. (2012). Methanol oxidation reaction on PtSnO₂ obtained by microwave-assisted chemical reduction: 10th International Conference on Clean Energy 2010. *International Journal of Hydrogen Energy*, 37(2), 1752-1759.
- 98 Serna-Morales, A. F., Prieto-Ortiz, F. & Bayro-Corrochano, E. (2012). Acquisition of Three-Dimensional Information of Brain Structures Using Endoneurosonography. *Expert Systems With Applications*, 39(2), 1656-1670.
- 99 Silva-Moreno, A., Gonzalez-Espinosa, C., Leon-Olea, M. & Cruz, S. L. (2012). Synergistic antinociceptive actions and tolerance development produced by morphine-fentanyl coadministration: Correlation with μ -opioid receptor internalization. *European Journal of Pharmacology*, 674 (2-3), 239-247.
- 100 Tang, J., Chai, T. Y., Zhao, L. J., Yu, W. & Yue, H. (2012). Soft Sensor for Parameters of Mill Load Based on Multi-Spectral Segments PLS Sub-Models and on-Line Adaptive Weighted Fusion Algorithm. *Neurocomputing*, 78(1), 38-47.
- 101 Tang, J., Yu, W., Chai, T. & Zhao, L. (2012). On-line principal component analysis with application to process modeling. *Neurocomputing*, 82, 167-178.

102 Torres-Jimenez, J. & Rodriguez-Tello, E. (2012). New bounds for binary covering arrays using simulated annealing. [Information Sciences](#), 185(1), 137-152.

103 Torres-Torres, C., Garcia-Cruz, M. L., Castaneda, L., Rangel Rojo, R., Tamayo-Rivera, L., Maldonado, A., Avendano-Alejo, M. & Torres-Martinez, R. (2012). Photoconductivity, photoluminescence and optical Kerr nonlinear effects in zinc oxide films containing chromium nanoclusters. [Journal of Luminescence](#), 132(4), 1083-1088.

104 Trujillo-Villanueva, K., Rubio-Pina, J., Monforte-Gonzalez, M., Ramirez-Benitez, E. & Vazquez-Flota, F. (2012). The sequential exposure to jasmonate, salicylic acid and yeast extract promotes sanguinarine accumulation in Argemone mexicana cell cultures. [Biotechnology Letters](#), 34(2), 379-385.

105 Zelaya-Angel, O., Tomas, S. A., Rodriguez, P., Mendoza-Alvarez, J. G., Lozada-Morales, R., Portillo-Moreno, O. & Gonzalez-Hernandez, J. (2012). Enhancement of Photoluminescence Due to Erbium-Doped in Cds Thin Films. [Journal of Materials Science](#), 47(1), 479-485.

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

106 Cerna-Cortes, J. F., Vega-Negrete, W., Ortega-Villegas, M. A., Zaidi, M. B. & Estrada-Garcia, T. (2012). Consumption of Street-Vended Beverage a Potential Exposure Risk for Non-O157 Enterohemorrhagic Escherichia Coli Infection: the Importance of Testing for Virulence Loci. [Clinical Infectious Diseases](#), 54(1), 154-155.

107 Sastre Conde, I., Poggi Varaldo, H., Lobo Bedmar, C., Sanz, J. L. & Macarie, H. (2012). Preface: Environmental Risks and Problems, Strategies to reduce them through Biotechnology and Engineering. [Journal of Environmental Management](#), 95(S), S1-S2.

*108 Zaina, S. & Lund, G. (2012). Epigenetic memory, MBD2 and the endothelium. [Current Opinion in Lipidology](#), 23(1), 78-9.

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

109 Camacho-Perez, B., Rios-Leal, E., Rinderknecht-Seijas, N. & Poggi-Varaldo, H. M. (2012). Enzymes involved in the biodegradation of hexachlorocyclohexane: A mini review: Environmental Risks and Problems, Strategies to reduce them through Biotechnology and Engineering. [Journal of Environmental Management](#), 95(S), S306-S318.

110 Carreras-Villasenor, N., Sanchez-Arreguin, J. A. & Herrera-Estrella, A. H. (2012). Trichoderma: sensing the environment for survival and dispersal. [Microbiology](#), 158(Pt 1), 3-16.

111 Cereijido, M., Contreras, R. G., Shoshani, L. & Larre, I. (2012). The Na⁺-K⁺-ATPase as self-adhesion molecule and hormone receptor. [American Journal of Physiology-Cell Physiology](#), 302(3), C473-81.

- 112 Drago-Serrano, M. E., de la Garza-Amaya, M., Luna-Serrano, J. & Campos-Rodriguez, R. (2012). Lactoferrin-lipopolysaccharide (LPS) binding as key to antibacterial and antiendotoxic effects. [International Immunopharmacology](#), 12(1), 1-9.
- 113 Garces, R. S., Torres, J. T. & Valdes, A. F. (2012). Synthesis of SrAl₂O₄ and Sr₃Al₂O₆ at high temperature, starting from mechanically activated SrCO₃ and Al₂O₃ in blends of 3:1 molar ratio. [Ceramics International](#), 38(2), 889-894.
- 114 Hauger, R. L., Olivares-Reyes, J. A., Dautzenberg, F. M., Lohr, J. B., Braun, S. & Oakley, R. H. (2012). Molecular and cell signaling targets for PTSD pathophysiology and pharmacotherapy: Post-Traumatic Stress Disorder. [Neuropharmacology](#), 62(2), 705-714.
- 115 Maravillas-Montero, J. L. & Santos-Argumedo, L. (2012). The myosin family: unconventional roles of actin-dependent molecular motors in immune cells. [Journal of Leukocyte Biology](#), 91(1), 35-46.

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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 Cd₂V₂O₇. [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., Yescas-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 LaAlO₃ 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 TiO₂ 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 TiO₂: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.

7

[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.

ARTÍCULOS DEL MES DE MARZO DE 2012

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

- 1 Aamodt, K., Abelev, B., Abrahantes Quintana, A. et al. (2012). Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at [root] SNN = 2.76 TeV. [Physics Letters B](#), 708(3-5), 249-264.
- 2 Aamodt, K; Abelev, B; Quintana, AA; et al. (2012). Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at root S-NN=2.76 TeV. [Physical Review Letters](#), 108(9), 092301.
- 3 Aaron, P.D.; Alexa, C.; Andreev, V., et al. (2012). Measurement of the azimuthal correlation between the most forward jet and the scattered positron in deep-inelastic scattering at HERA. [European Physical Journal C](#), 72, 1910.
- 4 Abazov, VM; Abbott, B; Acharya, BS; et al. (2012). Z(gamma) production and limits on anomalous ZZ(gamma) and Z(gamma gamma) couplings in p(p)over-bar collisions at root s 1.96 TeV. [Physical Review D](#), 85(5), 052001.
- 5 Abelev, B., Adam, J., Adamović, D. et al. (2012). Heavy flavour decay muon production at forward rapidity in proton-proton collisions at [root] s = 7 TeV. [Physics Letters B](#), 708(3-5), 265-275.
- 6 Abelev, B.; Adam, J.; Adamova, D., et al. (2012). Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at [root] SNN = 2.76 TeV. [Journal of High Energy Physics](#), 2012(03), 053.
- 7 Angulo, M. T. , Fridman, L. & Levant, A. (2012). Output-feedback finite-time stabilization of disturbed LTI systems. [Automatica](#), 48(4), 606-611.
- 8 Azhmyakov, V. (2012). On the set-valued approach to optimal control of sliding mode processes: Special Issue on Optimal Sliding Mode Algorithms for Dynamic Systems. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 349(4), 1323-1336.
- 9 Azhmyakov, V; Basin, MV; Raisch, J. (2012). A Proximal Point Based Approach to Optimal Control of Affine Switched Systems. [Discrete Event Dynamic Systems-Theory And Applications](#), 22(1), 61-81.
- 10 Bajaj, S., Sevik, C., Cagin, T., Garay, A., Turchi, P. E. A. & Arroyave, R. (2012). On the limitations of the DFT+U approach to energetics of actinides. [Computational Materials Science](#), 59, 48-56.
- 11 Bautista-Santiago, C., Diaz-Banez, J. M., Fabila-Monroy, R., Flores-Penalosa, D., Lara, D. & Urrutia, J. (2012). Covering Moving Points With Anchored Disks. [European Journal of Operational Research](#), 216(2), 278-285.
- 12 Bogoya, J. M. , Bottcher, A., Grudsky, S. M. & Maksimenko, E. A. (2012). Eigenvectors of Hessenberg Toeplitz matrices and a problem by Dai, Geary, and Kadanoff. [Linear Algebra and Its Applications](#), 436(9), 3480-3492.

- 13 Castaneda-Priego, R; Lobaskin, V; Mixteco-Sanchez, JC; Rojas-Ochoa, LF; Linse, P. (2012). On the calculation of the structure of charge-stabilized colloidal dispersions using density-dependent potentials. *Journal of Physics-Condensed Matter*, 24(6), 065102.
- 14 Castro-Martinez, C; Luna-Suarez, S; Paredes-Lopez, O. (2012). Overexpression of a modified protein from amaranth seed in Escherichia coli and effect of environmental conditions on the protein expression. *Journal of Biotechnology*, 158(40940), 59-67.
- *15 Chairez, I., Fuentes, R., Poznyak, A., Poznyak, T., Escudero, M. & Viana, L. (2012). Dnn-State Identification of 2d Distributed Parameter Systems. *International Journal of Systems Science*, 43(2), 296-307.
- 16 Chatrchyan, S.; Khachatryan, V.; Siryan, A.M., et al. (2012). Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2l2v$ channel in pp collisions at $\sqrt{s} = 7$ TeV. *Journal of High Energy Physics*, 2012(03), 040.
- 17 Chatrchyan, S; Khachatryan, V; Sirunyan, AM; et al. (2012). Measurement of the rapidity and transverse momentum distributions of Z bosons in pp collisions at $\sqrt{s}=7$ TeV. *Physical Review D*, 85(3), 032002.
- 18 Chavez, JC; Hernandez-Gonzalez, EO; Wertheimer, E; Visconti, PE; Darszon, A; Trevino, CL. (2012). Participation of the Cl-/HCO₃- Exchangers SLC26A3 and SLC26A6, the Cl- Channel CFTR, and the Regulatory Factor SLC9A3R1 in Mouse Sperm Capacitation. *Biology of Reproduction*, 86(1), 14.
- 19 Dendooven, L. , Patino-Zuniga, L., Verhulst, N., Luna-Guido, M., Marsch, R. & Govaerts, B. (2012). Global warming potential of agricultural systems with contrasting tillage and residue management in the central highlands of Mexico. *Agriculture, Ecosystems & Environment*, 152, 50-58 .
- 20 Diaz, ECY; Duarte-Moller, A; Camacho, JM; Castro-Rodriguez, R. (2012). SnO₂ thin films grown by pulsed Nd:YAG laser deposition. *Applied Physics A-Materials Science & Processing*, 106(3), 619-624.
- 21 Diaz-Jimenez, D. F., Mora-Montes, H. M., Hernandez-Cervantes, A., Luna-Arias, J. P., Gow, N. A. R. & Flores-Carreon, A. (2012). Biochemical characterization of recombinant Candida albicans mannosyltransferases Mnt1, Mnt2 and Mnt5 reveals new functions in O- and N-mannan biosynthesis. *Biochemical and Biophysical Research Communications*, 419(1), 77-82.
- 22 Dolabella, SS; Serrano-Luna, J; Navarro-Garcia, F; Cerritos, R; Ximenez, C; Galvan-Moroyoqui, JM; Silva, EF; Tsutsumi, V; Shibayama, M. (2012). Amoebic liver abscess production by Entamoeba dispar. *Annals of Hepatology*, 11(1), 107-117.
- 23 Felipe-Perez, YE; Valencia, J; Juarez-Mosqueda, MD; Pescador, N; Roa-Espitia, AL; Hernandez-Gonzalez, EO. (2012). Cytoskeletal proteins F-actin and beta-dystrobrevin are altered by the cryopreservation process in bull sperm. *Cryobiology*, 64(2), 103-109.

- 24 Ferreira de Loza, A., Jimenez-Lizarraga, M. & Fridman, L. (2012). Robust output Nash strategies based on sliding mode observation in a two-player differential game: Special Issue on Optimal Sliding Mode Algorithms for Dynamic Systems. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 349(4), 1416-1429.
- 25 Flores, V. L.-M. A., Mendoza-Hernandez, G. & Guarneros, G. (2012). Comparative genomic analysis of two brucellaphages of distant origins. [Genomics](#), 99(4), 233-240.
- 26 Galeano-Penaloza, J. & Zuniga-Galindo, W. A. (2012). Pseudo-Differential Operators With Semi-Quasielliptic Symbols Over P-Adic Fields. [Journal of Mathematical Analysis and Applications](#), 386(1), 32-49.
- 27 Garcia-Aspeitia, M.A; Magana, J.A. & Matos, T. (2012). Braneworld model of dark matter: structure formation. [General Relativity and Gravity](#), 44, 581-601.
- 28 Garrido, R. & Soria, A. (2012). Visual control of planar parallel robots without using velocity measurements. [Journal of Intelligent & Robotic Systems](#), 66(1-2):111-124.
- 29 Gayosso-Canales, M.; Rodriguez-Vazquez, R.; Esparza-Garcia, F.J. & Bermudez-Cruz, R.M. (2012). PCBs stimulate laccase production and activity in Pleurotus ostreatus thus promoting their removal. [Folia Microbiology](#), 57,149-158.
- 30 Godinez-Garcia, FJ; Celis-Porras, J; Guerrero-Rivera, R; Gamero-Inda, E; Valle-Cervantes, S; Gallegos-Infante, JA; Luna-Barcena, G; Hann-Schlamp, F; Rocha-Fuentes, M. (2012). A Noninvasive Method to Identify Larvae in Apples Based on Wavelets. [Food And Bioprocess Technology](#), 5(2), 568-575.
- 31 Gomez-Galvan, F; Lara-Ceniceros, T; Mercado-Uribe, H. (2012). Device for simultaneous measurements of the optical and dielectric properties of hydrogels. [Measurement Science & Technology](#), 23(2), 025602.
- 32 Gonzalez-Fuentes, M. A., Diaz-Sanchez, B. R., Vela, A. & Gonzalez, F. J. (2012). Radical grafting of carbon surfaces by oxidation of 5-nitroindole derived anions. [Journal of Electroanalytical Chemistry](#), 670, 30-35.
- 33 Gordillo-Roman, B; Camacho-Ruiz, J; Bucio, MA; Joseph-Nathan, P. (2012). Chiral recognition of diastereomeric 6-cedrols by vibrational circular dichroism. [Chirality](#), 24(2), 147-154.
- 34 Gudino-Mendoza, B; Lopez-Mellado, E; Alla, H. (2012). Modeling and simulation of water distribution systems using timed hybrid Petri nets. [Simulation-Transactions of the Society for Modeling and Simulation International](#), 88(3), 329-347.
- 35 Herrera-Suarez, HJ; Rubio-Ponce, A; Olguin, D. (2012). Electronic band structure of platinum low-index surfaces: an ab initio and tight-binding study. II. [Revista Mexicana de Fisica](#), 58(1), 46-54.
- 36 Herrera-Suarez, HJ; Rubio-Ponce, A; Olguin, D. (2012). Electronic band structure of the Pt(111) surface: An ab initio and tight-binding study - I. [Computational Materials Science](#), 56, 141-146.

- *37 Hueletl-Soto, M. E., Carro-Juarez, M. & Rodriguez-Manzo, G. (2012). Fluoxetine Chronic Treatment Inhibits Male Rat Sexual Behavior by Affecting Both Copulatory Behavior and the Genital Motor Pattern of Ejaculation. [The Journal of Sexual Medicine](#), 9(4), 1015-1026.
- 38 Ipaz, L; Caicedo, JC; Esteve, J; Espinoza-Beltran, FJ; Zambrano, G. (2012). Improvement of mechanical and tribological properties in steel surfaces by using titanium-aluminum/titanium-aluminum nitride multilayered system. [Applied Surface Science](#), 258(8), 3805-3814.
- 39 Isiordia-Espinoza, MA; Teran-Rosales, F; Reyes-Garcia, G; Granados-Soto, V. (2012). Synergism between tramadol and meloxicam in the formalin test involves both opioidergic and serotonergic pathways. [Drug Development Research](#), 73(1), 43-50.
- 40 Jimenez-Garza, O., Marquez-Gamino, S., Albores, A., Caudillo-Cisneros, C., Carrieri, M., Bartolucci, G. B. & Manno, M. (2012). CYP2E1 phenotype in Mexican workers occupationally exposed to low levels of toluene: Advances on biomonitoring and exposure assessment for pesticides and persistent organic pollutants. [Toxicology Letters](#), 210(2), 254-263.
- 41 Jimenez-Perez, JL; Sanchez-Ramirez, JF; Cornejo-Monroy, D; Gutierrez-Fuentes, R; Rojas, JAP; Cruz-Orea, A; Algatti, MA; Jacinto, C. (2012). Photothermal Study of Two Different Nanofluids Containing SiO₂ and TiO₂ Semiconductor Nanoparticles. [International Journal of Thermophysics](#), 33(1), 69-79.
- 42 Kravchenko, V. V., Morelos, S. & Tremblay, S. (2012). Complete systems of recursive integrals and Taylor series for solutions of Sturm-Liouville equations. [Mathematical Methods in the Applied Sciences](#), 35(6), 704-715.
- 43 Lopez, Y., Rodriguez, L., del Rio, R. E., Farfan, N., Morzycki, J. W. & Santillan, R. (2012). Regioselective cleavage of 22-oxo-23-spiroketals. Novel cholestanic frameworks with pyranone and cyclopentenone E rings on the side chain. [Steroids](#), 77(5), 534-541.
- 44 Maldonado-Barrera, CA; Campos-Esparza, MD; Munoz-Fernandez, L; Victoria-Hernandez, JA; Campos-Rodriguez, R; Talamas-Rohana, P; Ventura-Juarez, J. (2012). Clinical case of cerebral amebiasis caused by *E. histolytica*. [Parasitology Research](#), 110(3), 1291-1296.
- 45 Mendoza-Galvan, A., Trejo-Cruz, C., Solis-Canto, O. & Luna-Barcenas, G. (2012). Effect of a temperature gradient on ellipsometry measurements in supercritical CO₂. [The Journal of Supercritical Fluids](#), 64, 25-31.
- 46 Mondie, S; Melchor-Aguilar, D. (2012). Exponential Stability of Integral Delay Systems With a Class of Analytic Kernels. [Ieee Transactions on Automatic Control](#), 57(2), 484-489.
- 47 Montalvo-Lozano, R. A., Montemayor, S. M., Padmasree, K. P. & Fuentes, A. F. (2012). Effect of Ca²⁺ or Mg²⁺ additions on the electrical properties of yttria doped ceria electrolyte system. [Journal of Alloys and Compounds](#), 525, 184-190.
- 48 Mostovoy, J. (2012). Truncated simplicial resolutions and spaces of rational maps. [Quarterly Journal of Mathematics](#), 63(1), 181-187.

- 49 Navarro-Partida, J; Martinez-Rizo, AB; Gonzalez-Cuevas, J; Arrevillaga-Boni, G; Ortiz-Navarrete, V; Armendariz-Borunda, J. (2012). Pirfenidone restricts Th2 differentiation in vitro and limits Th2 response in experimental liver fibrosis. [European Journal of Pharmacology](#), 678(40969), 71-77.
- 50 Olivos, E., Miranda, A. L., Singh, N., Arroyave, R. & Romero, A. H. (2012). Spin excitations in Co₂NiGa under pressure from a theoretical approach. [Annalen Der Physik](#), 524(3-4), 212-226.
- 51 Ordóñez-Miranda, J. & Alvarado-Gil, J. J. (2012). Determination of Thermal Properties for Hyperbolic Heat Transport Using a Frequency-Modulated Excitation Source. [International Journal of Engineering Science](#), 50(1), 101-112.
- 52 Perez, BC; Garcia-Compean, H. (2012). Rarita-Schwinger Quantum Free Field via Deformation Quantization. [Foundations of Physics](#), 42(3), 362-368.
- 53 Perez-Estrada, S; Joseph-Nathan, P; Jimenez-Vazquez, HA; Medina-Lopez, ME; Ayala-Mata, F; Zepeda, LG. (2012). Diastereoselective Preparation of (R)- and (S)-2-Methoxy-2-phenylpent-3-ynoic Acids and Their Use as Reliable Chiral Derivatizing Agents. [Journal of Organic Chemistry](#), 77(4), 1640-1652.
- 54 Perez-Hernandez, G., Vega-Poot, A., Perez-Juarez, I., Camacho, J. M., Ares, O., Rejon, V., Pena, J. L. & Oskam, G. (2012). Effect of a compact ZnO interlayer on the performance of ZnO-based dye-sensitized solar cells: Photovoltaics, Solar Energy Materials, and Technologies: Cancun 2010. [Solar Energy Materials and Solar Cells](#), 100, 21-26.
- 55 Ramirez-Trevino, A; Ruiz-Beltran, E; Aramburo-Lizarraga, J; Lopez-Mellado, E. (2012). Structural Diagnosability of DES and Design of Reduced Petri Net Diagnosers. [Ieee Transactions on Systems Man and Cybernetics Part A-Systems and Humans](#), 42(2), 416-429.
- 56 Ricalde, L. J. & Sanchez, E. N. (2012). Inverse optimal neural control of a class of nonlinear systems with constrained inputs for trajectory tracking. [Optimal Control Applications and Methods](#), 33(2), 176-198.
- 57 Rivera-Dominguez, J.; Mora-Soto, C.; Ortega-Cisneros, S.; Raygoza-Panduro, J.J. & Loukianov, A.G. (2012). Copper and core loss minimization for induction motors using high-order sliding-mode control. [Ieee Transactions on Industrial Electronics](#), 59(7), 2877-2889.
- 58 Rodriguez, JAL. (2012). On von Staudt for Bernoulli-Carlitz numbers. [Journal of Number Theory](#), 132(4), 495-501.
- 59 Rodriguez-Cortes, H; Arias-Montano, A. (2012). Robust geometric sizing of a small flying wing planform based on evolutionary algorithms. [Aeronautical Journal](#), 116(1176), 175-188.
- 60 Sanchez, M. J., Gamero, P. & Cortes, D. (2012). Bioactivity assessment of ZSM-5 type zeolite functionalized with silver or zinc. [Materials Letters](#), 74, 250-253.

61 Segura-Chama, P; Rivera-Cerecedo, CV; Gonzalez-Ramirez, R; Felix, R; Hernandez-Guijo, JM; Hernandez-Cruz, A. (2012). Atypical Ca²⁺ currents in chromaffin cells from SHR and WKY rat strains result from the deficient expression of a splice variant of the alpha(1D) Ca²⁺ channel. *American Journal of Physiology-Heart and Circulatory Physiology*, 302(2), H467-H478.

*62 Soto-Valladares, AG; De La Torre-Almaraz, R; Xoconostle-Cazares, B; Ruiz-Medrano, R. (2012). First Report of Cymbidium mosaic virus and Odontoglossum ringspot virus in Orchids in Mexico. *Plant Disease*, 96(3), 464-464.

63 Vargas-Hernandez, A., Lopez-Herrera, G., Maravillas-Montero, J. L., Vences-Catalan, F., Mogica-Martinez, D., Rojo-Dominguez, A., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2012). Consequences of two naturally occurring missense mutations in the structure and function of Bruton agammaglobulinemia tyrosine kinase. *IUBMB Life*, 64(4), 346-353.

64 Vazquez, S., Barocio, E. & Jimenez Betancourt, R. (2012). A Crank-Nicolson Galerkin approach to the analysis of electromechanical oscillations in stressed power systems. *Electric Power Systems Research*, 86, 158-169.

65 Velazquez-Bernardino, P., Garcia-Sierra, F., Hernandez-Hernandez, O., De Leon, M. B., Gourdon, G., Gomes-Pereira, M. & Cisneros, B. (2012). Myotonic Dystrophy Type 1-Associated Ctg Repeats Disturb the Expression and Subcellular Distribution of Microtubule-Associated Proteins Map1a, Map2, and Map6/Stop in P_c12 Cells. *Molecular Biology Reports*, 39(1), 415-424.

66 Vivanco-Dominguez, S., Bueno-Martinez, J., Leon-Avila, G., Iwakura, N., Kaji, A., Kaji, H. & Guarneros, G. (2012). Protein Synthesis Factors (RF1, RF2, RF3, RRF, and tmRNA) and Peptidyl-tRNA Hydrolase Rescue Stalled Ribosomes at Sense Codons. *Journal of Molecular Biology*, 417(5), 425-439.

67 Volland, J. M., Lechaire, J. P., Frebourg, G., Aldana Aranda, D., Ramdine, G. & Gros, O. (2012). Insight of EDX analysis and EFTEM: Are spherocrystals located in strombidae digestive gland implied in detoxification of trace metals? *Microscopy Research and Technique*, 75(4), 425-432.

68 Zaina, S. & Lund, G. (2012). Integrating genomic and epigenomic information: a promising strategy for identifying functional DNA variants of human disease. *Clinical Genetics*, 81(4), 334-340

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

69 Canoa-Roman, V. (2012). Photoproduction of J/[psi] and p° in ultra-peripheral Pb-Pb collisions at [root] SNN = 2.76 TeV at ALICE. *AIP Conference Proceedings*, 1422, 141-146.

70 Mejia, O; Leon-Romero, Y; Gomez, R. (2012). Isolation and characterization of eight polymorphic microsatellite loci in the land snail *Humboldtiana durangoensis* (Solem, 1954). *Conservation Genetics Resources*, 4(1), 19-22.

71 Soberanes, S; Gonzalez, A; Urich, D; Chiarella, SE; Radigan, KA; Osornio-Vargas, A; Joseph, J; Kalyanaraman, B; Ridge, KM; Chandel, NS; Mutlu, GM; De Vizcaya-Ruiz, A; Budinger, GRS. (2012). Particulate matter Air Pollution induces hypermethylation of the p16 promoter Via a mitochondrial ROS-JNK-DNMT1 pathway. [Scientific Reports](#), 2, 275.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

*72 Candanedo-Gonzalez, F; Soto-Guzman, A; Cortes-Reynosa, P; Perez-Salazar, E. (2012). Progesterone Induces Erk1/2 through an EGFR and G Proteins. Dependent Pathway in MCF-7 Breast Cancer Cells. [Modern Pathology](#), 25(S2), 459A.

73 Candanedo-Gonzalez, F; Soto-Guzman, A; Cortes-Reynosa, P; Perez-Salazar, E. (2012). Progesterone Induces Erk1/2 through an EGFR and G Proteins-Dependent Pathway in MCF-7 Breast Cancer Cells. [Laboratory Investigation](#), 92(S1), 459A.

7

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

74 Calderon-Aguilera, LE; Rivera-Monroy, VH; Porter-Bolland, L; Martinez-Yrizar, A; Ladah, LB; Martinez-Ramos, M; Alcocer, J; Santiago-Perez, AL; Hernandez-Arana, HA; Reyes-Gomez, VM; Perez-Salicrup, DR; Diaz-Nunez, V; Sosa-Ramirez, J; Herrera-Silveira, J; Burquez, A. (2012). An assessment of natural and human disturbance effects on Mexican ecosystems: current trends and research gaps. [Biodiversity And Conservation](#), 21(3), 589-617.

75 Cruz-Hernandez, A; Paredes-Lopez, O. (2012). Fruit Quality: New Insights for Biotechnology. [Critical Reviews in Food Science and Nutrition](#), 52(40969), 272-289.

*76 Ortiz-Estrada, G; Luna-Castro, S; Pina-Vazquez, C; Samaniego-Barron, L; Leon-Sicairos, N; Serrano-Luna, J; de la Garza, M. (2012). Iron-saturated lactoferrin and pathogenic protozoa: could this protein be an iron source for their parasitic style of life?. [Future Microbiology](#), 7(1), 149-164.

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ARTÍCULOS DEL MES DE ABRIL DE 2012

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

- 1 Aaron, F. D., Alexa, C., Andreev, V., et al. (2012). Measurement of dijet production in diffractive deep-inelastic scattering with a leading proton at HERA. [European Physical Journal C](#), 72, 1970.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the Inclusive Jet Cross Section in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physical Review D](#), 85(5), 052006.
- 3 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for a Narrow T(T)Over-Bar Resonance in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physical Review D](#), 85(5), 051101(R).
- 4 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for Charged Massive Long-Lived Particles. [Physical Review Letters](#), 108(12), 121802.
- 5 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for Higgs bosons of the minimal supersymmetric standard model in collisions at root s = 1.96 TeV. [Physics Letters B](#), 710(4-5), 569-577.
- 6 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for pair production of the scalar top quark in muon + tau final states. [Physics Letters B](#), 710(4-5), 578-586.
- 7 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for Universal Extra Dimensions in P(P)Over-Bar Collisions. [Physical Review Letters](#), 108(13), 131802.
- 8 Abelev, B., Abrahantes Quintana, A., Adamova, D. et al. (2012). Light vector meson production in pp collisions at root s = t TeV. [Physics Letters B](#), 710(4-5), 557-568.
- 9 Abelev, B., Quintana, A. A., Adamova, D. et al. (2012). Measurement of Charm Production at Central Rapidity in Proton-Proton Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (1), 128.
- 10 Abeysekara, A. U., Aguilar, J. A., Aguilar, S. et al. (2012). On the sensitivity of the HAWC observatory to gamma-ray bursts. [Astroparticle Physics](#), 35(10), 641-650.
- 11 Alonso, G. A., Istamboulie, G., Noguer, T., Marty, J. L. & Munoz, R. (2012). Rapid Determination of Pesticide Mixtures Using Disposable Biosensors Based on Genetically Modified Enzymes and Artificial Neural Networks. [Sensors and Actuators B-Chemical](#), 164(1), 22-28.
- 12 Alvarez-Gongora, C. C., Liceaga-Correa, M. D. & Herrera-Silveira, J. A. (2012). Seasonal Variations of Community Structures Phytoplankton in Groundwater Discharge Areas Along the Northern Yucatan Peninsula Coast. [Revista de Biología Tropical](#), 60(1), 157-172.
- 13 Banik, D. S., Azcorra, H., Valentin, G., Beglin, B. & Dickinson, F.. (2012). Estimation of Stature from Upper Arm Length in Children Aged 4.0 to 6.92 y in Merida, Yucatan. [Indian Journal of Pediatrics](#), 79(5), 640-646.

- 14 Banuelos, C., Garcia-Rivera, G., Lopez-Reyes, I., Mendoza, L., Gonzalez-Robles, A., Herranz, S., Vincent, O. & Orozco, E. (2012). Ehadh112 Is a Bro1 Domain-Containing Protein Involved in the Entamoeba Histolytica Multivesicular Bodies Pathway. *Journal of Biomedicine and Biotechnology*, 2012, 657942.
- *15 Camacho-Martinez, J. L., Ramirez-Argaez, M. A., Juarez-Hernandez, A., Gonzalez-Rivera, C. & Trapaga-Martinez, G. (2012). Novel Degasification Design for Aluminum Using an Impeller Degasification Water Physical Model. *Materials and Manufacturing Processes*, 27(5), 556-560.
- 16 Camue-Ciria, H. M., Bergues-Cabrales, L. E., Ramirez-Aguilera, A. et al. (2012). Influence of electrode array parameters used in electrotherapy on tumor growth kinetics: A mathematical simulation. *Mathematic sand Computers in Simulation*, 82(8), 1396-1406.
- 17 Carbajal-Tinoco, M. D. (2012). Thermodynamically Consistent Closure Approximation for Hard Spheres Systems. *Journal of Chemical Physics*, 136(9), 094504.
- 18 Castillo-Mendez, M. A., Jacinto-Loeza, E., Olivares-Trejo, J. J., Guarneros-Pena, G. & Hernandez-Sanchez, J. (2012). Adenine-Containing Codons Enhance Protein Synthesis by Promoting Mrna Binding to Ribosomal 30s Subunits Provided That Specific Trnas Are Not Exhausted. *Biochimie*, 94(3), 662-672.
- 19 Castro-Carranza, A., Estrada, M., Nolasco, J. C., Cerdeira, A., Marsal, L. F., Iniguez, B. & Pallares, J. (2012). Organic Thin-Film Transistor Bias-Dependent Capacitance Compact Model in Accumulation Regime. *Iet Circuits Devices & Systems*, 6(2), 130-135.
- 20 Castro-Rosas, J., Cerna-Cortes, J. F., Mendez-Reyes, E., Lopez-Hernandez, D., Gomez-Aldapa, C. A. & Estrada-Garcia, T. (2012). Presence of faecal coliforms, Escherichia coli and diarrheagenic E. coli pathotypes in ready-to-eat salads, from an area where crops are irrigated with untreated sewage water. *International Journal of Food Microbiology*, 156(2), 176-180.
- 21 Cervantes-Duran, C., Vidal-Cantu, G. C., Barragan-Iglesias, P., Pineda-Farias, J. B., Bravo-Hernandez, M., Murbartian, J. & Granados-Soto, V. (2012). Role of peripheral and spinal 5-HT2B receptors in formalin-induced nociception. *Pharmacology, Biochemistry and Behavior*, 102(1), 30-35.
- 22 Chai, W. X., Chan, K. Y., De Vries, R. et al. (2012). Inotropic Effects of Prokinetic Agents With 5-HT4 Receptor Agonist Actions on Human Isolated Myocardial Trabeculae. *Life Sciences*, 90(13-14), 538-544.
- 23 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Exclusive Gamma -> Mu(+)Mu(-) Production in Proton-Proton Collisions at Root S=7 Tev. *Journal of High Energy Physics*, (1), 052.
- 24 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Inclusive b-jet production in pp collisions at root s = 7TeV. *Journal of High Energy Physics*, (4), 084.

- 25 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Jet Production Rates in Association With W and Z Bosons in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (1), 010.
- 26 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for a Higgs boson in the decay channel $H \rightarrow 22(*) \rightarrow qq \text{ over bar } l-l+$ in pp collisions at root s = 7Tev. [Journal of High Energy Physics](#), (4), 036.
- 27 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for $B0s \rightarrow \mu^+ \mu^-$ and $B0 \rightarrow \mu^+ \mu^-$ decays. [Journal of High Energy Physics](#), (4), 033.
- 28 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for microscopic black holes in pp collisions at root s = 7 TeV. [Journal of High Energy Physics](#), (1), 061.
- 29 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Signatures of Extra Dimensions in the Diphoton Mass Spectrum at the Large Hadron Collider. [Physical Review Letters](#), 108(11), 111801.
- 30 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for the Standard Model Higgs Boson in the Decay Channel $H \rightarrow Zz \rightarrow 4l$ in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 108(11), 111804.
- 31 Chaturvedi, S., Gupta, V., Sanchez-Colon, G. & Rajpoot, S. (2012). Statistical Comparison of Quark Mass Matrices in the Physical Basis. [International Journal of Modern Physics A](#), 27(6), 1250026.
- *32 Chavez, D., Rodriguez, E., Jimenez, I. & Rudomin, P. (2012). Changes in Correlation Between Spontaneous Activity of Dorsal Horn Neurones Lead to Differential Recruitment of Inhibitory Pathways in the Cat Spinal Cord. [Journal of Physiology-London](#), 590(7), 1563-1584.
- 33 Conrad, M. D., Gorman, A. W., Schillinger, J. A. et al. (2012). Extensive Genetic Diversity, Unique Population Structure and Evidence of Genetic Exchange in the Sexually Transmitted Parasite *Trichomonas vaginalis*. [Plos Neglected Tropical Diseases](#), 6(3), e1573.
- 34 Cruz-Pacheco, G., Esteva, L. & Vargas, C. (2012). Control measures for Chagas disease. [Mathematical Biosciences](#), 237(1-2), 49-60.
- 35 Del Campo, J. M., Gazquez, J. L., Trickey, S. B. & Vela, A. (2012). Non-Empirical Improvement of Pbe and Its Hybrid Pbe0 for General Description of Molecular Properties. [Journal of Chemical Physics](#), 136(10), 104108.
- 36 Del Monte-Luna, P., Guzman-Hernandez, V., Cuevas, E. A., Arreguin-Sanchez, F. & Lluch-Belda, D. (2012). Effect of North Atlantic Climate Variability on Hawksbill Turtles in the Southern Gulf of Mexico. [Journal of Experimental Marine Biology and Ecology](#), 412, 103-109.
- 37 Galicia, M., Gonzalez-Fuentes, M. A., Valencia, D. P. & Gonzalez, F. J. (2012). The effect of substituents on the anodic oxidation of aliphatic carboxylates and the passage towards a pseudo-Kolbe reaction. [Journal of Electroanalytical Chemistry](#), 672, 28-33.

- 38 Garay-Tapia, A. M., Romero, A. H. & Barone, V. (2012). Lithium Adsorption on Graphene: From Isolated Adatoms to Metallic Sheets. [Journal of Chemical Theory and Computation](#), 8(3), 1064-1071.
- 39 Garced, S., Torres-Sanchez, L., Cebrian, M. E., Claudio, L. & Lopez-Carrillo, L. (2012). Prenatal Dichlorodiphenyldichloroethylene (Dde) Exposure and Child Growth During the First Year of Life. [Environmental Research](#), 113, 58-62.
- 40 Garcia-Sierra, F., Jarero-Basulto, J. J., Kristofikova, Z., Majer, E., Binder, L. I. & Ripova, D. (2012). Ubiquitin Is Associated With Early Truncation of Tau Protein at Aspartic Acid421 During the Maturation of Neurofibrillary Tangles in Alzheimer's Disease. [Brain Pathology](#), 22(2), 240-250.
- 41 Gasca-Tirado, J. R., Manzano-Ramirez, A., Villasenor-Mora, C., Muniz-Villarreal, M. S., Zaldivar-Cadena, A. A., Rubio-Avalos, J. C., Borras, V. A. & Mendoza, R. N. (2012). Incorporation of Photoactive TiO₂ in an Aluminosilicate Inorganic Polymer by Ion Exchange. [Microporous and Mesoporous Materials](#), 153, 282-287.
- 42 Giron-Calva, P. S., Molina-Torres, J. & Heil, M. (2012). Volatile Dose and Exposure Time Impact Perception in Neighboring Plants. [Journal of Chemical Ecology](#), 38(2), 226-228.
- 43 Gonzalez-Vazquez, M. C., Carabarin-Lima, A., Baylon-Pacheco, L., Talamas-Rohana, P. & Rosales-Encina, J. L. (2012). Obtaining of Three Recombinant Antigens of Entamoeba Histolytica and Evaluation of Their Immunogenic Ability Without Adjuvant in a Hamster Model of Immunoprotection. [Acta Tropica](#), 122(2), 169-176.
- 44 Guzman-Uriostegui, A., Robaina, R., Freile-Pelegrin, Y. & Robledo, D. (2012). Polyamines Increase Carpospore Output and Growth During in Vitro Cultivation of Hydropuntia Cornea. [Biotechnology Letters](#), 34(4), 755-761.
- 45 Hernandez, Z. J. E., Figueroa, J. D. C., Rayas-Duarte, P., Martinez-Flores, H. E., Arambula, G. V., Luna, G. B. & Pena, R. J. (2012). Influence of high and low molecular weight glutenins on stress relaxation of wheat kernels and the relation to sedimentation and rheological properties. [Journal of Cereal Science](#), 55(3), 344-350.
- 46 Hernandez-Martinez, E. G. & Aranda-Bricaire, E. (2012). Decentralized Formation Control of Multi-Agent Robot Systems Based on Formation Graphs. [Studies in Informatics and Control](#), 21(1), 7-16.
- 47 Hoy-Benitez, J. A., Aviles, F., Gamboa, F., Peon-Escalante, R. & Oliva, A. I. (2012). Vibration Modeling and Testing of Bilayer Beams for Determination of Film Elastic Modulus. [Measurement Science & Technology](#), 23(4), 045605.
- 48 Huerta-Rivas, A., Lopez-Rubalcava, C., Sanchez-Serrano, S. L., Valdez-Tapia, M., Lamas, M. & Cruz, S. L. (2012). Toluene impairs learning and memory, has antinociceptive effects, and modifies histone acetylation in the dentate gyrus of adolescent and adult rats. [Pharmacology, Biochemistry Behavior](#), 102(1), 48-57.

*49 Jimenez, P., Serrano-Meneses, M. A., Cuamatzi, E. & Gonzalez-Mariscal, G. (2012). Analysis of Sexual Behaviour in Male Rabbits Across Successive Tests Leading to Sexual Exhaustion. [World Rabbit Science](#), 20(1), 13-23.

*50 Juarez-Rodriguez, J., Fernandez-Luqueno, F., Conde, E., Reyes-Varela, V., Cervantes-Santiago, F., Botello-Alvarez, E., Cardenas-Manriquez, M. & Dendooven, L. (2012). Greenhouse Gas Emissions From an Alkaline Saline Soil Cultivated With Maize (*Zea Mays L.*) And Amended With Anaerobically Digested Cow Manure: a Greenhouse Experiment. [Journal of Plant Nutrition](#), 35(4), 511-523.

51 Kim, J. Y., Li, Z. & Baltazar, A. (2012). Pyroelectric and Pyromagnetic Coefficients of Functionally Graded Multilayered Multiferroic Composites. [Acta Mechanica](#), 223(4), 849-860.

52 Kudryavtsev, Y. (2012). Ion Beam Sputtering of Multicomponent Targets: Surface Composition Change and Cluster Emission. [Technical Physics](#), 57(2), 247-250.

53 Lara-Avila, J. P., Isordia-Jasso, M. I., Castillo-Collazo, R., Simpson, J. & Alpuche-Solis, A. G. (2012). Gene Expression Analysis During Interaction of Tomato and Related Wild Species With *Clavibacter Michiganensis* Subsp. *Michiganensis*. [Plant Molecular Biology Reporter](#), 30(2), 498-511.

54 Leon, B. S., Alanis, A. Y., Sanchez, E. N., Ornelas-Tellez, F. & Ruiz-Velazquez, E. (2012). Inverse optimal neural control of blood glucose level for type 1 diabetes mellitus patients: Special Section on Nonlinear Multiresolution algorithms and Applications. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 349(5), 1851-1870.

55 Lopez-Carrillo, L., Camargo, M. C., Schneider, B. G., Sicinschi, L. A., Hernandez-Ramirez, R. U., Correa, P. & Cebrian, M. E. (2012). Capsaicin consumption, *Helicobacter pylori* CagA status and IL1B-31C > T genotypes: A host and environment interaction in gastric cancer. [Food and Chemical Toxicology](#), 50(6), 2118-2122.

*56 Lopez-Hernandez, D., Meaney-Martinez, A., Sanchez-Hernandez, O., Rodriguez-Arellano, E., Beltran-Lagunes, L. & Estrada-Garcia, T. (2012). Diagnostic criteria for hypoalphalipoproteinemia and the threshold associated with cardiovascular protection in a Mexican Mestizo population. [Medicina Clinica](#), 138(13), 551-556.

57 Marquez-Rubio, J. F., del Muro-Cuellar, B., Velasco-Villa, M., Cortes-Rodriguez, D. & Senaeme, O. (2012). Control of delayed recycling systems with unstable first order forward loop. [Journal of Process Control](#), 22(4), 729-737.

58 Medina-Esquivel, R. A., Zambrano-Arjona, M. A., Mendez-Gamboa, J. A., Yanez-Limon, J. M., Ordóñez-Miranda, J. & Alvarado-Gil, J. J. (2012). Thermal Characterization of Composites Made up of Magnetically Aligned Carbonyl Iron Particles in a Polyester Resin Matrix. [Journal of Applied Physics](#), 111(5), 054906.

59 Mendoza-Mendoza, E., Montemayor, S. M., Escalante-Garcia, J. I. & Fuentes, A. F. (2012). A "Green Chemistry" Approach to the Synthesis of Rare-Earth Aluminates: Perovskite-Type La₂O₃ Nanoparticles in Molten Nitrates. [Journal of the American Ceramic Society](#), 95(4), 1276-1283.

- 60 Montalvo-Gonzalez, R. & Ariza-Castolo, A. (2012). Structural and Conformational Analysis of 1-OxaSpiro[2.5]Octane and 1-Oxa-2-Azaspido[2.5]Octane Derivatives by ^1H , ^{13}C , and ^{15}N Nmr. *Magnetic Resonance in Chemistry*, 50(1), 33-39.
- 61 Munoz-Flores, B. M., Jimenez-Perez, V. M., Santillan, R., Hernandez-Fernandez, E., Lopez-Cortina, S. & Kharisov, B. I. (2012). Ring Puckering in Chloride-[N,N'-Bis(2,6-Diisopropylphenyl)-2,2,6,6-Tetramethylheptane-3,5-Diliminato]Ti N(ii). *Journal of Chemical Crystallography*, 42(1), 34-37.
- *62 Oropeza-Aburto, A., Cruz-Ramirez, A., Acevedo-Hernandez, G. J., Perez-Torres, C. A., Caballero-Perez, J. & Herrera-Estrella, L. (2012). Functional Analysis of the *Arabidopsis* Pldz2 Promoter Reveals an Evolutionarily Conserved Low-Pi-Responsive Transcriptional Enhancer Element. *Journal of Experimental Botany*, 63(5), 2189-2202.
- 63 Ortega-Estrada, M. D., Del Rincon-Castro, M. C., Basurto-Rios, R., Toledo, J. & Ibarra, J. E. (2012). Phoresis Between *Serratia Marcescens* and *Steinernema Carpocapsae* (Rhabditida: Steinernematidae) During Infection of *Galleria Mellonella* (Lepidoptera: Pyralidae) Larvae. *Florida Entomologist*, 95(1), 120-127.
- 64 Osorio, R., Garcia, S., Pena, M., Lopez-Juarez, I. & Lefranc, G. (2012). Movement and Color Detection of a Dynamic Object an Application to a Mobile Robot. *Studies in Informatics and Control*, 21(1), 33-40.
- 65 Pacheco, J. R., Roman, D. T. & Cruz, H. T. (2012). Distinguishing Stationary/Nonstationary Scaling Processes Using Wavelet Tsallis Q-Entropies. *Mathematical Problems in Engineering*, 2012, 867042.
- 66 Perez-Diaz, J. O. H., Rarova, L., Munoz Ocampo, J. P., Magana-Vergara, N. E., Farfan, N., Strnad, M. & Santillan, R. (2012). Synthesis and biological activity of 23-ethylidene-26-hydroxy-22-oxocholestane derivatives from spirostanic sapogenins. *European Journal of Medicinal Chemistry*, 51, 67-78.
- 67 Portillo-Velez, R. D., Cruz-Villar, C. A. & Rodriguez-Angeles, A. (2012). On-Line Master/Slave Robot System Synchronization With Obstacle Avoidance. *Studies in Informatics and Control*, 21(1), 17-26.
- 68 Quiceno-Rico, J. M., Camas-Reyes, J. A. & Alvarez-Venegas, R. (2012). Molecular cloning and characterization of two Trithorax-group genes from *Phaseolus vulgaris* roots and symbiotic nodules. *Plant Omics Journal*, 5(2), 103-114.
- 69 Ramirez-Jarquin, J. O., Lara-Hernandez, S., Lopez-Guerrero, J. J., Aguilera, M. A., Rivera-Angulo, A. J., Sampieri, A., Vaca, L., Ordaz, B. & Pena-Ortega, F. (2012). Somatostatin modulates generation of inspiratory rhythms and determines asphyxia survival. *Peptides*, 34(2), 360-372.
- 70 Reveles, J. U., Koster, A. M., Calaminici, P. & Khanna, S. N. (2012). Structural Changes of Pd-13 Upon Charging and Oxidation/Reduction. *Journal of Chemical Physics*, 136(11), 114505.

- 71 Riech, I., Pena, J. L., Ares, O., Rios-Flores, A., Rejon-Moo, V., Rodriguez-Fragoso, P. & Mendoza-Alvarez, J. G. (2012). Effect of Annealing Time of CdCl₂ Vapor Treatment on CdTe/Cds Interface Properties. [Semiconductor Science and Technology](#), 27(4), 045015.
- 72 Robles-Molina, E., Millan, D., Hong, E., Huang, F. Y. & Villafana, S. (2012). Increased Antidepressant-Like Effect of Desipramine Combined With Central Stimulants (Caffeine and Amphetamine) in Mice. [Central European Journal of Biology](#), 7(3), 391-396.
- 73 Romo, A. D., Ancira, E. F., Jimenez, A. D., Ruiz, J. D. L., Hernandez, J. T. F. & Portugal, V. O. (2012). Aerial Biomass, Seed Quantity and Quality in Melinis Repens (Willd.) Zizka in Aguascalientes, Mexico. [Revista Mexicana de Ciencias Pecuarias](#), 3(1), 33-47.
- 74 Ruiz-Herrera, L. F., Sanchez-Calderon, L., Herrera-Estrella, L. & Lopez-Bucio, J. (2012). Rare Earth Elements Lanthanum and Gadolinium Induce Phosphate-Deficiency Responses in Arabidopsis Thaliana Seedlings. [Plant and Soil](#), 353(1-2), 231-247.
- 75 Sadykov, R. (2012). Fold Maps, Framed Immersions and Smooth Structures. [Transactions of the American Mathematical Society](#), 364(4), 2193-2212.
- 76 Santana-Solano, J., Quezada, C. M., Ozuna-Chacon, S. & Arauz-Lara, J. L. (2012). Spontaneous emulsification at the water/oil interface. [Colloids and Surfaces A: Physicochemical and Engineering Aspects](#), 399, 78-82.
- 77 Sierra-Valdez, F. J., Cisneros-Mejorado, A. J., Sanchez Herrera, D. P. & Ruiz-Suarez, J. C. (2012). A thermal study of cellular motility by optical time-resolved correlation. [Review of Scientific Instruments](#), 83(4), 044302.
- *78 Tanikawa, C., Espinosa, M., Suzuki, A. et al. (2012). Regulation of Histone Modification and Chromatin Structure by the P53-Padi4 Pathway. [Nature Communications](#), 3, 676.
- 79 Tiessen, A., Nerlich, A., Faix, B., Hummer, C., Fox, S., Trafford, K., Weber, H., Weschke, W. & Geigenberger, P. (2012). Subcellular Analysis of Starch Metabolism in Developing Barley Seeds Using a Non-Aqueous Fractionation Method. [Journal of Experimental Botany](#), 63(5), 2071-2087.
- 80 Torres Martinez, D. Y., Castanedo Perez, R., Torres Delgado, G. & Zelaya Angel, O. (2012). Structural, morphological, optical and photocatalytic characterization of ZnO-SnO₂ thin films prepared by the sol-gel technique. [Journal of Photochemistry and Photobiology A: Chemistry](#), 235, 49-55.
- 81 Valdez, R. A., Hinojosa, L., Gomez, Y., Willms, K. & Romano, M. C. (2012). *Taenia crassiceps* WFU cysticerci synthesize corticosteroids in vitro: Metyrapone regulates the production. [General and Comparative Endocrinology](#), 176(3), 409-414.
- *82 Valenzuela-Encinas, C., Alcantara-Hernandez, R. J., Estrada-Alvarado, I., De La Serna Fjzd, Dendooven, L. & Marsch, R. (2012). The Archaeal Diversity and Population in a Drained Alkaline Saline Soil of the Former Lake Texcoco (Mexico). [Geomicrobiology Journal](#), 29(1), 18-22.

- 83 Vazquez-Cortas, D., Shimomura, S., Lopez-Lopez, M., Cruz-Hernandez, E., Gallardo-Hernandez, S., Kudriavtsev, Y. & Mendez-Garcia, V. H. (2012). Electrical and optical properties of Si doped GaAs (631) layers studied as a function of the growth temperature. [Journal of Crystal Growth](#), 347(1), 77-81.
- 84 Vela, A., Pacheco-Kato, J. C., Gazquez, J. L., del Campo, J. M. & Trickey, S. B. (2012). Improved constraint satisfaction in a simple generalized gradient approximation exchange functional. [Journal of Chemical Physics](#), 136(14), 144115.
- 85 Villalon, C. M., Galicia-Carreon, J., Gonzalez-Hernandez, A., Marichal-Cancino, B. A., Manrique-Maldonado, G. & Centurion, D. (2012). Pharmacological evidence that spinal alpha2C-and, to a lesser extent, alpha2A-adrenoceptors inhibit capsaicin-induced vasodilatation in the canine external carotid circulation. [European Journal of Pharmacology](#), 683(1-3), 204-210.
- 86 Witt, S., Galicia, L., Lisec, J., Cairns, J., Tiessen, A., Araus, J. L., Palacios-Rojas, N. & Fernie, A. R. (2012). Metabolic and Phenotypic Responses of Greenhouse-Grown Maize Hybrids to Experimentally Controlled Drought Stress. [Molecular Plant](#), 5(2), 401-417.

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

- *87 Arano-Varela Hypatia, Dominguez-Dominguez Jorge & Paredes-Lopez Octavio. (2012). Effect of environmental conditions on the expression levels of a recombinant 11S amaranth globulin in Escherichia coli. [Recent Patents on Biotechnology](#), 6(1), 23-31.
- 88 Biswal, R., Castaneda, L., Moctezuma, R., Vega-Perez, J., Olvera, M. D. & Maldonado, A. (2012). Formation of Indium-Doped Zinc Oxide Thin Films Using Ultrasonic Spray Pyrolysis: the Importance of the Water Content in the Aerosol Solution and the Substrate Temperature for Enhancing Electrical Transport. [Materials](#), 5(3), 432-442.
- 89 Muzquiz-Ramos, E. M., Cortes-Hernandez, D. A., Sanchez-Torres, C. G., Escobedo-Bocardo, J. C., Zugasti, A. & Ramirez-Gomez, X. S. (2012). Biomimetic magnetic nanoparticles for hyperthermia treatment. [Key Engineering Materials](#), 493-494, 16-19.
- 90 Rangel, R., Bartolo-Perez, P., Martinez, E., Trejo-Cruz, X. A., Diaz, G. & Galvan, D. H. (2012). Catalytic Activity and X-Ray Photoelectron Spectroscopy Performance of Bi₂moxw(1-X)O₆ Solid-Solutions. [Catalysis Science & Technology](#), 2(4), 847-852.
- 91 Tiessen, A., Perez-Rodriguez, P. & Delaye-Arredondo, L. J. (2012). Mathematical modeling and comparison of protein size distribution in different plant, animal, fungal and microbial species reveals a negative correlation between protein size and protein number, thus providing insight into the evolution of proteomes. [BMC Research Notes](#), 5, 85.

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

- 92 Abreu, P., Aglietta, M., Ahn, E. J. et al. (2012). Erratum to: The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray Showers detected by the Pierre Auger Observatory [Astroparticle Physics 35 (2011) 266-276]. [Astroparticle Physics](#), 35(10), 681-684.
- 93 Hotez, P. J., Bottazzi, M. E., Dumonteil, E., Valenzuela, J. G., Kamhawi, S., Ortega, J., Rosales, S. P. D., Cravioto, M. B. & Tapia-Conyer, R. (2012). Texas and Mexico: Sharing a Legacy of Poverty and Neglected Tropical Diseases. [Plos Neglected Tropical Diseases](#), 6(3), e1497.

9

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

- 94 Almonte-Becerril, M. & Kouri, J. B. (2012). Changes in the integrins expression are related with the loss of extracellular matrix during the osteoarthritis pathogenesis. [Osteoarthritis and Cartilage](#), 20(S1), S149.
- 95 Morin-Contreras, A., Yamazaki-Nakashima, A., Pietropaolo-Cienfuegos, D.R., Canseco-Raymundo, R., Gomez-Tello, H., Berron-Ruiz, L., Santos-Argumedo, L., Espinosa-Rosales, F.J. & Blancas-Galicia, L. (2012). Gp91phox expression and severity of clinical manifestations in X-CGD. [Journal of Clinical Immunology](#). 32(2), 362.
- 96 Rivillas-Acevedo, L., Arcos-Lopez, T., Grande-Aztatzi, R., Vela, A. & Quintanar, L. (2012). Copper binding to human prion protein fragments: Coordination and redox properties. [Abstracts of Papers of the American Chemical Society](#), INOR-611.

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

- 97 Colomer-Gould, V. F. (2012). Mouse Models of Spinoce rebellar Ataxia Type 3 (Machad o- Joseph Disease). [Neurotherapeutics](#), 9, 285-290.

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ARTÍCULOS DEL MES DE MAYO DE 2012

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

- 1 Aaltonen, T., Abazov, V. M., Abbott, B. et al. (2012). Combination of Cdf and D0 Measurements of the W Boson Helicity in Top Quark Decays. [Physical Review D](#), 85(7), 071106R.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Improved Determination of the Width of the Top Quark. [Physical Review D](#), 85(9), 091104R.
- 3 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurements of Ww and Wz Production in W Plus Jets Final States in P(P)Over-Bar Collisions. [Physical Review Letters](#), 108(18), 181803.
- 4 Abelev, B., Adam, J., Adamović, D. et al. (2012). Multi-strange baryon production in pp collisions at with ALICE. [Physics Letters B](#), 712(4-5), 309-318.
- 5 Abelev, B., Adam, J., Adamovik, D. et al. (2012). J/[fi] production as a function of charged particle multiplicity in pp collisions at root s=7 TeV. [Physics Letters B](#), 712(3), 165-175.
- 6 Abreu, P., Aglietta, M., Ahlers, M. et al. (2012). A Search for Anisotropy in the Arrival Directions of Ultra High Energy Cosmic Rays Recorded at the Pierre Auger Observatory. [Journal of Cosmology and Astroparticle Physics](#), (4), 040.
- *7 Adame, M. F., Reef, R., Grinham, A., Holmes, G. & Lovelock, C. E. (2012). Nutrient Exchange of Extensive Cyanobacterial Mats in an Arid Subtropical Wetland. [Marine and Freshwater Research](#), 63(5), 457-467.
- 8 Aguilar-Chavez, A., Diaz-Rojas, M., Cardenas-Aquino, M. R., Dendooven, L. & Luna-Guido, M. (2012). Greenhouse gas emissions from a wastewater sludge-amended soil cultivated with wheat (Triticum spp. L.) as affected by different application rates of charcoal. [Soil Biology and Biochemistry](#), 52, 90-95.
- *9 Barocio, E., Zuniga, P., Vazquez, S. & Betancourt, R. (2012). Simplified Recursive Newton-Type Algorithm for Instantaneous Modal Parameter Estimation of Sub-Synchronous Oscillations. [Electric Power Components and Systems](#), 40(8), 864-880.
- 10 Bazdresch, M., Cortez, J., Longoria-Gandara, O. & Parra-Michel, R. (2012). A Family of Hybrid Space-Time Codes for Mimo Wireless Communications. [Journal of Applied Research and Technology](#), 10(2), 122-142.
- 11 Bermudez-Reyes, B., Puente-Ornelas, R., Garcia-Perez, U. M., Zambrano-Robledo, P., Contreras-Garcia, M. E., Morales-Hernandez, J. & Espinoza-Beltran, F. J. (2012). Cyclic Polarization and Immersion Corrosion Test on Ha/Zro2/316lss for Application on Orthopedics Prostheses. [International Journal of Electrochemical Science](#), 7(3), 2028-2035.
- 12 Caballero-Robledo, G. A., Goldenberg, C. & Clement, E. (2012). Local Dynamics and Synchronization in a Granular Glass. [Granular Matter](#), 14(2), 239-245.

- 13 Caballero-Robledo, G. A., Kelly, K. P. D., Homan, T. A. M., Weijs, J. H., Van Der Meer, D. & Lohse, D. (2012). Suction of Splash After Impact on Dry Quick Sand. *Granular Matter*, 14(2), 179-184.
- 14 Caballero-Vazquez, J. A. & Vega-Cendejas, M. E. (2012). Spatial Patterns of Diversity at Local and Regional Scales in a Tropical Lagoon. *Neotropical Ichthyology*, 10(1), 99-108.
- 15 Carvente, O., Peraza-Mues, G. G., Salazar, J. M. & Ruiz-Suarez, J. C. (2012). Self-Assembling of Non-Brownian Magnetized Spheres. *Granular Matter*, 14(3), 303-308.
- 16 Cervantes-Perez, L. G., Ibarra-Lara, M. L., Escalante, B., Del Valle-Mondragon, L., Vargas-Robles, H., Perez-Severiano, F., Pastelin, G. & Sanchez-Mendoza, M. A. (2012). Endothelial nitric oxide synthase impairment is restored by clofibrate treatment in an animal model of hypertension. *European Journal of Pharmacology*, 685(1-3), 108-115.
- 17 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of Isolated Photon Production in Pp and Pbpb Collisions at Root S(Nn)=2.76 Tev. *Physics Letters B*, 710(2), 256-277.
- 18 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Large Extra Dimensions in Dimuon and Dielectron Events in Pp Collisions at Root S=7 Tev. *Physics Letters B*, 711(1), 15-34.
- 19 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for the Standard Model Higgs Boson Decaying Into Two Photons in Pp Collisions at Root S=7 Tev. *Physics Letters B*, 710(3), 403-425.
- 20 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for the Standard Model Higgs Boson Decaying to Bottom Quarks in Pp Collisions at Root S=7 Tev. *Physics Letters B*, 710(2), 284-306.
- 21 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for the Standard Model Higgs Boson in the $H \rightarrow Zz \rightarrow L(+)L(-)\Tau(+)\Tau(-)$ Decay Channel in Pp Collisions at Root S=7 Tev. *Journal of High Energy Physics*, (3), 081.
- 22 Chene, A., Vembar, S. S., Riviere, L. et al. (2012). Pfalbas Constitute a New Eukaryotic Dna/Rna-Binding Protein Family in Malaria Parasites. *Nucleic Acids Research*, 40(7), 3066-3077.
- 23 Cuna, H. M., Contreras, J. G. & Zimmermann, F. (2012). Simulations of Electron-Cloud Heat Load for the Cold Arcs of the Cern Large Hadron Collider and Its High-Luminosity Upgrade Scenarios. *Physical Review Special Topics-Accelerators and Beams*, 15(5), 051001.
- 24 De-La-Pena, C., Rangel-Cano, A. & Alvarez-Venegas, R. (2012). Regulation of Disease-Responsive Genes Mediated by Epigenetic Factors: Interaction of Arabidopsis-Pseudomonas. *Molecular Plant Pathology*, 13(4), 388-398.

- 25 Duarte-Villasenor, M. A., Tlelo-Cuautle, E. & De La Fraga, L. G. (2012). Binary Genetic Encoding for the Synthesis of Mixed-Mode Circuit Topologies. [Circuits Systems and Signal Processing](#), 31(3), 849-863.
- 26 Escobar, M. C., Van Tassell, M. L., Martinez-Bustos, F., Singh, M., Castano-Tostado, E., Amaya-Llano, S. L. & Miller, M. J. (2012). Characterization of a Panela cheese with added probiotics and fava bean starch. [Journal of Dairy Science](#), 95(6), 2779-2787.
- 27 Escobedo-Trujillo, B., Lopez-Barrientos, D. & Hernandez-Lerma, O. (2012). Bias and Overtaking Equilibria for Zero-Sum Stochastic Differential Games. [Journal of Optimization Theory and Applications](#), 153(3), 662-687.
- 28 Estrada, M., Cerdeira, A. & Iniguez, B. (2012). Effect of interface charge on the dc bias stress-induced deformation and shift of the transfer characteristic of amorphous oxide thin-film transistors. [Microelectronics Reliability](#), 52(7), 1342-1345.
- 29 Fabila-Monroy, R., Flores-Penaloza, D., Huemer, C., Hurtado, F., Urrutia, J. & Wood, D. R. (2012). Token Graphs. [Graphs and Combinatorics](#), 28(3), 365-380.
- 30 Filio, O., Kontorovich, V. & Ramos-Alarcon, F. (2012). Time-Energy Limited Feedback Algorithms for Multiuser Diversity Scenarios on Nakagami Fading Channels. [Ieee Transactions on Communications](#), 60(4), 1045-1057.
- 31 Gallardo, A. (2012). Time Boundary Terms and Dirac Constraints. [International Journal of Modern Physics A](#), 27(11), 1250058.
- *32 Garcia-Flores, M., Juarez-Colunga, S., Montero-Vargas, J. M., Lopez-Arciniega, J. A. I., Chagolla, A., Tiessena, A. & Winkler, R. (2012). Evaluating the Physiological State of Maize (Zea Mays L.) Plants by Direct-Injection Electrospray Mass Spectrometry (Diesi-Ms). [Molecular Biosystems](#), 8(6), 1658-1660.
- 33 Garcia-Lamont, F., Cervantes, J. & Lopez, A. (2012). Recognition of Mexican Banknotes Via Their Color and Texture Features. [Expert Systems With Applications](#), 39(10), 9651-9660.
- 34 Garza-Lopez, E., Sandoval, A., Gonzalez-Ramirez, R., Gandini, M. A., Van den Maagdenberg, A. M., De Waard, M. & Felix, R. (2012). Familial hemiplegic migraine type 1 mutations W1684R and V1696I alter G protein-mediated regulation of CaV2.1 voltage-gated calcium channels. [Biochimica Et Biophysica Acta \(BBA\) - Molecular Basis of Disease](#), 1822(8), 1238-1246.
- 35 Godinez-Garcia, A., Perez-Robles, J. F., Martinez-Tejada, H. V. & Solorza-Feria, O. (2012). Characterization and electrocatalytic properties of sonochemical synthesized PdAg nanoparticles. [Materials Chemistry and Physics](#), 134(2-3), 1013-1019.
- 36 Gonzalez de la Cruz, G. & Gurevich, Yu. G. (2012). Heat transport across metal-semiconductor (dielectric) structure under steady state conditions. [International Journal of Heat and Mass Transfer](#), 55(15-16), 4264-4268.

- 37 Guarneros, C., Rebollo-Plata, B., Lozada-Morales, R., Espinosa-Rosales, J. E., Portillo-Moreno, J. & Zelaya-Angel, O. (2012). Forbidden energy band gap in diluted a-Ge_{1-x}Si_x:N films. [Thin Solid Films](#), 520(16), 5463-5465.
- 38 Guevara-Olvera, L., Ruiz-Nito, M. L., Rangel-Cano, R. M., Torres-Pacheco, I., Rivera-Bustamante, R. F., Munoz-Sanchez, C. I., Gonzalez-Chavira, M. M., Cruz-Hernandez, A. & Guevara-Gonzalez, R. G. (2012). Expression of a Germin-Like Protein Gene (Cchglp) From a Geminivirus-Resistant Pepper (*Capsicum Chinense* Jacq.) Enhances Tolerance to Geminivirus Infection in Transgenic Tobacco. [Physiological and Molecular Plant Pathology](#), 78, 45-50.
- 39 Gutierrez, M. I., Calas, H., Ramos, A., Vera, A. & Leija, L. (2012). Acoustic field modeling for physiotherapy ultrasound applicators by using approximated functions of measured non-uniform radiation distributions. [Ultrasonics](#), 52(6), 767-777.
- 40 Gutierrez-Nicolas, F., Gordillo-Roman, B., Oberti, J. C., Estevez-Braun, A., Ravelo, A. G. & Joseph-Nathan, P. (2012). Synthesis and Anti-Hiv Activity of Lupane and Olean-18-Ene Derivatives. Absolute Configuration of 19,20-Epoxylupanes by Vcd. [Journal of Natural Products](#), 75(4), 669-676.
- 41 Haro-Garcia, L., Villa-Ibarra, M., Chain-Castro, T. D., Lastra-Rodriguez, A., Juarez-Perez, C. A., Aguilar-Madrid, G., Sanchez-Escalante, V. C. & Brito-Zurita, O. R. (2012). Are Mexican Agricultural Farmlands P_{cdd}/F Soil Reservoirs? [Bulletin of Environmental Contamination and Toxicology](#), 88(6), 813-815.
- 42 Hayun, S., Tran, T. B., Lian, J., Fuentes, A. F. & Navrotsky, A. (2012). Energetics of stepwise disordering transformation in pyrochlores, RE₂Ti₂O₇ (RE = Y, Gd and Dy). [Acta Materialia](#), 60(10), 4303-4310.
- 43 Lashkevych, I., Titov, O. & Gurevich, Y. G. (2012). Recombination and Temperature Distribution in Semiconductors. [Semiconductor Science and Technology](#), 27(5), 055014.
- 44 Lira, J., Visairo, N., Nunez, C., Ramirez, A. & Sira-Ramirez, H. (2012). A Robust Nonlinear Control Scheme for a Sag Compensator Active Multilevel Rectifier Without Sag Detection Algorithm. [Ieee Transactions on Power Electronics](#), 27(8), 3576-3583.
- 45 Lizardi-Jimenez, M. A., Saucedo-Castaneda, G., Thalasso, F. & Gutierrez-Rojas, M. (2012). Simultaneous Hexadecane and Oxygen Transfer Rate on the Production of an Oil-Degrading Consortium in a Three-Phase Airlift Bioreactor. [Chemical Engineering Journal](#), 187, 160-165.
- 46 Lona-Ramirez, F. J., Herrera-Munoz, R., Rico-Ramirez, V., Hernandez, F. L., Luna-Barcenas, G. & Gonzalez-Alatorre, G. (2012). Kinetic Study of the Nitrosation of 1,1,3-Trimethylurea in Aqueous Acid Medium. [Reaction Kinetics Mechanisms and Catalysis](#), 105(2), 285-292.
- 47 Lopez-Fuentes, E., Ruiz-Valdiviezo, V. M., Martinez-Romero, E., Gutierrez-Miceli, F. A., Dendooven, L. & Rincon-Rosales, R. (2012). Bacterial Community in the Roots and Rhizosphere of Hypericum Silenoides Juss. 1804. [African Journal of Microbiology Research](#), 6(11), 2704-2711.

- 48 Lopez-Moreno, S., Romero, A. H., Mejia-Lopez, J., Munoz, A. & Roshchin, I. V. (2012). First-Principles Study of Electronic, Vibrational, Elastic, and Magnetic Properties of Fef2 as a Function of Pressure. [Physical Review B](#), 85(13), 134110.
- 49 Lopez-Pena, H. A., Hernandez-Munoz, L. S., Frontana-Uribe, B. A., Gonzalez, F. J., Gonzalez, I., Frontana, C. & Cardoso, J. (2012). Tacticity Influence on the Electrochemical Reactivity of Group Transfer Polymerization-Synthesized Ptma. [Journal of Physical Chemistry B](#), 116(18), 5542-5550.
- 50 Lopez-Saucedo, F., Uribe-Salas, A., Perez-Garibay, R. & Magallanes-Hernandez, L. (2012). Gas Dispersion in Column Flotation and Its Effect on Recovery and Grade. [Canadian Metallurgical Quarterly](#), 51(2), 111-117.
- 51 Lopez-Urrutia, E., Valdes, J., Bonilla-Moreno, R., Martinez-Salazar, M., Martinez-Garcia, M., Berumen, J. & Villegas-Sepulveda, N. (2012). A few nucleotide polymorphisms are sufficient to recruit nuclear factors differentially to the intron 1 of HPV-16 intratypic variants. [Virus Research](#), 166(1-2), 43-53.
- 52 Martinez-Mendoza, E. K., Mena-Violante, H. G., Mendez-Inocencio, C., Oyoque-Salcedo, G., Cortez-Madrigal, H., Olalde-Portugal, V. & Angoa-Perez, M. V. (2012). Effects of Bacillus Subtilis Extracts on Weed Seed Germination of Sorghum Halepense and Amaranthus Hybridus. [African Journal of Microbiology Research](#), 6(9), 1887-1892.
- 53 Martinez-Vazquez, M., Estrada-Reyes, R., Martinez-Laurrabaquio, A., Lopez-Rubalcava, C. & Heinze, G. (2012). Neuropharmacological study of *Dracocephalum moldavica* L. (Lamiaceae) in mice: Sedative effect and chemical analysis of an aqueous extract. [Journal of Ethnopharmacology](#), 141(3), 908-917.
- 54 Martin-Moruno, P., Garcia, N. M., Lobo, F. S. N. & Visser, M. (2012). Generic Thin-Shell Gravastars. [Journal of Cosmology and Astroparticle Physics](#), (3), 034.
- 55 Mata-Gomez, M. A., Yasui, M. T., Guerrero-Rangel, A., Valdes-Rodriguez, S. & Winkler, R. (2012). Accelerated Identification of Proteins by Mass Spectrometry by Employing Covalent Pre-Gel Staining With Uniblue a. [Plos One](#), 7(2), e31438.
- 56 Molina, B., Soto, J. R. & Castro, J. J. (2012). Stability and Nonadiabatic Effects of the Endohedral Clusters X@Al-12 (X = B, C, N, Al, Si, P) With 39, 40, and 41 Valence Electrons. [Journal of Physical Chemistry C](#), 116(16), 9290-9299.
- 57 Molina-Valdovinos, S. & Gurevich, Y. G. (2012). Nonequilibrium Charge Carriers and Linear Galvanomagnetic Phenomena in Semiconductors. [Journal of Applied Physics](#), 111(8), 083714.
- 58 Munoz, M. A., Perez-Hernandez, N., Pertino, M. W., Schmeda-Hirschmann, G. & Joseph-Nathan, P. (2012). Absolute Configuration and H-1 Nmr Characterization of Rosmaridiphenol Diacetate. [Journal of Natural Products](#), 75(4), 779-783.
- 59 Ordaz-Oliver, J. P., Santos-Sanchez, O. J. & Lopez-Morales, V. (2012). Toward a Generalized Sub-Optimal Control Method of Underactuated Systems. [Optimal Control Applications & Methods](#), 33(3), 338-351.

- 60 Ordonez-Miranda, J. & Alvarado-Gil, J. J. (2012). Thermal Conductivity of Nanocomposites With High Volume Fractions of Particles. [Composites Science and Technology](#), 72(7), 853-857.
- 61 Ortiz, M., Castaneda-Hernandez, G., Izquierdo-Vega, J. A., Sanchez-Gutierrez, M., Ponce-Monter, H. A. & Granados-Soto, V. (2012). Role of ATP-sensitive K⁺ channels in the antinociception induced by non-steroidal anti-inflammatory drugs in streptozotocin-diabetic and non-diabetic rats. [Pharmacology Biochemistry and Behavior](#), 102(1), 163-169.
- 62 Perez-Fonseca, A. A., Gomez, C., Davila, H., Gonzalez-Nunez, R., Robledo-Ortiz, J. R., Vazquez-Lepe, M. O. & Herrera-Gomez, A. (2012). Chitosan Supported Onto Agave Fiber-Postconsumer Hdpe Composites for Cr(Vi) Adsorption. [Industrial & Engineering Chemistry Research](#), 51(17), 5939-5946.
- 63 Pio-Leon, J. F., Diaz-Camacho, S. P., Lopez, M. G., Montes-Avila, J., Lopez-Angulo, G. & Delgado-Vargas, F. (2012). Physicochemical, Nutritional, and Antioxidant Characteristics of the Fruit of Ehretia Tinifolia. [Revista Mexicana de Biodiversidad](#), 83(1), 273-280.
- 64 Puerta-Guardo, H., Hernandez, S. I. D., Rosales, V. H., Ludert, J. E. & Del Angel, R. M. (2012). The 1 Alpha,25-Dihydroxy-Vitamin D3 Reduces Dengue Virus Infection in Human Myelomonocyte (U937) and Hepatic (Huh-7) Cell Lines and Cytokine Production in the Infected Monocytes. [Antiviral Research](#), 94(1), 57-61.
- 65 Rivera, J. M., Mendez, E., Colorado-Peralta, R., Rincon, S., Farfan, N. & Santillan, R. (2012). Synthesis, characterization and X-ray studies of new six-seven membered rings [4.5.0] heterobicyclic system of monomeric boronates. [Inorganica Chimica Acta](#), 390, 26-32.
- 66 Robles, I., Garcia, M. G., Solis, S., Hernandez, G., Bandala, Y., Juaristi, E. & Bustos, E. (2012). Electroremediation of Mercury Polluted Soil Facilitated by Complexing Agents. [International Journal of Electrochemical Science](#), 7(3), 2276-2287.
- 67 Rocha, J., Flores, V., Cabrera, R., Soto-Guzman, A., Granados, G., Juaristi, E., Guarneros, G. & De La Torre, M. (2012). Evolution and Some Functions of the Nprr-Nprrb Quorum-Sensing System in the Bacillus Cereus Group. [Applied Microbiology and Biotechnology](#), 94(4), 1069-1078.
- 68 Rojas-Hernandez, A. G., Mendivil-Reynoso, T., Acosta-Enriquez, M. C., Ramirez-Bon, R. & Castillo, S. J. (2012). Comparison of Properties of Cadmium, Copper and Lead Sulfides Thin Films Grown by Cbd. [Chalcogenide Letters](#), 9(3), 121-126.
- 69 Romano-Trujillo, R., Rosendo, E., Ortega, M. et al. (2012). Synthesis and Characterization of Pbse Nanoparticles Obtained by a Colloidal Route Using Extran as a Surfactant at Low Temperature. [Nanotechnology](#), 23(18), 185602.
- 70 Saucedo, A. L., Flores-Solis, D., De La Vega, R. C. R. et al. (2012). New Tricks of an Old Pattern Structural Versatility of Scorpion Toxins With Common Cysteine Spacing. [Journal of Biological Chemistry](#), 287(15), 12321-12330.

- 71 Silva-Hidalgo, G., Lopez-Moreno, H. S., Ortiz-Navarrete, V. F., Juarez-Barranco, F. & Lopez-Valenzuela, M. (2012). Fecal Excretion of *Salmonella Albany*, Its Isolation in the Diet and Health Repercussion on an Ocelot (*Leopardus pardalis*) in Captivity. *Veterinaria Mexico*, 43(1): 59-69
- 72 Sira-Ramirez, H., Luviano-Juarez, A. & Cortes-Romero, J. (2012). Flatness-Based Linear Output Feedback Control for Disturbance Rejection and Tracking Tasks on a Chua's Circuit. *International Journal of Control.* 85(5), 594-602.
- 73 Suarez-Sanchez, J., Alatorre-Rosas, R., Poggi-Varaldo, H. M. & Barrera-Cortes, J. (2012). Effect of the Inoculum Size on the Axenic in Vitro Production of *Steinernema carpocapsae*. *Ciencia E Investigacion Agraria*, 39(1), 137-145.
- 74 Tlachi-Lopez, J. L., Eguibar, J. R., Fernandez-Guasti, A. & Lucio, R. A. (2012). Copulation and ejaculation in male rats under sexual satiety and the Coolidge effect. *Physiology & Behavior*, 106(5), 626-630.
- 75 Valdes-Santiago, L., Cervantes-Chavez, J. A., Winkler, R., Leon-Ramirez, C. G. & Ruiz-Herrera, J. (2012). Phenotypic Comparison of Samdc and Spe Mutants Reveals Complex Relationships of Polyamine Metabolism in *Ustilago maydis*. *Microbiology-Sgm*, 158, 674-684.
- 76 Valente, J. S., Rodriguez-Gattorno, G., Valle-Orta, M. & Torres-Garcia, E. (2012). Thermal Decomposition Kinetics of MgAl Layered Double Hydroxides. *Materials Chemistry and Physics*, 133(2-3), 621-629.
- 77 Vargas-Arista, B., Balvantin, A., Baltazar, A. & Garcia-Vazquez, F. (2012). On the use of ultrasonic spectral analysis for the characterization of artificially degraded API 5L X52 steel pipeline welded joints. *Materials Science and Engineering: A*, 550, 227-234.
- *78 Vasquez-Garzon, V. R., Rouimi, P., Jouanin, I., Waeg, G., Zarkovic, N., Villa-Trevino, S. & Gueraud, F. (2012). Evaluation of Three Simple Direct or Indirect Carbonyl Detection Methods for Characterization of Oxidative Modifications of Proteins. *Toxicology Mechanisms and Methods*, 22(4), 296-304.
- 79 Vazquez-Mena, O., Medina-Martinez, I., Juarez-Torres, E. et al. (2012). Amplified Genes May Be Overexpressed, Unchanged, or Downregulated in Cervical Cancer Cell Lines. *Plos One*, 7(3), e32667.
- 80 Velazquez, G., Guo, Q., Wang, L. P., Brieba, L. G. & Sousa, R. (2012). Conservation of Promoter Melting Mechanisms in Divergent Regions of the Single-Subunit RNA Polymerases. *Biochemistry*, 51(18), 3901-3910.
- 81 Velazquez-Abunader, J. I., Hernandez-Herrera, A., Martinez-Aguilar, S., Diaz-Uribe, J. G. & Morales-Bojorquez, E. (2012). Interannual Variability in Mantle Length Structure, Recruitment, and Sex Ratio of Jumbo Squid, *Dosidicus gigas*, in the Central Gulf of California, Mexico. *Journal of Shellfish Research*, 31(1), 125-134.

82 Viveros-Mendez, P. X., Mendez-Alcaraz, J. M. & Gonzalez-Mozuelos, P. (2012). Formation and Structure of Colloidal Halos in Two-Dimensional Suspensions of Paramagnetic Particles. *Journal of Chemical Physics*, 136(16), 164902.

83 Yam-Puc, J. C., Garcia-Marin, L. & Sanchez-Torres, L. E. (2012). Neutrophil Extracellular Traps (Net), Consequence of a Cellular Suicide. *Gaceta Medica de Mexico*, 148(1), 68-75.

84 Zarco, N., Gonzalez-Ramirez, R., Gonzalez, R. O. & Segovia, J. (2012). Gas1 Induces Cell Death Through an Intrinsic Apoptotic Pathway. *Apoptosis*, 17(6), 627-635.

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

*85 Ake-Castillo, J. A., Okolodkov, Y. B., Espinosa-Matias, S., Merino-Virgilio, F. D., Herrera-Silveira, J. A. & Ector, L. (2012). Cyclotella Marina (Tanimura, Nagumo Et Kato) Ake-Castillo, Okolodkov Et Ector Comb. Et Stat. Nov (Thalassiosiraceae): a Bloom-Forming Diatom in the Southeastern Gulf of Mexico. *Nova Hedwigia*, 141, 263-274.

86 Castro, J. G. (2012). "School Retardation" in Mexico From 1920 to 1960: Conceptual Passages. *Paedagogica Historica*, 48(1), 99-120.

87 Das, S.; Bisai, S.; Banik, S. D. & Bose, K. (2012). Body mass index percentiles for rural Bengalee pre-school children aged 2-6 years, in comparison with the WHO reference and other studies. *Acta Biologica Szegediensis*, 56(1), 25-30.

88 Guerra-Ramos, M. T. (2012). Teachers' Ideas About the Nature of Science: a Critical Analysis of Research Approaches and Their Contribution to Pedagogical Practice. *Science & Education*, 21(5), 631-655.

89 Morales-Cortes, H., Mejia-Garcia, C., Rojas-Ramirez, J. S., Martinez-Velis, I., Contreras-Guerrero, R., Ramirez-Lopez, M., Paniagua-Mercado, A. M. & Lopez-Lopez, M. (2012). Raman and Photoreflectance Study of Inas Quantum Dots on Gaas(100) Substrates Subjected to an in-Situ. *Journal of the Australian Ceramic Society*, 48(1), 44-49.

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

90 Agrawal, A. A. & Heil, M. (2012). Synthesizing specificity: multiple approaches to understanding the attack and defense of plants: Special Issue: Specificity of plant-enemy interactions. *Trends in Plant Science*, 17(5), 239-242.

91 Allen, J. F. & Missirlis, F. (2012). Queen Mary: Nobody Expects the Spanish Inquisition. *Lancet*, 379(9828), 1785.

92 Williams, A. J., Knutson, T. M., Gould, V. F. C. & Paulson, H. L. (2012). In Vivo Suppression of Polyglutamine Neurotoxicity by C-Terminus of Hsp70-Interacting Protein (Chip) Supports an Aggregation Model of Pathogenesis (Vol 33, Pg 342, 2009). [Neurobiology of Disease](#), 46(2), 503.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

93 Alcantara, J. C., Beron-Ruiz, L., Mogica-Martinez, D., Espinosa-Padilla, S. E., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2012). Low Phosphorylation of Stat-3 on Interleukin-21 Pathway in Common Variable Immunodeficiency. [Journal of Clinical Immunology](#), 32(2), 390-391.

94 Berron-Ruiz, L., Lopez-Herrera, G., Vargas-Hernandez, A., Blancas-Galicia, L., Alcantara-Montiel, J., Mogica-Martinez, D., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2012). Phenotypic and Functional Analysis of B Cells in Patients With Common Variable Immunodeficiency (Cvid). [Journal of Clinical Immunology](#), 32(2), 368.

95 Blancas-Galicia, L., Morin-Contreras, A., Gomez-Tello, H., Berron-Ruiz, L., Alcantara-Ortigoza, M. A. & Espinosa-Rosales, F. J. (2012). X-Linked Chronic Granulomatous Disease Secondary to Skewed X. [Journal of Clinical Immunology](#), 32(2), 393.

96 Capisani, L. M., Ferrara, A., De Loza, A. F. & Fridman, L. M. (2012). Manipulator Fault Diagnosis Via Higher Order Sliding-Mode Observers. [Ieee Transactions on Industrial Electronics](#), 59(10), 3979-3986.

97 Cardenas-Gonzalez, C., Del Razo, L. M., Barbier, O. & Jacobo, T. (2012). Effect of nephrotoxic treatment with gentamicin on rats exposed to fluoride. [Toxicology Letters](#), 211, (S0), S46.

98 Castillo-Rodriguez, R., Arango-Rodriguez, M., Escobedo, L., Rubio-Zapata, H., Tellez-Lopez, V., Mejia-Castillo, T., Dupouy, S., Forgez, P. & Martinez-Fong, D. (2012). Neurotensin-Polyplex as a Potential Tool in Gene Therapy for Human Breast Cancer. [European Journal of Cancer](#), 48, S93.

99 Munoz-Soto, B., Posadas-Mondragon, A., Angulo-Rojo, C., Razo-Estrada, C., Ramirez, L., Morales-Rico, P. & Albores, A. (2012). Expression of asthma related genes in A549 cells exposed to toluene diisocyanate. [Toxicology Letters](#), 211(S0), S103.

100 Ramirez-Alejo, N., Santos-Argumedo, L., Estrada-Garcia, I., Blancas-Galicia, L. & Espinosa-Rosales, F. (2012). An Insertion in Il-12/23 Receptor Beta 1 Chain Causes Mendelian Susceptibility to Mycobacterial Disease in a Mexican Patient. [Journal of Clinical Immunology](#), 32(2), 398.

101 Serrano, M. E. G., Estrada-Garcia, I., Mogica-Martinez, D. et al. (2012). Increased Pro-Inflammatory Cytokine Production After Lipopolysaccharide Stimulation in Patients With X-Linked Agammaglobulinemia. [Journal of Clinical Immunology](#), 32(2), 365-366.

102 Vargas-Hernandez, A., Ruiz, L. B., Staines-Boone, T., Zarate-Hernandez, C., Moran-Mendoza, A. R., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2012). Mutations of Cd154 and Aid in Mexican Patients With Hyper-Igm Syndrome. [Journal of Clinical Immunology](#), 32(2), 374.

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

103 Aza-Gonzalez, C., Nunez-Palenius, H. G. & Ochoa-Alejo, N. (2012). Molecular Biology of Chili Pepper Anthocyanin Biosynthesis. [Journal of the Mexican Chemical Society](#), 56(1), 93-98.

104 Barrett, L. G. & Heil, M. (2012). Unifying concepts and mechanisms in the specificity of plant-enemy interactions: Special Issue: Specificity of plant-enemy interactions. [Trends in Plant Science](#), 17(5), 282-292.



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ARTÍCULOS DEL MES DE JUNIO DE 2012

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

- 1 Aaron, F. D., Alexa, C., Andreev, V., Backovic, S., et al. (2012). Measurement of inclusive and dijet D* meson cross sections in photoproduction at HERA. [European Physical Journal C](#), 72(5), 1995.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Combination of searches for anomalous top quark couplings with 5.4 fb(-1) of pp(over bar) collisions. [Physics Letters B](#), 713(3), 165-171.
- 3 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the Lambda(0)(B) Lifetime in the Exclusive Decay Lambda(0)(B) -> J/Psi Lambda(0) in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physical Review D](#), 85(11), 112003.
- 4 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the Wz and Zz Production Cross Sections Using Leptonic Final States in 8.6 Fb(-1) of P(P)Over-Bar Collisions. [Physical Review D](#), 85(11), 112005.
- 5 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Model Indedpendent Search for New Phenomena in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physical Review D](#), 85(9), 092015.
- 6 Adame, M. F., Reef, R., Herrera-Silveira, J. A. & Lovelock, C. E. (2012). Sensitivity of Dissolved Organic Carbon Exchange and Sediment Bacteria to Water Quality in Mangrove Forests. [Hydrobiologia](#), 691(1), 239-253.
- 7 Baqueiro Cardenas, E., Montero, J., Frenkiel, L. & Aldana-Aranda, D. (2012). Attenuated reproduction of Strombus gigas by an Apicomplexa: Emeriidae-like parasite in the digestive gland: SIP Symposium on Resistance to Bt Crops. [Journal of Invertebrate Pathology](#), 110(3), 398-400.
- 8 Benhaliliba, M., Benouis, C. E., Tiburcio-Silver, A., Yakuphanoglu, F., Avila-Garcia, A., Tavira, A., Trujillo, R. R. & Mouffak, Z. (2012). Luminescence and physical properties of copper doped CdO derived nanostructures. [Journal of Luminescence](#), 132(10), 2653-2658.
- *9 Betancur-Galvis, L. A., Carrillo, H., Luna-Guido, M., Marsch, R. & Dendooven, L. (2012). Enhanced Dissipation of Polycyclic Aromatic Hydrocarbons in the Rhizosphere of the Athel Tamarisk (*Tamarix Aphylla* L. Karst.) Grown in Saline-Alkaline Soils of the Former Lake Texcoco. [International Journal of Phytoremediation](#), 14(8), 741-753.
- 10 Blanchet, J. H. & Pacheco-Gonzalez, C. G. (2012). Uniform Convergence to a Law Containing Gaussian and Cauchy Distributions. [Probability in the Engineering and Informational Sciences](#), 26(3), 437-448.
- 11 Castaneda, L., Maldonado, A., Rodriguez-Baez, J., Cheang-Wong, J. C., Lopez-Fuentes, M. & Olvera, M. d. I. L. (2012). Chemical spray pyrolysis deposited fluorine-doped zinc oxide thin films: Effect of acetic acid content in the starting solution on the physical properties. [Materials Science in Semiconductor Processing](#), 15(3), 232-239.

- 12 Ceto, X., Gutierrez, J. M., Gutierrez, M., Cespedes, F., Capdevila, J., Monguez, S., Jimenez-Jorquera, C. & del Valle, M. (2012). Determination of total polyphenol index in wines employing a voltammetric electronic tongue: A selection of papers presented at In Vino Analytica Scientia. [Analytica Chimica Acta](#), 732, 172-179.
- 13 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Combined Results of Searches for the Standard Model Higgs Boson in Pp Collisions at Root S=7 TeV. [Physics Letters B](#), 710(1), 26-48.
- 14 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at s=7 TeV. [Journal of High Energy Physics](#), (6), 36.
- 15 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Performance of Tau-Lepton Reconstruction and Identification in Cms. [Journal of Instrumentation](#), 7, P1001.
- 16 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for quark compositeness in dijet angular distributions from pp collisions at [root] s = 7 TeV . [Journal of High Energy Physics](#), (5), 055.
- 17 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for the Standard Model Higgs Boson Decaying to W+W- in the Fully Leptonic Final State in Pp Collisions at Root S=7 TeV. [Physics Letters B](#), 710(1), 91-113.
- 18 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Suppression of non-prompt J/[fi], prompt J/[fi], and U(1S) in PbPb collisions at [root]= 2.76 TeV . [Journal of High Energy Physics](#), (5), 063.
- 19 Chiodo, L., Massaro, A., Laricchia, S., Della Sala, F., Cingolani, R., Salazar, M., Romero, A. H. & Rubio, A. (2012). Characterization of TiO₂ Atomic Crystals for Nanocomposite Materials Oriented to Optoelectronics. [Optical and Quantum Electronics](#), 44(3-5), 291-296.
- 20 Cordova, J. & Yu, W. (2012). Two Types of Haar Wavelet Neural Networks for Nonlinear System Identification. [Neural Processing Letters](#), 35(3), 283-300.
- 21 Darbandy, G., Lime, F., Cerdeira, A., Estrada, M., Garduno, S. I. & Iniguez, B. (2012). Gate leakage current partitioning in nanoscale double gate MOSFETs, using compact analytical model. [Solid-State Electronics](#), 75, 22-27.
- 22 De Melo, O., De Melo, C., Santana, J., Santoyo, J., Zelaya-Angel, O., Mendoza-Alvarez, J. G. & Torres-Costa, V. (2012). Intense white luminescence in ZnTe embedded porous silicon. [Applied Physics Letters](#), 100, 263110.
- 23 Debnath, A., Parsonage, D., Andrade, R. M. et al. (2012). A High-Throughput Drug Screen for Entamoeba Histolytica Identifies a New Lead and Target. [Nature Medicine](#), 18(6), 956-U152.

- 24 Dendooven, L., Gutierrez-Oliva, V. F., Patino-Zuniga, L. et al. (2012). Greenhouse gas emissions under conservation agriculture compared to traditional cultivation of maize in the central highlands of Mexico. [Science of The Total Environment](#), 431, 237-244.
- 25 Deyanira, Q. M., Estrada-Luna, A. A., Altamirano-Hernandez, J., Pena-Cabriales, J. J., De Oca-Luna, R. M. & Cabrera-Ponce, J. L. (2012). Use of Trehalose Metabolism as a Biochemical Marker in Rice Breeding. [Molecular Breeding](#), 30(1), 469-477.
- 26 Diaz Albarran, S. F., Elyukhin, V. A. & Rodriguez Peralta, P. (2012). Nanoscale order in ZnS:(Cd, O): 26th International Conference on Defects in Semiconductors. [Physica B: Condensed Matter](#), 407(15), 2846-2849.
- 27 Escobar-Garcia, D. M., Del Razo, L. M., Sanchez-Pena, L. C., Mandeville, P. B., Lopez-Campos, C. & Escudero-Lourdes, C. (2012). Association of Glutathione S-Transferase Omega 1-1 Polymorphisms (A140d and E208k) With the Expression of Interleukin-8 (IL-8), Transforming Growth Factor Beta (Tgf-Beta), and Apoptotic Protease-Activating Factor 1 (Apaf-1) in Humans Chronically Exposed to Arsenic in Drinking Water. [Archives of Toxicology](#), 86(6), 857-868.
- 28 Escobedo-Lozano, A. Y., Estrada, N., Ascencio, F., Contreras, G. & Alonso-Rodriguez, R. (2012). Accumulation, Biotransformation, Histopathology and Paralysis in the Pacific Calico Scallop Argopecten ventricosus by the Paralyzing Toxins of the Dinoflagellate Gymnodinium catenatum. [Marine Drugs](#), 10(5), 1044-1065.
- 29 Espinosa, G., Golzarri, J. I., Fragoso, R., Vazquez-Lopez, C., Saad, A. F., El-Namrouty, A. A. & Fujii, M. (2012). Ageing Effects on Polymeric Track Detectors: Studies of Etched Tracks at Nanosize Scale Using Atomic Force Microscope. [Revista Mexicana de Fisica](#), 58(3), 215-219.
- *30 Espinoza, D. L., Gnechi, J. A. G. & Martinez, A. M. (2012). Is the Digitization of Laparoscopic Movement Using Accessible Alternative Technologies Possible? [Minimally Invasive Therapy & Allied Technologies](#), 21(3), 135-141.
- 31 Fuentes, M., Hidalgo, C., Etchevers, J., De Leon, F., Guerrero, A., Dendooven, L., Verhulst, N. & Govaerts, B. (2012). Conservation Agriculture, Increased Organic Carbon in the Top-Soil Macro-Aggregates and Reduced Soil Co2 Emissions. [Plant and Soil](#), 355(1-2), 183-197.
- 32 Garcia-Saravia Ortiz de Montellano, A., Mustre de Leon, J., Saini, N. L. & Bianconi, A. (2012). Effect of rare earth substitution in the density of electronic states of LnOFeAs. [Journal of Applied Physics](#), 111(11), 112631.
- 33 Garcias-Morales, C., Martinez-Salas, S. H. & Ariza-Castolo, A. (2012). The Effect of the Nitrogen Non-Bonding Electron Pair on the Nmr and X-Ray in 1,3-Diazaheterocycles. [Tetrahedron Letters](#), 53(26), 3310-3315.
- *34 Gonzalez, S., Rangel-Barajas, C., Peper, M. et al. (2012). Dopamine D-4 Receptor, but Not the Adhd-Associated D-4.7 Variant, Forms Functional Heteromers With the Dopamine D-2s Receptor in the Brain. [Molecular Psychiatry](#), 17(6), 650-662.

- 35 Gonzalez-Mariscal, L., Bautista, P., Lechuga, S. & Quiros, M. (2012). ZO-2, a tight junction scaffold protein involved in the regulation of cell proliferation and apoptosis. [Annals of the New York Academy of Sciences](#), 1257(1), 133-141.
- 36 Gutierrez, L. F., Aguinaga, I., Harders, M. & Ramos, F. (2012). Speeding up the simulation of deformable objects through mesh improvement. [Computer Animation and Virtual Worlds](#), 23(3-4), 425-433.
- 37 Hamzei-Sichani, F., Davidson, K. G. V., Yasumura, T. et al. (2012). Mixed Electrical-Chemical Synapses in Adult Rat Hippocampus Are Primarily Glutamatergic and Coupled by Connexin-36. [Frontiers in Neuroanatomy](#), 6, Article 13.
- 38 Hernandez, J. G. & Juaristi, E. (2012). Recent Efforts Directed to the Development of More Sustainable Asymmetric Organocatalysis. [Chemical Communications](#), 48(44), 5396-5409.
- 39 Hernandez-Gonzalez, M., Alanis, A. Y. & Hernandez-Vargas, E. A. (2012). Decentralized discrete-time neural control for a Quanser 2-DOF helicopter. [Applied Soft Computing](#), 12(8), 2462-2469.
- 40 Jimenez-Garcia, K., Leblanc, L. J., Williams, R. A., Beeler, M. C., Perry, A. R. & Spielman, I. B. (2012). Peierls Substitution in an Engineered Lattice Potential. [Physical Review Letters](#), 108(22), 225303.
- 41 Juaristi, E. (2012). Looking for Treasure in Stereochemistry-Land. A Path Marked by Curiosity, Obstinance, and Serendipity. [Journal of Organic Chemistry](#), 77(11), 4861-4884.
- 42 Kadota, K., Kane, G., Kersten, J. & Velasco-Sevilla, L. (2012). Flavour issues for string-motivated heavy scalar spectra with a low gluino mass: the G2-MSSM case. [European Physical Journal C](#), 72(5), 2004.
- 43 Leon-Sicairos, N., Martinez-Pardo, L., Sanchez-Hernandez, B., De La Garza, M. & Carrero, J. C. (2012). Oral Lactoferrin Treatment Resolves Amoebic Intracecal Infection in C3h/Hej Mice. [Biochemistry and Cell Biology-Biochimie Et Biologie Cellulaire](#), 90(3), 435-441.
- 44 Martinez, E., Grampeix, H., Desplats, O., Herrera-Gomez, A., Ceballos-Sanchez, O., Guerrero, J., Yckache, K. & Martin, F. (2012). Impact of vacuum anneal at low temperature on Al₂O₃/In-based III-V interfaces. [Chemical Physics Letters](#), 539-540, 139-143.
- 45 Martinez-Penafiel, E., Fernandez-Ramirez, F., Ishida, C., Reyes-Cortes, R., Sepulveda-Robles, O., Guarneros-Pena, G., Bermudez-Cruz, R. M. & Kameyama, L. (2012). Overexpression of Ipe Protein From the Coliphage Mep021 Induces Pleiotropic Effects Involving Haemolysis by Hlye-Containing Vesicles and Cell Death. [Biochimie](#), 94(6), 1262-1273.
- 46 Medina-Montes, M. I., Arizpe-Chavez, H., Baldenegro-Perez, L. A., Quevedo-Lopez, M. A. & Ramirez-Bon, R. (2012). Rf Power Effect on the Properties of Sputtered Zno Films for Channel Layer Applications in Thin-Film Transistors. [Journal of Electronic Materials](#), 41(7), 1962-1969.

- 47 Mendez, G. M., Colas, R., Leduc, L., Lopez-Juarez, I. & Longoria, R. (2012). Finishing Mill Thread Speed Set-up and Control by Interval Type 1 Non-Singleton Type 2 Fuzzy Logic Systems. *Ironmaking & Steelmaking*, 39(5), 342-354.
- 48 Mendoza-Mendoza, E., Padmasree, K. P., Montemayor, S. M. & Fuentes, A. F. (2012). Molten salts synthesis and electrical properties of Sr- and/or Mg-doped perovskite-type LaAlO₃ powders. *Journal of Materials Science*, 47(16), 6076-6085.
- 49 Ordaz-Pichardo, C., Leon-Sicairos, N., Hernandez-Ramirez, V. I., Talamas-Rohana, P. & De La Garza, M. (2012). Effect of Bovine Lactoferrin in a Therapeutic Hamster Model of Hepatic Amoebiasis. *Biochemistry and Cell Biology-Biochimie Et Biologie Cellulaire*, 90(3), 425-434.
- *50 Perez-Campos, R. A., Rodriguez-Canul, R., Perez-Vega, J. A., Gonzalez-Salas, C. & Guillen-Hernandez, S. (2012). High Serotonin Levels Due to the Presence of the Acanthocephalan Hexaglandula Corynosoma Could Promote Changes in Behavior of the Fiddler Crab Uca Spinicarpa. *Diseases of Aquatic Organisms*, 99(1), 49-55.
- 51 Recamier-Carballo, S., Estrada-Camarena, E., Reyes, R. & Fernandez-Guasti, A. (2012). Synergistic effect of estradiol and fluoxetine in young adult and middle-aged female rats in two models of experimental depression. *Behavioural Brain Research*, 233(2), 351-358.
- 52 Resendiz, L., Estrada, M., Cerdeira, A. & Cabrera, V. (2012). Analysis of the Performance of an Inverter Circuit: Varying the Thickness of the Active Layer in Polymer Thin Film Transistors With Circuit Simulation. *Japanese Journal of Applied Physics*, 51(4), 04DK04.
- 53 Robles, V. H. & Matos, T. (2012). Flat central density profile and constant dark matter surface density in galaxies from scalar field dark matter. *Monthly Notices of the Royal Astronomical Society*, 422(1), 282-289.
- 54 Rodriguez-Kessler, M., Baeza-Montanez, L., Garcia-Pedrajas, M. D., Tapia-Moreno, A., Gold, S., Jimenez-Bremont, J. F. & Ruiz-Herrera, J. (2012). Isolation of Umrrm75, a Gene Involved in Dimorphism and Virulence of *Ustilago Maydis*. *Microbiological Research*, 167(5), 270-282.
- 55 Rojas-Lopez, A. E., Soldevila, G., Meza-Perez, S., DuPont, G., Ostoa-Saloma, P., Wurbel, M. A., Ventura-Juarez, J., Flores-Romo, L. & Garcia-Zepeda, E. A. (2012). CCR9+ T cells contribute to the resolution of the inflammatory response in a mouse model of intestinal amoebiasis. *Immunobiology*, 217(8), 795-807.
- 56 Rosales-Reyes, R., Perez-Lopez, A., Sanchez-Gomez, C., Hernandez-Mote, R. R., Castro-Eguiluz, D., Ortiz-Navarrete, V. & Alpuche-Aranda, C. M. (2012). *Salmonella* Infects B Cells by Macropinocytosis and Formation of Spacious Phagosomes but Does Not Induce Pyroptosis in Favor of Its Survival. *Microbial Pathogenesis*, 52(6), 367-374.
- *57 Rosengren, A., Hagglund, P., Anderson, L., Pavon-Orozco, P., Peterson-Wulff, R., Nerinckx, W. & Stalbrand, H. (2012). The Role of Subsite+2 of the Trichoderma Reesei Beta-Mannanase Trman5a in Hydrolysis and Transglycosylation. *Biocatalysis and Biotransformation*, 30(3), 338-352.

58 Sepulveda-Robles, O., Kameyama, L. & Guarneros, G. (2012). High Diversity and Novel Species of Pseudomonas Aeruginosa Bacteriophages. [Applied and Environmental Microbiology](#), 78(12), 4510-4515.

59 Torres-Vega, G. (2012). Conjugate Dynamical Systems: Classical Analogue of the Quantum Energy Translation. [Journal of Physics A-Mathematical and Theoretical](#), 45(21), 215302.

60 Zambrano-Arjona, M. A., Ordóñez-Miranda, J., Medina-Esquível, R. A., Penunuri, F., Martínez, P. & Alvarado-Gil, J. J. (2012). Effect of the Multiple Reflections of a Light Beam on the Thermal Wave Field of a Sample of Finite Thickness. [Journal of Applied Physics](#), 111(9), 094915.

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

61 Baliosian, J., Rubio-Loyola, J., Salazar, P., Aguero, R. & Serrat, J. (2012). On the Management of Prices and Policies for Heterogeneous Access Environments. [Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering](#), 97, 217-229.

62 Domínguez-Bocanegra, A. R. (2012). Production, Extraction, and Quantification of Astaxanthin by Xanthophyllomyces dendrorhous or Haematococcus pluvialis: Standardized Techniques. [Methods in Molecular Biology](#), 898, 171-182.

63 Rangel, R., Chavez-Chavez, L., Martinez, E. & Bartolo-Perez, P. (2012). Study of structural and transport properties of nanostructured CeO₂, Ce_{1-x}Ru_xO₂ and Ce_{1-x}In_xO₂ thin films. [Physica Status Solidi B](#), 249(6), 1199-1205.

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

64 De La Fraga, L. G., Tlalo-Cuautle, E., Carbajal-Gómez, V. H. & Muñoz-Pacheco, J. M. (2012). On Maximizing Positive Lyapunov Exponents in a Chaotic Oscillator With Heuristics. [Revista Mexicana de Física](#), 58(3), 274-281.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

*65 Alcantara, J., Berron, L., Mogica, D., Espinosa, S., Espinosa, F. & Santos, L. (2012). Low Phosphorylation of Stat-3 on Interleukin-21 Pathway in Common Variable Immunodeficiency. [Journal of Immunology](#), 188.

*66 Beristain-Covarrubias, N., Canche-Pool, E., Vaal-Aguilar, M., Gomez-Díaz, R. & Ortiz-Navarrete, V. (2012). Low Frequency of Infiltrating Cells in Type 1 Diabetes Patients and Their First Degree Relatives: a Mexican Cohort. [Journal of Immunology](#), 188.

- 67 Tepetate-Arceo, E., Ramirez-Chavez, E., Molina-Torres, J. & Rios-Chavez, P. (2012). Effect of Heliopsis Longipes Extracts on Mycosphaerella Fijiensis Morelet. *Pharmaceutical Biology*, 50(5), 539.

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

*68 Juaristi, E., & Bandala, Y. (2012). Anomeric Effect in Saturated Heterocyclic Ring Systems. *Advances in Heterocyclic Chemistry*, 105, 189-222.

69 Purizaca, J., Meza, I. & Pelayo, R. (2012). Early Lymphoid Development and Microenvironmental Cues in B-Cell Acute Lymphoblastic Leukemia. *Archives of Medical Research*, 43(2), 89-101.

70 Rodriguez-Rasgado, J.A.; Acuna-Macias, I. & Camacho, J. (2012). Eag1 channels as potential cancer biomarkers. *Sensors*, 12, 5986-5995.

ARTÍCULOS DEL MES DE JULIO DE 2012

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

- 1 Aaron, F. D., Alexa, C., Andreev, V., et al. (2012). Inclusive measurement of diffractive deep-inelastic scattering at HERA. [European Physical Journal C](#), 72, 2074.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the differential cross section ds/dt in elastic pp over \bar{p} scattering at root $s = 1.96$ TeV. [Physical Review D](#), 86(12), 012009.
- 3 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the photon +b-jet production differential cross section in pp over \bar{p} collisions at root $s=1.96$ TeV. [Physics Letters B](#), 714(1), 32-39.
- 4 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for the standard model Higgs boson in tau lepton final states. [Physics Letters B](#), 714(2-5), 237-245.
- 5 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for Violation of Lorentz Invariance in Top Quark Pair Production and Decay. [Physical Review Letters](#), 108(26), 261603.
- 6 Abelev, B., Adam, J., Adamova, D. et al. (2012). Underlying Event measurements in pp collisions at root $s = 0.9$ and 7 TeV with the ALICE experiment at the LHC . [Journal of High Energy Physics](#), (7), 116.
- 7 Aguilar-Martinez, J. A., Pech-Canul, M. I., Esneider, M., Toxqui, A. & Shaji, S. (2012). Synthesis, Structure Parameter and Reaction Pathway for Spinel-Type Co₂SnO₄. [Materials Letters](#), 78, 28-31.
- 8 Aguilera, L. U., Galindo, B. E., Sanchez, D. & Santillan, M. (2012). What Is the Core Oscillator in the Speract-Activated Pathway of the Strongylocentrotus Purpuratus Sperm Flagellum? [Biophysical Journal](#), 102(11), 2481-2488.
- 9 Albarran, L., Lopez, T., Quintana, P. & Chagoya, V. (2012). Stability of Hepatoprotecting Agent Ifc-305 Encapsulated Into Sol-Gel Titania Nanoparticles and Drug Release Evaluation: Water and Drug Concentration Effect. [Journal of Nanoscience and Nanotechnology](#), 12(3), 2199-2205.
- 10 Andreuccetti, C., Carvalho, R. A., Galicia-Garcia, T., Martinez-Bustos, F., Gonzalez-Nunez, R. & Grosso, C. R. F. (2012). Functional properties of gelatin-based films containing *Yucca schidigera* extract produced via casting, extrusion and blown extrusion processes: A preliminary study. [Journal of Food Engineering](#), 113(1), 33-40.
- 11 Anta, J. A., Idigoras, J., Guillen, E., Villanueva-Cab, J., Mandujano-Ramirez, H. J., Oskam, G., Pelleja, L. & Palomares, E. (2012). A Continuity Equation for the Simulation of the Current-Voltage Curve and the Time-Dependent Properties of Dye-Sensitized Solar Cells. [Physical Chemistry Chemical Physics](#), 14(29), 10285-10299.

- 12 Antonio-Perez, A., Ramon-Luing, L. A. & Ortega-Lopez, J. (2012). Chromatographic refolding of rhodanese and lysozyme assisted by the GroEL apical domain, DsbA and DsbC immobilized on cellulose. [Journal of Chromatography A](#), 1248, 122-129.
- 13 Baltierrez-Hoyos, R., Roa-Espitia, A. L. & Hernandez-Gonzalez, E. O. (2012). The Association Between Cdc42 and Caveolin-1 Is Involved in the Regulation of Capacitation and Acrosome Reaction of Guinea Pig and Mouse Sperm. [Reproduction](#), 144(1), 123-134.
- 14 Basavarajappa, M. S., Hernandez-Ochoa, I., Wang, W. & Flaws, J. A. (2012). Methoxychlor Inhibits Growth and Induces Atresia Through the Aryl Hydrocarbon Receptor Pathway in Mouse Ovarian Antral Follicles. [Reproductive Toxicology](#), 34(1), 16-21.
- *15 Beltran-Ramirez, O., Perez, R. M., Sierra-Santoyo, A. & Villa-Trevino, S. (2012). Cancer Prevention Mediated by Caffeic Acid Phenethyl Ester Involves Cyp2b1/2 Modulation in Hepatocarcinogenesis. [Toxicologic Pathology](#), 40(3), 466-472.
- 16 Blasio, A. L., Perez, R. V., Pardo, M. R. & Maldonado, F. G. (2012). Maintenance Behaviour and Cortisol Levels in Bottlenose Dolphins (*Tursiops Truncates*) in Closed and Open Facilities. [Veterinaria Mexico](#), 43(2), 103-112.
- 17 Brennan, B., Milojevic, M., Contreras-Guerrero, R., Kim, H. C., Lopez-Lopez, M., Kim, K. & Wallace, R. M. (2012). Investigation of interfacial oxidation control using sacrificial metallic Al and La passivation layers on InGaAs. [Journal of Vacuum Science & Technology B](#), 30(4), 04E104.
- 18 Burciaga-Diaz, O. & Escalante-Garcia, J. I. (2012). Strength and Durability in Acid Media of Alkali Silicate-Activated Metakaolin Geopolymers. [Journal of the American Ceramic Society](#), 95(7), 2307-2313.
- 19 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Centrality Dependence of Dihadron Correlations and Azimuthal Anisotropy Harmonics in Pbpb Collisions at Root S(Nn)=2.76 Tev. [European Physical Journal C](#), 72(5), 2012.
- 20 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Jet Momentum Dependence of Jet Quenching in Pbpb Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 712(3), 176-197.
- 21 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the T(T)Over-Bar Production Cross Section in Pp Collisions at Root S=7 Tev in Dilepton Final States Containing a Tau. [Physical Review D](#), 85(11), 112007.
- 22 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Dark Matter and Large Extra Dimensions in Pp Collisions Yielding a Photon and Missing Transverse Energy. [Physical Review Letters](#), 108(26), 261803.
- 23 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Heavy Bottom-Like Quarks in 4.9 Fb(-1) of Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (05), 123.
- 24 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Neutral Higgs Bosons Decaying to Tau Pairs in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 713(2), 68-90.

- 25 Chavez-Munguia, B., Talamas-Rohana, P., Castanon, G., Salazar-Villatoro, L., Hernandez-Ramirez, V. & Martinez-Palomo, A. (2012). Differences in Cap Formation Between Invasive Entamoeba Histolytica and Non-Invasive Entamoeba Dispar. *Parasitology Research*, 111(1), 215-221.
- 26 Cortes-Romero, C., Martinez-Hernandez, A., Mellado-Mojica, E., Lopez, M. G. & Simpson, J. (2012). Molecular and functional characterization of novel fructosyltransferases and invertases from Agave tequilana. *Plos One*, 7(4), e35878.
- 27 Davila, J., Rios, H. & Fridman, L. (2012). State Observation for Nonlinear Switched Systems Using Nonhomogeneous High-Order Sliding Mode Observers. *Asian Journal of Control*, 14(4), 911-923.
- 28 Del Campo, F. M., Morales-Reyes, A., Perez-Andrade, R., Cumplido, R., Orozco-Lugo, A. G. & Feregrino, C. (2012). A Multi-Cycle Fixed Point Square Root Module for Fpgas. *Ieice Electronics Express*, 9(11), 971-977.
- 29 Del Campo, J. M., Gazquez, J. L., Trickey, S. B. & Vela, A. (2012). A new meta-GGA exchange functional based on an improved constraint-based GGA. *Chemical Physics Letters*, 543, 179-183.
- 30 Dorantes-Rosales, H. J., Lopez-Hirata, V. M., Esquivel-Gonzalez, R., Gonzalez-Velazquez, J. L., Moreno-Palmerin, J. & Torres-Castillo, A. (2012). Zn-22al-2cu Alloy Phase Transformations at Different Homogenizing Temperatures. *Metals and Materials International*, 18(3), 385-390.
- 31 Elyukhin, V. A. (2012). The extended affinity. *Physics Letters A*, 376(35), 2357-2360.
- 32 Flores-Villasenor, H., Canizalez-Roman, A., De la Garza, M., Nazmi, K., Bolscher, J. G. M. & Leon-Sicairos, N. (2012). Lactoferrin and lactoferrin chimera inhibit damage caused by enteropathogenic Escherichia coli in HEp-2 cells. *Biochimie*, 94(9), 1935-1942.
- 33 Galicia-Garcia, T., Martinez-Bustos, F., Jimenez-Arevalo, O. A., Arencon, D., Gomez-Perez, J. & Martinez, A. B. (2012). Films of native and modified starch reinforced with fiber: Influence of some extrusion variables using response surface methodology. *Journal of Applied Polymer Science*, 126(S1), E327-E336.
- 34 Garcia, A., Hackmann, E., Lammerzahl, C. & Macias, A. (2012). No-hair conjecture for Einstein-Plebanski nonlinear electrodynamics static black holes. *Physical Review D*, 86, 024037.
- *35 Geudtner, G., Calaminici, P., Carmona-Espindola, J. et al. (2012). Demon2k. *Wiley Interdisciplinary Reviews-Computational Molecular Science*, 2(4), 548-555.
- 36 Gomez-Balderas, J. E., Castillo, P., Guerrero, J. A., Salazar, S. & Lozano, R. (2012). Vision Based Tracking for a Quadrotor Using Vanishing Points. *Journal of Intelligent & Robotic Systems*, 65(1-4), 361-371.

- 37 Gonzalez-Campos, J. B., Garcia-Carvajal, Z. Y., Prokhorov, E., Luna-Barcenas, J. G., Mendoza-Duarte, M. E., Lara-Romero, J., Del Rio, R. E. & Sanchez, I. C. (2012). Revisiting the Thermal Relaxations of Poly(Vinyl Alcohol). [Journal of Applied Polymer Science](#), 125(5), 4082-4090.
- 38 Gonzalez-Juarez, D. E., Garcia-Vazquez, J. B., Zuniga-Garcia, V., Trujillo-Serrato, J. J., Suarez-Castillo, O. R., Joseph-Nathan, P. & Morales-Rios, M. S. (2012). Stereochemistry modulates the catalytic hydrogenolysis of nitrile-substituted cyclopropanes. [Tetrahedron](#), 68(35), 7187-7195.
- 39 Gonzalez-Ramirez, A., Gonzalez-Trujano, M. E., Pellicer, F. & Lopez-Munoz, F. J. (2012). Anti-nociceptive and anti-inflammatory activities of the Agastache mexicana extracts by using several experimental models in rodents. [Journal of Ethnopharmacology](#), 142(3), 700-705.
- 40 Gonzalez-Y-Merchand, J. A., Zaragoza-Contreras, R., Guadarrama-Medina, R., Helguera-Repetto, A. C., Rivera-Gutierrez, S., Cerna-Cortes, J. F., Santos-Argumedo, L. & Cox, R. A. (2012). Evaluation of the Cell Growth of Mycobacteria Using Mycobacterium Smegmatis Mc(2) 155 as a Representative Species. [Journal of Microbiology](#), 50(3), 419-425.
- 41 Hernandez-Estrada, Z. J., Figueroa, J. D. C., Rayas-Duarte, P. & Pena, R. J. (2012). Viscoelastic characterization of glutenins in wheat kernels measured by creep tests. [Journal of Food Engineering](#), 113(1), 19-26.
- 42 Hernandez-Lara, J. M., Mendoza-Barrera, C., Altuzar, V., Munoz-Aguirre, S., Mendoza-Barrera, S. & Sauceda-Carvajal, A. (2012). Manufacture of Piezoelectric Biosensors for Reading Antigen-Antibody Interactions. [Revista Mexicana de Fisica E](#), 58(1), 67-74.
- 43 Herrera-Lopez, E. J., Castillo-Toledo, B. & Femat, R. (2012). Fuzzy Servo Controller for Cstb With Substrate Inhibition Kinetics. [Journal of Process Control](#), 22(6), 959-967.
- 44 Juarez Diaz, G., Diaz-Reyes, J., Martinez-Juarez, J., Galvan-Arellano, M. & Balderas-Lopez, J. A. (2012). Structural characterization of Al_xGa_{1-x}Sb grown by LPE. [Materials Science in Semiconductor Processing](#), 15(5), 472-479.
- 45 Kautz, S., Ballhorn, D. J., Kroiss, J., Pauls, S. U., Moreau, C. S., Eilmus, S., Strohm, E. & Heil, M. (2012). Host Plant Use by Competing Acacia-Ants: Mutualists Monopolize While Parasites Share Hosts. [Plos One](#), 7(5), e37691.
- 46 Lara, E., Beltran, J. Q., Segovia, J. & Gutierrez, R. (2012). Granule cells born in the adult rat hippocampus can regulate the expression of GABAergic markers. [Experimental Neurology](#), 237(1), 134-141.
- 47 Leon, B. S., Alanis, A. Y., Sanchez, E. N., Ruiz-Velazquez, E. & Ornelas-Tellez, F. (2012). Inverse optimal neural control for a class of discrete-time nonlinear positive systems. [International Journal of Adaptive Control and Signal Processing](#), 26(7), 614-629.
- 48 Lopez-Zavala, A. A., Sotelo-Mundo, R. R., Garcia-Orozco, K. D., Isac-Martinez, F., Brieba, L. G. & Rudino-Pinera, E. (2012). Crystallization and X-Ray Diffraction Studies of Arginine Kinase From the White Pacific Shrimp Litopenaeus Vannamei. [Acta Crystallographica Section F-Structural Biology and Crystallization Communications](#), 68, 783-785.

- 49 Loza-Rubio, E., Rojas-Anaya, E., Lopez, J., Olivera-Flores, M. T., Gomez-Lim, M. & Tapia-Perez, G. (2012). Induction of a protective immune response to rabies virus in sheep after oral immunization with transgenic maize, expressing the rabies virus glycoprotein. *Vaccine*, 30(37), 5551-5556.
- 50 Marquez-Rubio, J. F., Del-Muro-Cuellar, B., Velasco-Villa, M. & Novella-Rodriguez, D. F. (2012). Observer-Pid Stabilization Strategy for Unstable First-Order Linear Systems With Large Time Delay. *Industrial & Engineering Chemistry Research*, 51(25), 8477-8487.
- 51 Moiseev, K., Mikhailova, M., Lesnikov, V., Podolskii, V., Kudriavtsev, Yu., Koudriavtseva, O. & Escobosa, A. (2012). Hybrid heterostructure with a nanolayer of diluted $\text{GaN}(\text{Mn})\text{AsSb}$ compound in a type II broken-gap heterojunction. *Journal of Magnetism and Magnetic Materials*, 324(21), 3376-3378.
- 52 Mondragon, J. A., Valdez, R. A., Gomez, Y., Rosales, A. M. & Romano, M. C. (2012). Study of the steroidogenic pathways involved in goat placental androgen and estrogen synthesis. *Small Ruminant Research*, 106(2-3), 173-177.
- 53 Montesinos, M. & Velazquez, M. (2012). BF gravity with Immirzi parameter and matter fields. *Physical Review D*, 85(6), 064011.
- 54 Montiel, R., Solorzano, E., Diaz, N., Alvarez-Sandoval, B. A., Gonzalez-Ruiz, M., Pau-Canadas, M., Simoes, N., Isidro, A. & Malgosa, A. (2012). Neonate human remains: a window of opportunity to the molecular study of ancient syphilis. *Plos One*, 7(5), e36371.
- 55 Munoz, C., Perez, M., Orrego, P. R. et al. (2012). A protein phosphatase 1 gamma (PP1[gamma]) of the human protozoan parasite *Trichomonas vaginalis* is involved in proliferation and cell attachment to the host cell. *International Journal for Parasitology*, 42(8), 715-727.
- 56 Munoz, M. A., Urzua, A., Echeverria, J., Bucio, M. A., Hernandez-Barragan, A. & Joseph-Nathan, P. (2012). Determination of absolute configuration of salvic acid, an ent-labdane from *Eupatorium salvia*, by vibrational circular dichroism. *Phytochemistry*, 80, 109-114.
- 57 Nakamura, T., Torimura, T., Iwamoto, H. et al. (2012). Prevention of Liver Fibrosis and Liver Reconstitution of Dmn-Treated Rat Liver by Transplanted Epcs. *European Journal of Clinical Investigation*, 42(7), 717-728.
- 58 Nieves-Mendoza, D., Gaona-Tiburcio, C., Hervert-Zamora, H. L., Tobias, R., Castro-Borges, P., Colas, R., Robledo, P. Z., Martinez-Villafane, A. & Almeraya-Calderon, F. (2012). Statistical Analysis of Factors Influencing Corrosion in Concrete Structures. *International Journal of Electrochemical Science*, 7(6), 5495-5509.
- 59 Ordóñez-Miranda, J. & Alvarado-Gil, J. J. (2012). Effect of the Pore Shape on the Thermal Conductivity of Porous Media. *Journal of Materials Science*, 47(18), 6733-6740.

- *60 Osorio-Yanez, C., Garcia-Tavera, J. L., Perez-Nunez, M. T., Poblete-Naredo, I., Munoz, B., Barron-Vivanco, B. S., Rothenberg, S. J., Zapata-Perez, O. & Albores, A. (2012). Benzo(a)Pyrene Induces Hepatic Akr1a1 Mrna Expression in Tilapia Fish (*Oreochromis Niloticus*). [Toxicology Mechanisms and Methods](#), 22(6), 438-444.
- 61 Pan, S. D., Merino, G. & Chattaraj, P. K. (2012). The Hydrogen Trapping Potential of Some Li-Doped Star-Like Clusters and Super-Alkali Systems. [Physical Chemistry Chemical Physics](#), 14(29), 10345-10350.
- 62 Park, M. S., Stephenson, M. K., Shannon, C., Caceres Diaz, L. A., Hudspeth, K. A., Gibbons, S. L., Munoz-Saldana, J. & Arroyave, R. (2012). Experimental and computational study of the morphological evolution of intermetallic compound (Cu₆Sn₅) layers at the Cu/Sn interface under isothermal soldering conditions. [Acta Materialia](#), 60(13-14), 5125-5134.
- 63 Parts, L., Hedman, A. K., Keildson, S. et al. (2012). Extent, Causes, and Consequences of Small Rna Expression Variation in Human Adipose Tissue. [Plos Genetics](#), 8(5), e1002704.
- 64 Rivas, A. L., Fasina, F. O., Hoogesteyn, A. L. et al. (2012). Connecting Network Properties of Rapidly Disseminating Epizoonotics. [Plos One](#), 7(6), e39778.
- 65 Robledo-Briones, M. & Ruiz-Herrera, J. (2012). Transcriptional Regulation of the Genes Encoding Chitin and Beta-1,3-Glucan Synthases From *Ustilago Maydis*. [Current Microbiology](#), 65(1), 85-90.
- 66 Rodriguez, M., Maldonado, J. L., Ramos-Ortiz, G., Dominguez, O., Ochoa, M. E., Santillan, R., Farfan, N., Meneses-Nava, M. A. & Barbosa-Garcia, O. (2012). Synthesis, X-ray diffraction analysis, and chemical-optical characterizations of boron complexes from bidentate ligands. [Polyhedron](#), 43(1), 194-200.
- 67 Rodriguez-Meza, M. A., Hernandez-Almada, A. & Matos, T. (2012). Complex Scalar Dark Matter (Part I): the Hydrodynamic Version. [Revista Mexicana de Fisica E](#), 58(1), 53-60.
- 68 Salazar, R., Arambula-Villa, G., Hidalgo, F. J. & Zamora, R. (2012). Mitigating Effect of Piquin Pepper (*Capsicum Annum* L. Var. *Aviculare*) Oleoresin on Acrylamide Formation in Potato and Tortilla Chips. [Lwt-Food Science and Technology](#), 48(2), 261-267.
- *69 Salazar-Montoya, J. A., Jimenez-Avalos, H. A. & Ramos-Ramirez, E. G. (2012). Effects of Gum Arabic Concentration and Soy Proteins on the Flow and Viscoelasticity of Their Dispersion. [International Journal of Food Properties](#), 15(4), 891-902.
- *70 Sanchez-Leon, N., Arteaga-Vazquez, M., Alvarez-Mejia, C. et al. (2012). Transcriptional analysis of the *Arabidopsis* ovule by massively parallel signature sequencing. [Journal of Experimental Botany](#), 63(10), 3829-3842.
- 71 Sathish-Kumar, K., Vazquez-Huerta, G., Rodriguez-Castellanos, A., Poggi-Varaldo, H. M. & Solorza-Feria, O. (2012). Microwave Assisted Synthesis and Characterizations of Decorated Activated Carbon. [International Journal of Electrochemical Science](#), 7(6), 5484-5494.

- 72 Serafin-Higuera, N., Hernandez-Sanchez, J., Ocadiz-Delgado, R., Vazquez-Hernandez, J., Albino-Sanchez, M. E., Hernandez-Pando, R. & Gariglio, P. (2012). Retinoic acid receptor β^2 deficiency reduces splenic dendritic cell population in a conditional mouse line. [Immunology Letters](#), 146(1-2), 15-24.
- 73 Sierra-Miranda, M., Delgadillo, D. M., Mancio-Silva, L., Vargas, M., Villegas-Sepulveda, N., Martinez-Calvillo, S., Scherf, A. & Hernandez-Rivas, R. (2012). Two long non-coding RNAs generated from subtelomeric regions accumulate in a novel perinuclear compartment in *Plasmodium falciparum*. [Molecular and Biochemical Parasitology](#), 185(1), 36-47.
- 74 Tapia-Pastrana, G., Chavez-Duenas, L., Lanz-Mendoza, H., Teter, K. & Navarro-Garcia, F. (2012). Virk Is a Periplasmic Protein Required for Efficient Secretion of Plasmid-Encoded Toxin From Enteropathogenic Escherichia Coli. [Infection and Immunity](#), 80(7), 2276-2285.
- 75 Tellez, R., Gomez-Viquez, L., Liy-Salmeron, G. & Meneses, A. (2012). GABA, glutamate, dopamine and serotonin transporters expression on forgetting. [Neurobiology of Learning and Memory](#), 98(1), 66-77.
- 76 Uribe-Godinez, J. & Jimenez-Sandoval, O. (2012). Study of the Electrocatalytic Properties of Ir-4(Co)(12) for the Oxygen Reduction and Hydrogen Oxidation Reactions, in the Absence and Presence of Fuel Cell Contaminants. [International Journal of Hydrogen Energy](#), 37(12), 9477-9484.
- 77 Valencia, D. P. & Gonzalez, F. J. (2012). Estimation of diffusion coefficients by using a linear correlation between the diffusion coefficient and molecular weight. [Journal of Electroanalytical Chemistry](#), 681, 121-126.
- 78 Vazquez-Nunez, E., Valenzuela-Encinas, C., Alcantara-Hernandez, R. J., Navarro-Noya, Y. E., Luna-Guido, M., Marsch, R. & Dendooven, L. (2012). Modifications of bacterial populations in anthracene contaminated soil. [Applied Soil Ecology](#), 61, 113-126.
- 79 Veleva, L., Tsaneva, B., Castro-Borges, P. & Burova, M. (2012). Characterization of passive films formed on manganese nickel-free stainless steel exposed to simulated concrete pore environment. [International Journal of Electrochemical Science](#), 7(5), 4121-4132.
- *80 Vera, I., Marino-Tapia, I. & Enriquez, C. (2012). Effects of Drought and Subtidal Sea-Level Variability on Salt Intrusion in a Coastal Karst Aquifer. [Marine and Freshwater Research](#), 63(6), 485-493.
- 81 Vilchis, H., Sanchez, V. M. & Escobosa, A. (2012). Cubic Gan Layers Grown by Metalorganic Chemical Vapor Deposition on Gan Templates Obtained by Nitridation of Gaas. [Thin Solid Films](#), 520(16), 5191-5194.
- *82 Villalobos-Arias, M. A., Pulido, G. T. & Coello, C. A. C. (2012). A New Mechanism to Maintain Diversity in Multi-Objective Metaheuristics. [Optimization](#), 61(7), 823-854.
- 83 Wang, W., Chai, T. Y., Yu, W., Wang, H. & Su, C. Y. (2012). Modeling Component Concentrations of Sodium Aluminate Solution Via Hammerstein Recurrent Neural Networks. [Ieee Transactions on Control Systems Technology](#), 20(4), 971-982.

- 84 Yan, A., Chai, T., Yu, W. & Xu, Z. (2012). Multi-objective evaluation-based hybrid intelligent control optimization for shaft furnace roasting process. [Control Engineering Practice](#), 20(9), 857-868.
- 85 Zaidi, M. B., Campos, F. D., Estrada-Garcia, T., Gutierrez, F., Leon, M., Chim, R. & Calva, J. J. (2012). Burden and Transmission of Zoonotic Foodborne Disease in a Rural Community in Mexico. [Clinical Infectious Diseases](#), 55(1), 51-60.
- 86 Zuniga-Mayo, V. M., Marsch-Martinez, N. & De Folter, S. (2012). JAIBA, a class-II HD-ZIP transcription factor involved in the regulation of meristematic activity, and important for correct gynoecium and fruit development in *Arabidopsis*. [The Plant Journal](#), 71(2), 314-326.

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

- 87 De Moure-Flores, F., Quinones-Galvan, J. G., Guillen-Cervantes, A., Santoyo-Salazar, J., Hernandez-Hernandez, A., Olvera, M. D., Zapata-Torres, M. & Melendez-Lira, M. (2012). Structural and Optical Properties of Cu-Doped CdTe Films With Hexagonal Phase Grown by Pulsed Laser Deposition. [Aip Advances](#), 2(2), 022131.
- 88 Garcia-Jimeno, S., Ortega-Palacios, R., Cepeda-Rubio, M. F. J., Vera, A., Leija, L. & Estelrich, J. (2012). Improved Thermal Ablation Efficacy Using Magnetic Nanoparticles: a Study in Tumor Phantoms. [Progress in Electromagnetics Research](#), 128, 229-248.
- 89 Lizama-Tzec, F. I. & Oskam, G. (2012). Influence of polyethylene glycol on the morphology of electrodeposited ZnO films for dye-sensitized solar cells. [ECS Transactions](#), 41(35, Semiconductors, Metal Oxides, and Composites: Metallization and Electrodeposition of Thin Films and Nanostructures 2), 47-53.
- 90 Montiel, A. & Breton, N. (2012). Testing a DBI model for the unification of dark matter and dark energy with gamma-ray bursts. [AIP Conference Proceedings](#), 1458, 495-498.
- 91 Rockwell, E. & Galvao, A. M. (2012). Paradoxes in French-Language Instruction: Recent Social and Historical Research on Literacy in France. [Reading Research Quarterly](#), 47(3), 328-341.
- 92 Vasilevski, N. (2012). On the algebras generated by Toeplitz operators with piecewise continuous symbols. [Indagationes Mathematicae](#), 23(3), 556-570.
- 93 Veleva, L. & Tsaneva, B. (2012). Characterization of passive films formed on manganese nickel-free stainless steel exposed to simulated concrete pore environment. [ECS Transactions](#), 41(25, Critical Factors in Localized Corrosion 7), 67-76.

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

94 Ballesteros-Rodea, G., Santillan, M., Martinez-Calvillo, S. & Manning-Cela, R. (2012). Erratum: "Flagellar Motility of Trypanosoma Cruzi Epimastigotes". [Journal of Biomedicine and Biotechnology](#), 2012, 793487.

95 Gomez-Balderas, J. E., Castillo, P., Guerrero, J. A., Salazar, S. & Lozano, R. (2012). Vision Based Tracking for a Quadrotor Using Vanishing Points (Vol 65, Pg 361, 2012). [Journal of Intelligent & Robotic Systems](#), 67(1), 75.

96 Puerta-Guardo, H., Medina, F., Hernandez, S. I. D., Rosales, V. H., Ludert, J. E. & Del Angel, R. M. (2012). The 1 Alpha,25-Dihydroxy-Vitamin D3 Reduces Dengue Virus Infection in Human Myelomonocyte (U937) and Hepatic (Huh-7) Cell Lines and Cytokine Production in the Infected Monocytes (Vol 94, Pg 57, 2012). [Antiviral Research](#), 94(3), 297.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

97 Diaz-Jimenez, D. F., Mora-Montes, H. M., Hernandez-Cervantes, A., Luna-Arias, J. P., Gow, N. A. R. & Flores-Carreon, A. (2012). Candida Albicans O-Linked Mannans Can Be Fully Extended by Mnt1 and Mnt2. [Mycoses](#), 55, 188.

98 Hernandez, L., Luna-Munoz, J., Acero, G., Vazquez-Ramirez, R. & Gevorkian, G. (2012). Beta-amyloid peptide 1-42 binds to N-terminal fragment of cytochrome C oxidase subunit 1 (COX1). [Alzheimer's & Dementia](#), 8(4, Supplement), P305-P306.

99 Sahaza, J. H., Estrada-Barcenas, D. A., Vite-Garin, T. M., Ramirez, J. A., Rodriguez-Arellanes, G., Gonzalez-Gonzalez, A. E. & Taylor, M. L. (2012). Multilocus Analyses of Histoplasma Capsulatum Isolated of Cave-Dwelling Bats From Mexico Reveals a New Probable Genetic Population of This Fungal Pathogen. [Mycoses](#), 55, 239.

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

100 Ferreri, N. R., Hao, S., Pedraza, P. L., Escalante, B. & Vio, C. P. (2012). Eicosanoids and tumor necrosis factor-alpha in the kidney: Eicosanoids in Cardiovascular Disease. [Prostaglandins & Other Lipid Mediators](#), 98(3-4), 101-106.

*101 Gutierrez, R. M. P., Gonzalez, A. M. N. & Ramirez, A. M. (2012). Compounds Derived From Endophytes: a Review of Phytochemistry and Pharmacology. [Current Medicinal Chemistry](#), 19(18), 2992-3030.

102 Rios, A., Vargas-Robles, H., Gomez-Mendez, A. M. & Escalante, B. (2012). Cyclooxygenase-2 and kidney failure: Eicosanoids in Cardiovascular Disease. [Prostaglandins & Other Lipid Mediators](#), 98(3-4), 86-90.

ARTÍCULOS DEL MES DE AGOSTO DE 2012

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

- 1 Aaltonen, T.; Abazov, V. M. & Abbott, B. (2012). Evidence for a Particle Produced in Association with Weak Bosons and Decaying to a Bottom-Antibottom Quark Pair in Higgs Boson Searches at the Tevatron. [Physical Review Letters](#), 109(7), 071804.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the W Boson Mass With the D0 Detector. [Physical Review Letters](#), 108(15), 151804.
- 3 Abazov, V. M.; Abbott, B. & Acharya, B. S. (2012). Observation of a narrow mass state decaying into Y(1S) + gamma in pp over bar collisions at root s = 1.96 TeV. [Physical Review D](#), 86(3), 031103.
- 4 Abazov, V. M.; Abbott, B. & Acharya, B. S. (2012). Search for Higgs boson production in oppositely charged dilepton and missing energy events in pp over bar collisions at root s = 1.96 TeV. [Physical Review D](#), 86(3), 032010.
- 5 Abazov, V. M.; Abbott, B. & Acharya, B. S. (2012). Search for WH associated production in pp over bar collisions at root s = 1.96 TeV. [Physical Review D](#), 86(3), 032005.
- 6 Abelev, B.; Adam, J.; Adamova, D., et al. (2012). J/psi suppression at Forward Rapidity in Pb-Pb Collisions at root sNN = 2.76 TeV. [Physical Review Letters](#), 109(7), 072301.
- 7 Abreu, P.; Aglietta, M. & Ahn, E. J. (2012). Measurement of the Proton-Air Cross Section at root s = 57 TeV with the Pierre Auger Observatory. [Physical Review Letters](#), 109(6), 062002.
- *8 Alazki, H. & Poznyak, A. (2012). Robust Stochastic Tracking for Discrete-Time Models: Designing of Ellipsoid Where Random Trajectories Converge With Probability One. [International Journal of Systems Science](#), 43(8), 1519-1533.
- 9 Antolin-Ceron, V. H., Gomez-Salazar, S., Rabelero, M., Soto, V., Luna-Barcenas, G., Katime, I. & Nuno-Donlucas, S. M. (2012). Comparative Study of the Thermal and Mechanical Properties of Nanocomposites Prepared by in Situ Polymerization of Epsilon-Caprolactone and Functionalized Carbon Nanotubes. [Polymer Composites](#), 33(4), 562-572.
- 10 Aranda, J. I.; Montano, J.; Ramirez-Zavaleta, J. J. & Tututi, E. S. (2012). Study of the lepton flavor-violating Z' -> pi mu decay. [Physical Review D](#), 86(3), 035008.
- 11 Astudillo, P. D., Valencia, D. P., Gonzalez-Fuentes, M. A., Diaz-Sanchez, B. R., Frontana, C. & Gonzalez, F. J. (2012). Electrochemical and chemical formation of a low-barrier proton transfer complex between the quinone dianion and hydroquinone. [Electrochimica Acta](#), 81, 197-204.
- 12 Avigad, G., Eisenstadt, E. & Schuetze, O. (2012). Handling Changes of Performance Requirements in Multi-Objective Problems. [Journal of Engineering Design](#), 23(8), 597-617.

- *13 Avila, M., Martinez-Juarez, A., Ibarra-Sanchez, A. & Gonzalez-Espinosa, C. (2012). Lyn Kinase Controls Tlr4-Dependent Ikk and Mapk Activation Modulating the Activity of Traf-6/Tak-1 Protein Complex in Mast Cells. [Innate Immunity](#), 18(4), 648-660.
- 14 Ballesteros-Rodea, G., Santillan, M., Cruz-Aguilar, M., Marquez-Duenas, C., Lugo-Caballero, C. I., Martinez-Calvillo, S., Swindle, J. & Manning-Cela, R. G. (2012). The Alternative Products of Trypanosoma Cruzi Lyt1 Have Different Localization Patterns. [Veterinaria Mexico](#), 43(1), 29-43.
- 15 Balvantin, A., Baltazar, A. & Aranda-Sanchez, J. I. (2012). A study of guided wave propagation on a plate between two solid bodies with imperfect boundary conditions. [International Journal of Mechanical Sciences](#), 63(1), 66-73.
- 16 Barbero, C., Mariano, A. & Castro, G. L. (2012). Absorptive One-Loop Corrections and the Complex-Mass Prescription for the Delta Resonance Propagator. [Journal of Physics G-Nuclear and Particle Physics](#), 39(8), 085011.
- 17 Bernabe-Loranca, B., Coello-Coello, C. A. & Osorio-Lama, M. (2012). A Multiobjective Approach for the Heuristic Optimization of Compactness and Homogeneity in the Optimal Zoning. [Journal of Applied Research and Technology](#), 10(3), 447-457.
- 18 Bruna, P., Serrano, J., Pineda, E., Duarte, M. J., Zhao, K., Wang, W. H. & Crespo, D. (2012). Inelastic X-ray scattering in metallic glasses: Bulk Metallic Glasse VIII. [Intermetallics](#), 30, 148-153.
- 19 Campos, H. M., Castillo-Perez, R. & Kravchenko, V. V. (2012). Construction and Application of Bergman-Type Reproducing Kernels for Boundary and Eigenvalue Problems in the Plane. [Complex Variables and Elliptic Equations](#), 57(7-8), 787-824.
- 20 Campos-Romo, A., Ojeda-Flores, R., Moreno-Briseno, P., Vergara, P., Segovia, J., Carrillo-Ruiz, J. D. & Fernandez-Ruiz, J. (2012). Behavioral Improvement in Mptp-Treated Nonhuman Primates in the Hallway Task After Transfer of Th Cdna to Host Astrocytes. [Acta Neurobiologiae Experimentalis](#), 72(2), 166-176.
- 21 Carbajal, G. I. V., Galicia, J. L. R., Angeles, J. C. R., Cuevas, J. L. & Chavarria, C. A. G. (2012). Microstructure and Mechanical Behavior of Alumina-Zirconia-Mullite Refractory Materials. [Ceramics International](#), 38(2), 1617-1625.
- 22 Carrasco-Alvarez, R., Parra-Michel, R., Orozco-Lugo, A. G. & Tugnait, J. K. (2012). Time-Varying Channel Estimation Using Two-Dimensional Channel Orthogonalization and Superimposed Training. [Ieee Transactions on Signal Processing](#), 60(8), 4439-4443.
- 23 Castro, G. L. & Quintero, N. (2012). Lepton-Number-Violating Four-Body Tau Lepton Decays. [Physical Review D](#), 85(7), 076006.
- 24 Castro-Carranza, A.; Nolasco, J. C.; Estrada, M.; Gwoziecki, R.; Benwadih, M.; Xu, Y.; Cerdeira, A.; Marsal, L. F.; Ghibaudo, G.; Iniguez, B. & Pallares, J. (2012). Effect of Density of States on Mobility in Small-Molecule N-Type Organic Thin-Film Transistors Based on a Perylene Diimide. [Ieee Electron Device Letters](#), 33(8), 1201-1203.

- 25 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Azimuthal Anisotropy of Charged Particles at High Transverse Momenta in Pb-Pb Collisions at Root S-Nn=2.76 Tev. [Physical Review Letters](#), 109(2), 022301.
- 26 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Charge Asymmetry in Top-Quark Pair Production in Proton-Proton Collisions at Root S=7 Tev. [Physics Letters B](#), 709(1-2), 28-49.
- 27 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Study of High-P(T) Charged Particle Suppression in Pbpb Compared to Pp Collisions at Root S(Nn)=2.76 Tev. [European Physical Journal C](#), 72(3), 1945.
- 28 Corzo, N. V., Marino, A. M., Jones, K. M. & Lett, P. D. (2012). Noiseless Optical Amplifier Operating on Hundreds of Spatial Modes. [Physical Review Letters](#), 109(4), 043602.
- 29 Cruz, J. S., Hernandez, S. A. M., Hernandez, J. J. C., Rodriguez, R. M., Perez, R. C., Delgado, G. T. & Sandoval, S. J. (2012). Characterization of Cuxs Thin Films Obtained by Cbd Technique at Differents Annealing Temperatures. [Chalcogenide Letters](#), 9(2), 85-91.
- 30 De Los Santos-Villalobos, S., Barrera-Galicia, G. C., Miranda-Salcedo, M. A. & Pena-Cabriales, J. J. (2012). Burkholderia Cepacia Xxvi Siderophore With Biocontrol Capacity Against Colletotrichum Gloeosporioides. [World Journal of Microbiology & Biotechnology](#), 28(8), 2615-2623.
- *31 Ek-Huchim, J. P., Jimenez-Garcia, I., Perez-Vega, J. A. & Rodriguez-Canul, R. (2012). Non-Lethal Detection of Dna From Cichlidogyrus Spp. (Monogenea, Ancyrocephalinae) in Gill Mucus of the Nile Tilapia Oreochromis Niloticus. [Diseases of Aquatic Organisms](#), 98(2), 155-162.
- 32 Elyukhin, V. A. (2012). Order-disorder transition in wurtzite InxGa_{1-x}N. [Journal of Crystal Growth](#), 356, 53-57.
- 33 Fernandez, D. J. (2012). Harmonic Oscillator Susy Partners and Evolution Loops. [Symmetry Integrability and Geometry-Methods and Applications](#), 8, 041.
- 34 Figueiroa, J. D. C.; Manuel, C. I.; Hernandez-Estrada, Z. J. & Ramirez-Wong, B. (2012). Stress Relaxation of Wheat Kernels and Their Relationship With Milling, Rheological, and Breadmaking Quality of Wheat. [Cereal Chemistry](#), 89(4), 211.216.
- 35 Fonseca-Garcia, C., Leon-Ramirez, C. G. & Ruiz-Herrera, J. (2012). The Regulation of Different Metabolic Pathways Through the Pal/Rim Pathway in Ustilago Maydis. [Fems Yeast Research](#), 12(5), 547-556.
- 36 Galeana-Zapien, H., Rubio-Loyola, J., Salazar-Linares, P., Aguero, R., Serrat, J. & Davy, S. (2012). A Business-Oriented Management Framework for Mobile Communication Systems. [Mobile Networks & Applications](#), 17(4), 479-491.

- 37 Garces, E. A., Miranda, O. G., Tortola, M. A. & Valle, J. W. F. (2012). Low-Energy Neutrino-Electron Scattering as a Standard Model Probe: the Potential of Lena as Case Study. [Physical Review D](#), 85(7), 073006.
- 38 Garcia-Ramirez, E., Mondragon-Chaparro, M. & Zelaya-Angel, O. (2012). Band Gap Coupling in Photocatalytic Activity in Zno-Tio2 Thin Films. [Applied Physics A-Materials Science & Processing](#), 108(2), 291-297.
- *39 Gaytan-Martinez, M., Figueroa, J. D. C., Vazquez-Landaverde, P. A., Morales-Sanchez, E., Martinez-Flores, H. E. & Reyes-Vega, M. L. (2012). Physicochemical, Functional, and Chemical Characterization of Nixtamalized Corn Flour Obtained by Ohmic Heating and Traditional Process. [Cytotoxicity Journal of Food](#), 10(3), 182-195.
- 40 Godinez-Chaparro, B., Lopez-Santillan, F. J., Orduna, P. & Granados-Soto, V. (2012). Secondary mechanical allodynia and hyperalgesia depend on descending facilitation mediated by spinal 5-HT4, 5-HT6 and 5-HT7 receptors. [Neuroscience](#), 222, 379-391.
- 41 Gomez-Diaz, R. A., Talavera, J. O., Pool, E. C. et al. (2012). Metformin decreases plasma resistin concentrations in pediatric patients with impaired glucose tolerance: a placebo-controlled randomized clinical trial. [Metabolism](#), 61(9), 1247-1255.
- 42 Gonzalez-Arenas, A., Pia-Medina, A. G., Gonzalez-Flores, O., Gomora-Arrati, P., Carrillo-Martinez, G. E., Balandron-Ruiz, M. A. & Camacho-Arroyo, I. (2012). Expression pattern of Tau in the rat brain during pregnancy and the beginning of lactation. [Brain Research Bulletin](#), 89(3-4), 108-114.
- 43 Gutierrez-Lazos, C. D., Ortega-Lopez, M., Rosendo, E. et al. (2012). Synthesis of CdTe Quantum Dots in Aqueous Solution and Their Optical and Structural Characterization. [Science of Advanced Materials](#), 4(5-6), 604-608.
- 44 Hernandez-Hernandez, A., Rangel-Kuoppa, V. T., Plach, T., De Moure-Flores, F., Quinones-Galvan, J. G., Santoyo-Salazar, J., Zapata-Torres, M., Hernandez-Hernandez, L. A. & Melendez-Lira, M. (2012). Synthesis of Visible Light Emitting Self Assembled Ge Nanocrystals Embedded Within a SiO₂ Matrix. [Journal of Applied Physics](#), 111(4), 044327.
- 45 Horley, P. P., Ribeiro, P., Vieira, V. R., Gonzalez-Hernandez, J., Vorobiev, Y. V. & Trapaga-Martinez, L. G. (2012). Particle Density Distribution in a Pyramid-Shaped Quantum Well. [Physica E-Low-Dimensional Systems & Nanostructures](#), 44(7-8), 1602-1607.
- 46 Imran, M. R., Rehman, M. U., Zia-Ul Qayyum, Muhammad, A., Martinez-Enriquez, A. M. & Syed, A. Z. (2012). Expert System to Diagnose Multiple Diseases Using Association Factor. [Life Science Journal-Acta Zhengzhou University Overseas Edition](#), 9(1), 542-547.
- 47 Leblanc, L. J., Jimenez-Garcia, K., Williams, R. A., Beeler, M. C., Perry, A. R., Phillips, W. D. & Spielman, I. B. (2012). Observation of a Superfluid Hall Effect. [Proceedings of the National Academy of Sciences of the United States of America](#), 109(27), 10811-10814.

- 48 Li, X. O. & Yu, W. (2012). Anti-Swing Control for an Overhead Crane With Fuzzy Compensation. *Intelligent Automation and Soft Computing*, 18(1), 1-11.
- 49 Lopez, R. A., Guerra, R. M. & Machuca, J. L. M. (2012). Temperature Control of Continuous Chemical Reactors Under Noisy Measurements and Model Uncertainties. *Journal of Applied Research and Technology*, 10(3), 428-446.
- 50 Luca, F., Rzedowski-Calderon, M. & Maldonado-Ramirez, M. R. (2012). A Generalization of a Lemma of Sullivan. *Communications in Algebra*, 40(7), 2301-2308.
- *51 Lujan-Hidalgo, M. C., Gutierrez-Miceli, F. A., Ventura-Canseco, L. M. C., Dendooven, L., Mendoza-Lopez, M. R., Cruz-Sanchez, S., Garcia-Barradas, O. & Abud-Archila, M. (2012). Chemical Composition and Antimicrobial Activity of Bursera Graveolens and Taxodium Mucronatum Essential Oils From Chiapas, Mexico. *Gayana Botanica*, 69, 7-14.
- 52 Manko, V. S. (2012). On the Physical Interpretation of Delta=2 Tomimatsu-Sato Solution. *Progress of Theoretical Physics*, 127(6), 1057-1075.
- 53 Martinez, E., Herrera-Gomez, A., Allain, M., Renault, O., Faure, A., Chabli, A. & Bertin, F. (2012). Characterization of Geometrical Factors for Quantitative Angle-Resolved Photoelectron Spectroscopy. *Journal of Vacuum Science & Technology A*, 30(4), 040605.
- 54 Martinez-Cruz, K., Sepulveda-Jauregui, A., Escobar-Orozco, N. & Thalasso, F. (2012). Methanogenic activity tests by Infrared Tunable Diode Laser Absorption Spectroscopy. *Journal of Microbiological Methods*, 91(1), 89-92.
- 55 Meda-Campana, J. A., Gomez-Mancilla, J. C. & Castillo-Toledo, B. (2012). Exact Output Regulation for Nonlinear Systems Described by Takagi-Sugeno Fuzzy Models. *Ieee Transactions on Fuzzy Systems*, 20(2), 235-247.
- 56 Montes-Fonseca, S. L., Orrantia-Borunda, E., Aguilar-Elguezabal, A., Horta, C. G., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2012). Cytotoxicity of Functionalized Carbon Nanotubes in J774a Macrophages. *Nanomedicine-Nanotechnology Biology and Medicine*, 8(6), 853-859.
- 57 Morales-Vargas, A. T., Dominguez, A. & Ruiz-Herrera, J. (2012). Identification of Dimorphism-Involved Genes of Yarrowia Lipolytica by Means of Microarray Analysis. *Research in Microbiology*, 163(5), 378-387.
- 58 Mostovoy, J. & Sadykov, R. (2012). On the Connectivity of Finite Subset Spaces. *Fundamenta Mathematicae*, 217(3), 279-282.
- 59 Muhammad, A., Ul Qayyum, Z., Waqar, M. M., Tanveer, S., Martinez-Enriquez, A. M. & Syed, A. Z. (2012). E-Hafiz: Intelligent System to Help Muslims in Recitation and Memorization of Quran. *Life Science Journal-Acta Zhengzhou University Overseas Edition*, 9(1), 534-541.
- 60 Muhammad, A., Zia-Ul Qayyum, Ashfaq, A., Waqar, M. M., Martinez-Enriquez, A. M. & Syed, A. Z. (2012). An Innovative Algorithm for Code Obfuscation. *Life Science Journal-Acta Zhengzhou University Overseas Edition*, 9(1), 527-533.

- 61 Munoz, F., Romero, A. H., Mejia-Lopez, J. & Moran-Lopez, J. L. (2012). First-Principles Theoretical Investigation of Monoatomic and Dimer Mn Adsorption on Noble Metal (111) Surfaces. [Physical Review B](#), 85(11), 115417.
- 62 Munoz, M. A., Martinez, M. & Joseph-Nathan, P. (2012). Absolute configuration and stereochemical analysis of 3alpha, 6beta-dibenzoyloxytropoane. [Phytochemistry Letters](#), 5(3), 450-454.
- 63 Muzquiz-Ramos, E. M., Cortes-Hernandez, D. A., Escobedo-Bocardo, J. C. & Zugasti-Cruz, A. (2012). In vitro bonelike apatite formation on magnetite nanoparticles after a calcium silicate treatment: Preparation, characterization and hemolysis studies. [Ceramics International](#), 38(8), 6849-6856.
- 64 Nieves-Mendoza, D., Gaona-Tiburcio, C., Hervert, H. L., Mendez, R. C., Castro-Borges, P., Borunda, A., Robledo, P. Z. & Almeraya-Calderon, F. (2012). Identifying Factors Influencing the Corrosion Rate of Steel Using Nonparametric Statistics. [International Journal of Electrochemical Science](#), 7(7), 6343-6352.
- 65 Ordonez-Miranda, J., Yang, R. G. & Alvarado-Gil, J. J. (2012). A Model for the Effective Thermal Conductivity of Metal-Nonmetal Particulate Composites. [Journal of Applied Physics](#), 111(4), 044319.
- 66 Ortuno-Pineda, C., Galindo-Rosales, J. M., Calderon-Salinas, J. V., Villegas-Sepulveda, N., Saucedo-Cardenas, O., De Nova-Ocampo, M. & Valdes, J. (2012). Binding of Hnrnp H and U2af65 to Respective G-Codes and a Poly-Uridine Tract Collaborate in the N50-5' Ss Selection of the Rest N Exon in H69 Cells. [Plos One](#), 7(7), e40315.
- 67 Osorio, H., Coronel, I., Arellano, A., Franco, M., Escalante, B. & Bautista, R. (2012). Ursodeoxycholic acid decreases sodium-glucose cotransporter (SGLT2) expression and oxidative stress in the kidney of diabetic rats. [Diabetes Research and Clinical Practice](#), 97(2), 276-282.
- 68 Paz, E. Y., Gil, K., Rebollo, L. et al. (2012). Genetic Diversity of Cuban Pineapple Germplasm Assessed by Aflp Markers. [Crop Breeding and Applied Biotechnology](#), 12(2), 104-110.
- 69 Pena-Caballero, V., Lopez-Perez, P. A., Neria-Gonzalez, M. I. & Aguilar-Lopez, R. (2012). A Class of Nonlinear Adaptive Controller for a Continuous Anaerobic Bioreactor. [Journal of Scientific & Industrial Research](#), 71(7), 480-486.
- 70 Penunuri, F., Peon-Escalante, R., Villanueva, C. & Cruz-Villar, C. A. (2012). Synthesis of spherical 4R mechanism for path generation using Differential Evolution. [Mechanism and Machine Theory](#), 57, 62-70.
- 71 Perez-Ceballos, R.; Pacheco-Avila, J.; Euan-Avila, J. I. & Hernandez-Arana, H. (2012). Regionalization Based on Water Chemistry and Physicochemical Traits in the Ring of Cenotes, Yucatan, Mexico. [Journal of Cave and Karst Studies](#), 74(1), 90-102.

- 72 Polanco-Martagon, S., Reyes-Salgado, G., Flores-Becerra, G., Tlelo-Cuautle, E., De La Fraga, L. G., Guerra-Gomez, I. & Duarte-Villasenor, M. A. (2012). Selection of Mosfet Sizes by Fuzzy Sets Intersection in the Feasible Solutions Space. [Journal of Applied Research and Technology](#), 10(3), 472-483.
- 73 Quiroz-Gonzalez, S., Segura-Alegria, B., Olmos, J. C. & Jimenez-Estrada, I. (2012). The effect of chronic undernourishment on the synaptic depression of cutaneous pathways in the rat spinal cord. [Brain Research Bulletin](#), 89(3-4), 97-101.
- 74 Ramirez, J. M., Correa, R. E. & Hernandez, D. C. (2012). A strategy to simultaneously tune power system stabilizers. [International Journal of Electrical Power & Energy Systems](#), 43(1), 818-829.
- 75 Ramirez, J. M., Hernandez, B. V. & Correa, R. E. (2012). Dynamic Equivalence by an Optimal Strategy. [Electric Power Systems Research](#), 84(1), 58-64.
- 76 Ramirez-Herrera, M. T., Lagos, M., Hutchinson, I. et al. (2012). Extreme Wave Deposits on the Pacific Coast of Mexico: Tsunamis or Storms? - A Multi-Proxy Approach. [Geomorphology](#), 139, 360-371.
- 77 Rangel, R., Mercado, G. J. L., Bartolo-Perez, P. & Garcia, R. (2012). Nanostructured-[CeO₂, La₂O₃, C]/TiO₂ Catalysts for Lignin Photodegradation. [Science of Advanced Materials](#), 4(5-6), 573-578.
- 78 Silva-Perez, V., Gomez-Merino, F. C., Garcia-Zavala, J. J., Burgueno-Ferreira, J., Santacruz-Varela, A., Palacios-Rojas, N. & Tiessen, A. (2012). Qtl.s Associated to Carotene Content in Maize Leaves (*Zea Mays L.*). [Agrociencia](#), 46(4), 333-345.
- 79 Tang, J., Chai, T., Yu, W. & Zhao, L. (2012). Feature extraction and selection based on vibration spectrum with application to estimating the load parameters of ball mill in grinding process: 4th Symposium on Advanced Control of Industrial Processes (ADCONIP). [Control Engineering Practice](#), 20(10), 991-1004.
- 80 Vazquez-Cortes, D., Cruz-Hernandez, E., Mendez-Garcia, V. H., Shimomura, S. & Lopez-Lopez, M. (2012). Optical and Electrical Properties of Si-Doped Gaas Films Grown on (631)-Oriented Substrates. [Journal of Vacuum Science & Technology B](#), 30(2), 02B125.
- 81 Veleva, L. & Farro, W. (2012). Influence of seawater and its aerosols on copper patina composition. [Applied Surface Science](#), 258(24), 10072-10076.
- 82 Venkatesan, R., Velumani, S. & Kassiba, A. (2012). Mechanochemical synthesis of nanostructured BiVO₄ and investigations of related features. [Materials Chemistry and Physics](#), 135(2-3), 842-848.
- 83 Ventura-Canseco, L. M. C., Nunez, J. A. M., Abud-Archila, M., Oliva-Llaven, M. A., Dendooven, L. & Gutierrez-Miceli, F. A. (2012). Sugarcane Molasse and Whey as Additives in the Silage of Lemongrass (*Cymbopogon Citratus* [Dc.] Stapf) Leaves. [Chilean Journal of Agricultural Research](#), 72(1), 87-91.

84 Villamil-Hernandez, M. T., Alcantara-Vazquez, O., Sanchez-Lopez, A., Manrique-Maldonado, G., Villalon, C. M. & Centurion, D. (2012). Pharmacological identification of the +_2-adrenoceptor subtypes mediating the vasopressor responses to B-HT 933 in pithed rats. [European Journal of Pharmacology](#), 691(1-3), 118-124.

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

85 Garcia-Compean, H. & Loaiza-Brito, O. (2012). Towards a K-theory description of quantum hair. [Aip Conference Proceedings](#), 1473, 203-211.

*86 Machin, M. C., Diaz, J. P. & Trigo, M. S. (2012). Conceptual and Cognitive Processes in the Introduction of Ordinary Differential Equations Through Problem Solving. [Ensenanza De Las Ciencias](#), 30(2), 9-31.

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

87 Binolfi, A., Quintanar, L., Bertoncini, C. W., Griesinger, C. & Fernandez, C. O. (2012). Bioinorganic chemistry of copper coordination to alpha-synuclein: Relevance to Parkinson's disease: Metal Ions in Neurodegenerative Diseases. [Coordination Chemistry Reviews](#), 256(19-20), 2188-2201.

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ARTÍCULOS DEL MES DE SEPTIEMBRE 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). Combined Search for the Standard Model Higgs Boson Decaying to bb over bar Using the D0 Run II Data Set. [Physical Review Letters](#), 109, 121802.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the top-quark mass in pp over bar collisions using events with two leptons. [Physical Review D](#), 86(5), 051103.
- 3 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for the Standard Model Higgs Boson in Associated WH Production in 9.7 fb-1 of pp over bar Collisions with the D0 Detector. [Physical Review Letters](#), 109, 121804.
- 4 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for the Standard Model Higgs Boson in ZH -> l+l-bb over bar Production with the D0 Detector in 9.7 fb-1 of pp over bar Collisions at root s=1.96 TeV. [Physical Review Letters](#), 109, 121803.
- 5 Abazov, V. M., Abbott, B., Acharya, B. S., et al. (2012). Search for the standard model Higgs boson in the ZH -> vv over bar bb over bar channel in 9.5 fb-1 of pp over bar collisions at root s=1.96 TeV. [Physics Letters B](#), 716(2), 285-293.
- 6 Abelev, B., Quintana, A. A., Adamova, D. et al. (2012). Production of Muons from Heavy Flavor Decays at Forward Rapidity in pp and Pb-Pb Collisions at root SNN = 2.76 TeV. [Physical Review Letters](#), 109, 112301.
- 7 Abreu, P., Aglietta, M., Ahlers, M. et al. (2012). Search for Point-Like Sources of Ultra-High Energy Neutrinos at the Pierre Auger Observatory and Improved Limit on the Diffuse Flux of Tau Neutrinos. [Astrophysical Journal Letters](#), 755(1), L4.
- 8 Acevedo-Martinez, E., Gomez-Zamorano, L. Y., & Escalante-Garcia, J. I. (2012). Portland cement-blast furnace slag mortars activated using waterglass: -Part 1: Effect of slag replacement and alkali concentration. [Construction and Building Materials](#), 37(0), 462-469.
- 9 Aceves-Mijares, M., Gonzalez-Fernandez, A. A., Lopez-Estopier, R., Luna-Lopez, A., Berman-Mendoza, D., Morales, A., Falcony, C., Dominguez, C. & Murphy-Arteaga, R. (2012). On the Origin of Light Emission in Silicon Rich Oxide Obtained by Low-Pressure Chemical Vapor Deposition. [Journal of Nanomaterials](#), 2012, 890701.
- 10 Aguilar-Ibanez, C., Garrido-Moctezuma, R., & Davila, J. (2012). Output feedback trajectory stabilization of the uncertainty DC servomechanism system. [ISA Transactions](#), 51(6), 801-807.
- *11 Alatorre-Cobos, F., Cruz-Ramirez, A., Hayden, C. A., Perez-Torres, C. A., Chauvin, A. L., Ibarra-Laclette, E., Alva-Cortes, E., Jorgensen, R. A. & Herrera-Estrella, L. (2012). Translational Regulation of Arabidopsis Xipot1 Is Modulated by Phosphocholine Levels Via the Phylogenetically Conserved Upstream Open Reading Frame 30. [Journal of Experimental Botany](#), 63(14), 5203-5221.

- 12 Barbosa-Cabrera, E., Salas-Casas, A., Rojas-Hernandez, S., Jarillo-Luna, A., Abarca-Rojano, E., Rodriguez, M. A. & Campos-Rodriguez, R. (2012). Purification and Cellular Localization of the Entamoeba Histolytica Transcarboxylase. [Parasitology Research](#), 111(3), 1401-1405.
- 13 Beltran, J. Q., Reyes, S., Perez-Guzman, J. A., Elias-Vinas, D. & Gutierrez, R. (2012). Dissociation of Ca3 Pyramidal Cells With Attached, Functional, Identified Mossy Fiber and Interneuronal Boutons for Studying Glutamatergic and Gabaergic Synaptic Transmission. [Journal of Neuroscience Methods](#), 208(2), 155-160.
- 14 Bindu, K. R., Martinez, A. I., Vasudevan, P., Unnikrishnan, N. V., & Anila, E. I. (2012). Nanostructured ZnS powders with strong confinement effects prepared by colloidal precipitation method. [Physica E: Low-Dimensional Systems and Nanostructures](#), 46, 21-24.
- 15 Castro-Guillen, J. L., Mendiola-Olaya, E., Garcia-Gasca, T. & Blanco-Labra, A. (2012). Partial Characterization of Serine Peptidases in Larvae of Prostephanus Truncatus (Horn) (Coleoptera: Bostrichidae), Reveals Insensitive Peptidases to Some Plant Peptidase Inhibitors. [Journal of Stored Products Research](#), 50, 28-35.
- 16 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Observation of a New Xi(B) Baryon. [Physical Review Letters](#), 108(25), 252002.
- 17 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Heavy Long-Lived Charged Particles in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 713(4-5), 408-433.
- 18 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for New Physics With Same-Sign Isolated Dilepton Events With Jets and Missing Transverse Energy. [Physical Review Letters](#), 109(7), 071803.
- *19 Cruz-Antonio, L., Arauz, J., Franco-Bourland, R. E., Guizar-Sahagun, G. & Castaneda-Hernandez, G. (2012). Contrasting Effects of Cord Injury on Intravenous and Oral Pharmacokinetics of Diclofenac: a Drug With Intermediate Hepatic Extraction. [Spinal Cord](#), 50(8), 632-635.
- 20 De Oca Lyigm, Chagolla-Lopez, A., De La Vara, L. G., Cabellos-Avelar, T., Gomez-Lojero, C. & Cirlos, E. B. G. (2012). The Composition of the Bacillus Subtilis Aerobic Respiratory Chain Supercomplexes. [Journal of Bioenergetics and Biomembranes](#), 44(4), 473-486.
- 21 Diaz-Guillen, J. C., Vargas-Gutierrez, G., Granda-Gutierrez, E. E., Aguilar-Martinez, J. A., Candelas-Ramirez, J., Perez-Aguilar, S. I. & Alvarez-Contreras, L. (2012). Electrochemical Corrosion Performance of Hematite-Free Magnetite Layer on Aisi 4340 by Duplex Pulsed Plasma Nitriding-Oxidizing Treatment. [International Journal of Electrochemical Science](#), 7(8), 7261-7269.
- 22 Dominguez, R. B., Hayat, A., Sassolas, A., Alonso, G. A., Munoz, R., & Marty, J.-L. (2012). Automated flow-through amperometric immunosensor for highly sensitive and on-line detection of okadaic acid in mussel sample. [Talanta](#), 99(0), 232-237.
- 23 Dominguez-Ramirez, A. M., Carrillo-Calzadilla, P., Cortes-Arroyo, A. R., Hurtado y de la Pena, M., Medina-Lopez, J. R., Gomez-Hernandez, M., & Lopez-Munoz, F. J. (2012). High-performance

- liquid chromatographic assay for metamizol metabolites in rat plasma: Application to pharmacokinetic studies. [Journal of Pharmaceutical and Biomedical Analysis](#), 71(0), 173-178.
- 24 Escribese, M. M., Sierra-Filardi, E., Nieto, C. et al. (2012). The Prolyl Hydroxylase Phd3 Identifies Proinflammatory Macrophages and Its Expression Is Regulated by Activin a. [Journal of Immunology](#), 189(4), 1946-1954.
- 25 Espinosa-Calderon, A., Torres-Pacheco, I., Padilla-Medina, J. A., Chavaro-Ortiz, R. M., Xoconostle-Cazares, B., Gomez-Silva, L., Ruiz-Medrano, R. & Guevara-Gonzalez, R. G. (2012). Relationship Between Leaf Temperature and Photosynthetic Carbon in Capsicum Annum L. In Controlled Climates. [Journal of Scientific & Industrial Research](#), 71(8), 528-533.
- *26 Fernandez-Guasti, A., Fiedler, J. L., Herrera, L. & Handa, R. J. (2012). Sex, Stress, and Mood Disorders: at the Intersection of Adrenal and Gonadal Hormones. [Hormone and Metabolic Research](#), 44(8), 607-618.
- 27 Garcia, N. M., Lobo, F. S. N. & Visser, M. (2012). Generic Spherically Symmetric Dynamic Thin-Shell Traversable Wormholes in Standard General Relativity. [Physical Review D](#), 86(4), 044026.
- 28 Garcia-Roca, P., Medeiros, M., Reyes, H. et al. (2012). Cyp3a5 Polymorphism in Mexican Renal Transplant Recipients and Its Association With Tacrolimus Dosing. [Archives of Medical Research](#), 43(4), 283-287.
- 29 Gervacio-Arciniega, J. J., Prokhorov, E., Espinoza-Beltran, F. J. & Trapaga, G. (2012). Characterization of local piezoelectric behavior of ferroelectric GeTe and Ge₂Sb₂Te₅ thin films. [Journal of Applied Physics](#), 112(5), 052018.
- 30 Godinez-Salomon, F., Hallen-Lopez, M., & Solorza-Feria, O. (2012). Enhanced electroactivity for the oxygen reduction on Ni@Pt core-shell nanocatalysts. [International Journal of Hydrogen Energy](#), 37(19), 14902-14910.
- 31 Gutierrez, D., & Salazar-Varas, R. (2012). Using eigenstructure decompositions of time-varying autoregressions in common spatial patterns-based EEG signal classification. [Biomedical Signal Processing and Control](#), 7(6), 622-631.
- 32 Hayet, J. B., Esteves, C., Arechavaleta, G., Stasse, O. & Yoshida, E. (2012). Humanoid Locomotion Planning for Visually Guided Tasks. [International Journal of Humanoid Robotics](#), 9(2), 1250009.
- 33 Leon, J. A. & Tindel, S. (2012). Malliavin Calculus for Fractional Delay Equations. [Journal of Theoretical Probability](#), 25(3), 854-889.
- 34 Leon-Martinez, D. G., Vielle-Calzada, J. P. & Olalde-Portugal, V. (2012). Expression of Phenazine Biosynthetic Genes During the Arbuscular Mycorrhizal Symbiosis of Glomus Intraradices. [Brazilian Journal of Microbiology](#), 43(2), 716-738.

- 35 Leyva-Del-Foyo, L. E., Mejia-Alvarez, P. & De Niz, D. (2012). Integrated Task and Interrupt Management for Real-Time Systems. *Acm Transactions on Embedded Computing Systems*, 11(2), 32.
- 36 Lopez, J., Espinoza-Beltran, F. J., Zambrano, G., Gomez, M. E. & Prieto, P. (2012). Characterization of Magnetic Nanoparticles and Cofe₂O₄ Cozmfe(2)O(4) Prepared by the Coprecipitation Chemical Method. *Revista Mexicana de Fisica*, 58(4), 293-300.
- 37 Lopez, R., Diaz, T., Garcia, G., Galeazzi, R., Rosendo, E., Coyopol, A., Pacio, M., Juarez, H. & Oliva, A. I. (2012). Structural Properties of Zn-ZnO Core-Shell Microspheres Grown by Hot-Filament Cvd Technique. *Journal of Nanomaterials*, 2012, 865321.
- 38 Maczka, M., Bednarkiewicz, A., Mendoza-Mendoza, E., Fuentes, A. F., & K-Öpi+äski, L. (2012). Optical properties of Eu and Er doped LaAlO₃ nanopowders prepared by low-temperature method. *Journal of Solid State Chemistry*, 194(0), 264-269.
- *39 Mandilaras, K. & Missirlis, F. (2012). Genes for Iron Metabolism Influence Circadian Rhythms in *Drosophila Melanogaster*. *Metallomics*, 4(9), 928-936.
- 40 Manjarrez-Gutierrez, G., Martinez-Radilla, K., Boyzo-Montes de Oca, A., Orozco-Suarez, S., & Hernandez-Rodriguez, J. (2012). Increased expression of tryptophan-5-hydroxylase 1, but not 2, in brainstem as a result of intrauterine malnutrition. *International Journal of Developmental Neuroscience*, 30(6), 445-450.
- 41 Marichal-Cancino, B. A., Gonzalez-Hernandez, A., Manrique-Maldonado, G., Ruiz-Salinas, I. I., Altamirano-Espinoza, A. H., MaassenVanDenBrink, A., & Villalon, C. M. (2012). Intrathecal dihydroergotamine inhibits capsaicin-induced vasodilatation in the canine external carotid circulation via GR127935- and rauwolscine-sensitive receptors. *European Journal of Pharmacology*, 692(1-3), 69-77.
- 42 Marino, A. M., Trejo, N. V. C. & Lett, P. D. (2012). Effect of Losses on the Performance of an Su(1,1) Interferometer. *Physical Review A*, 86(2), 023844.
- 43 Marquez-Herrera, A., Hernandez-Rodriguez, E., Calzadilla-Amaya, O., Melendez-Lira, M. & Zapata-Torres, M. (2012). Effect of Substrate Temperature on the Structural Properties, Optical and Ferroelectric Batio₃ Thin Films Deposited by Rf Sputtering. *Revista Mexicana de Fisica*, 58(4), 308-312.
- 44 Martinez-Bernal, J., Morey, S. & Villarreal, R. H. (2012). Associated Primes of Powers of Edge Ideals. *Collectanea Mathematica*, 63(3), 361-374.
- 45 Mezzarane, R. A., Kohn, A. F., Couto-Roldan, E., Martinez, L., Flores, A. & Manjarrez, E. (2012). Absence of Effects of Contralateral Group I Muscle Afferents on Presynaptic Inhibition of Ia Terminals in Humans and Cats. *Journal of Neurophysiology*, 108(4), 1176-1185.
- *46 Pedrozo-Acuna, A., De Alegria-Arzaburu, A. R., Marino-Tapia, I., Enriquez, C. & Villareal, F. J. G. (2012). Factors Controlling Flooding at the Tonala River Mouth (Mexico). *Journal of Flood Risk Management*, 5(3), 226-244.

- 47 Pool, H., Quintanar, D., Figueroa, J. D., Bechara, J. E. H., McClements, D. J. & Mendoza, S. (2012). Polymeric Nanoparticles as Oral Delivery Systems for Encapsulation and Release of Polyphenolic Compounds: Impact on Quercetin Antioxidant Activity & Bioaccessibility. [Food Biophysics](#), 7(3), 276-288.
- 48 Ramirez, M., Hernandez-Montoya, J., Sanchez-Serrano, S. L., Ordaz, B., Ferraro, S., Quintero, H., Pena-Ortega, F., & Lamas, M. (2012). GABA-mediated induction of early neuronal markers expression in postnatal rat progenitor cells in culture. [Neuroscience](#), 224(0), 210-222.
- 49 Ramirez-Montes, P. I., Ochoa, M. E., Rodriguez, V., Santillan, R., Garcia-Ortega, H., Rodriguez, P., & Farfan, N. (2012). Synthesis, characterization, and X-ray analysis of new N,N'-disubstituted-1,4-diazepanes. [Tetrahedron Letters](#), 53(44), 5887-5890.
- 50 Reyes, P., & Velumani, S. (2012). Structural and optical characterization of mechanochemically synthesized copper doped CdS nanopowders. [Materials Science and Engineering B-Advanced Functional Solid-State Materials](#), 177(16), 1452-1459.
- 51 Ringkamp, M., Ober-Blobaum, S., Dellnitz, M. & Schutze, O. (2012). Handling High-Dimensional Problems With Multi-Objective Continuation Methods Via Successive Approximation of the Tangent Space. [Engineering Optimization](#), 44(9), 1117-1146.
- 52 Sanchez, A. & Bucio, J. (2012). Improving the Teaching of Discrete-Event Control Systems Using a Lego Manufacturing Prototype. [Ieee Transactions on Education](#), 55(3), 326-331.
- 53 Sarmiento, E., Pinto, M. V. & Villarreal, R. H. (2012). On the Vanishing Ideal of an Algebraic Toric Set and Its Parametrized Linear Codes. [Journal of Algebra and Its Applications](#), 11(4), 1250072.
- 54 Schutze, O., Esquivel, X., Lara, A. & Coello, C. A. C. (2012). Using the Averaged Hausdorff Distance as a Performance Measure in Evolutionary Multiobjective Optimization. [Ieee Transactions on Evolutionary Computation](#), 16(4), 504-522.
- 55 Sepulveda-Jauregui, A., Martinez-Cruz, K., Strohm, A., Anthony, K. M. W. & Thalasso, F. (2012). A New Method for Field Measurement of Dissolved Methane in Water Using Infrared Tunable Diode Laser Absorption Spectroscopy. [Limnology and Oceanography-Methods](#), 10, 560-567.
- 56 Toledo, A., Sandoval, A., Gonzalez-Ramirez, R., Avila, T., Almanza, A., Monjaraz, E., Gomora, J. C., Piedras-Renteria, E. S., & Felix, R. (2012). Insulin-mediated upregulation of T-type Ca²⁺ currents in GH3 cells is mediated by increased endosomal recycling and incorporation of surface membrane Cav3.1 channels. [Cell Calcium](#), 52(5), 377-387.
- 57 Trejo-Tzab, R., Alvarado-Gil, J. J., Quintana, P., & Bartolo-Perez, P. (2012). N-doped TiO₂ P25/Cu powder obtained using nitrogen (N₂) gas plasma. [Catalysis Today](#), 193(1), 179-185.
- 58 Valencia-Morales, M. D., Camas-Reyes, J. A., Cabrera-Ponce, J. L. & Alvarez-Venegas, R. (2012). The Arabidopsis Thaliana Set-Domain-Containing Protein Ashh1/Sdg26 Interacts With

Itself and With Distinct Histone Lysine Methyltransferases. *Journal of Plant Research*, 125(5), 679-692.

59 Velasco-Martinez, A.; Torres-Rodriguez, M.; Gutierrez-Arzaluz, M.; Del Angel-Vicente, P. & Solorza-Feria, O. (2012). Pd and Pd-Co oxygen reduction nanocatalysts in acidic media.

International Journal of Electrochemical Science, 7, 7140-7151.

60 Vences-Catalan, F., Rajapaksa, R., Levy, S. & Santos-Argumedo, L. (2012). The Cd19/Cd81 Complex Physically Interacts With Cd38 but Is Not Required to Induce Proliferation in Mouse B Lymphocytes. *Immunology*, 137(1), 48-55.

61 Zuniga-Gutierrez, B., Geudner, G. & Koster, A. (2012). Magnetizability tensors from auxiliary density functional theory. *Journal of Chemical Physics*, 137(9), 094113.

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

62 Aguilar-Leyva, J.; Maldonado, A. & Olvera, M. L. (2012). Aplicación de peliculas delgadas de SnO₂ y SnO₂:Ru como sensores de propano. *Superficies y Vacío*, 25(2), 117-121.

63 Aguilar-Mendez, M. A.; San Martin-Martinez, E.; Espinoza-Herrera, N. L.; Sanchez-Flores, M.; Cruz-Orea, A. & Ramirez-Ortiz, M. E. (2012). Caracterizacion y aplicación de peliculas a base de gelatina-carboximetilcelulosa para la preservacion de frutos de guayaba. *Superficies y Vacío*, 25(1), 1-7.

64 Arias-Ceron, J. S.; Gonzalez-Araoz, M. P.; Bautista-Hernandez, A.; Sanchez-Ramirez, J. F.; Herrera-Perez, J. L. & Mendoza-Alvarez, J. G. (2012). Semiconductor nanocrystals of InP@ZnS: synthesis and characteization. *Superficies y Vacío*, 25(2), 134-138.

65 Dominguez-Pacheco, A.; Hernandez-Aguilar, C.; Zepeda-Bautista, R.; Martinez-Ortiz, E. & Cruz-Orea, A. (2012). Analisis termico de semilla de maiz con plaga por microscopia fotopiroelectrica. *Superficies y Vacío*, 25(2), 92-96.

66 Gonzalez-Campos, J. B.; Del Rio, R. E.; Prokhorov, E. & Luna-Barcenas, J. G. (2012). Compuesto de quitosana/nanoparticulas de Ag: conductividad y mecanismos de relajacion y su relacion con sus propiedades macroscopicas. *Superficies y Vacío*, 25(1), 43-48.

67 Iсиordia-Espinoza, M. A., Sanchez-Prieto, M., Tobias-Azua, F., Reyes-Garcia, J. G., & Granados-Soto, V. (2012). Pre-emptive analgesia with the combination of tramadol plus meloxicam for third molar surgery: a pilot study. *British Journal of Oral and Maxillofacial Surgery*, 50(7), 673-677.

68 May-Crespo, J.; Quintana, P.; Alvarado-Gil, J. J.; Juarez-De la Rosa, B. A.; May-Pat, A. & Aviles, F. (2012). Physical, petrographic and mineralogical properties of limestone rocks from the Peninsula of Yucatan. *Materials Research Society Symposium Proceedings*, 1373, 53-58.

69 Roa-Fuentes, S. & Oktac, A. (2012). Validation of a Genetic Decomposition of Linear Transformation: an Analysis Refined by the Implementation of the Research Cycle Related to Apos

Theory. [Revista Latinoamericana de Investigacion en Matematica Educativa-Relime](#), 15(2), 199-232.

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

70 Ochoa-Fuentes, Y. M., Cerna-Chavez, E., Gallegos-Morales, G., Landeros-Flores, J., Delgado-Ortiz, J. C., Hernandez-Camacho, S., Rodriguez-Guerra, R. & Olalde-Portugal, V. (2012). Identificacion de especies de Fusarium en semillas de ajo en Aguascalientes, Mexico. [Revista Mexicana de Micología](#), 36, 27-31.

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

71 Coelho, L. A. F., Pezzin, S. H., Loos, M. R., Prado Lasd & Ramirez, A. M. (2012). Polymer Matrix Nanocomposites and Nanostructured Materials. [Journal of Nanomaterials](#), 2012, 962815.

72 Pelayo-Vazquez, J. B., Gonzalez, F. J., Leyva, M. A., Campos, M., Torres, L. A. & Rosales-Hoz, M. J. (2012). A Ruthenium Carbonyl Cluster Containing a Hydroquinone Ligand: a Layered Structure With a Polymetallic Species. Structure and Electrochemical Characterization. [Journal of Organometallic Chemistry](#), 716, 289-293.

73 Velumani, S. (2012). Symposium on advances in semiconducting materials: XX International Materials Research Congress, Cancun, Mexico. [Materials Science and Engineering B-Advanced Functional Solid-State Materials](#), 177(16), 1415-1416.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

74 Flores-Clemente, C., Osorio-Espinoza, A., Escamilla-Sanchez, J., Arias-Montano, J. M. & Arias-Montano, J. A. (2012). Comparison of the Pharmacological and Signaling Properties of Wild-Type and A280v Mutant Human Histamine H-3 Receptors Expressed in Chok1 Cells. [Inflammation Research](#), 61, S77-S78.

75 Gonzalez, F. J. J., Cerda-Garcia-Rojas, C. M. & Pereda-Miranda, R. (2012). Nmr Vicinal J(H-H) From Dft Theory as Reliable Tools for Stereochemical Analysis of 6-Heptenyl-5,6-Dihydro-2 H-Pyran-2-Ones. [Planta Medica](#), 78(11), 1276.

76 Hernandez-Onate, M. A., Carreras-Villasenor, N. & Cetz, J. (2012). Trichoderma Sensing the Environment for Survival and Dispersal. [Febs Journal](#), 279, 48-49.

77 Huerta-Heredia, A. A., Vera-Reyes, I., Ponce-Noyola, T., Cerda-Garcia-Rojas, C. M., Trejo-Tapia, G. & Ramos-Valdivia, A. C. (2012). Activation of Oxidative Burst Induces Antioxidant Response and Indole Alkaloid Production in Uncaria Tomentosa Root Cultures. [Planta Medica](#), 78(11), 1069.

78 Leyte-Lugo, M., Cerda-Garcia-Rojas, C. M., Gonzalez, M. D., Glenn, A. & Mata, R. (2012). 9s,11r-(+)-Ascosalitoxin From an Endophytic Fungus Isolated From Hintonia Latiflora. [Planta Medica](#), 78(11), 1157.

- 79 Mcnaught-Flores, D. A., Soriano-Ursua, M. A. & Arias-Montano, J. A. (2012). Modulation by Histamine of Beta(2) Adrenoceptor-Mediated Camp Accumulation in Cos-7 Cells: a Possible Allosteric Action. [Inflammation Research](#), 61, S87.
- 80 Montiel-Sosa, J. F., Miranda-Castro, P., Munoz, M. D., Aguirre-Campa, L. E., Perez-Ramirez, G., Garcia-Ramirez, R. & Montoya, J. (2012). Novel 7630-Base Pair Mitochondrial Dna Deletion in a Mexican Patient Having Kearns-Sayre Syndrome. [Febs Journal](#), 279, 94.
- 81 Muniz, A., Perez, R. & Flores, L. (2012). Hexane Extract of the Seeds Oy Byrsonima Crassifolia Accelerates Wound Healing in Streptozotocin-Induced Diabetic Ratas. [Planta Medica](#), 78(11), 1168.
- 82 Muniz, A., Perez, R. & Li, F. (2012). Evaluation of Anti-Inflammatory Activity of the Hexane Extract of Seeds of Byrsonima Crassifolia in Experimental Animal Models. [Planta Medica](#), 78(11), 1191.
- 83 Nieto-Alamilla, G., Escamilla-Sanchez, J., Gonzalez-Pantoja, R. & Arias-Montano, J. A. (2012). Inhibition of Depolarization-Evoked [H-3]-Dopamine Release by the Activation of the Human Histamine H-3 Receptors of 445 and 365 Amino Acids Expressed in Human Neuroblastoma Sh-Sy5y Cells. [Inflammation Research](#), 61, S57-S58.
- 84 Suarez-Ortiz, G. A., Cerda-Garcia-Rojas, C. M. & Pereda-Miranda, R. (2012). Absolute Configuration and Conformation of Brevipolides, Cytotoxic Compounds From Hyptis Brevipes. [Planta Medica](#), 78(11), 1275.

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

- 85 Martinez-Fong, D. I., Bannon, M. J., Trudeau, L.-E., Gonzalez-Barrios, J. A., Arango-Rodriguez, M. L., Hernandez-Chan, N. G., Reyes-Corona, D., Armendariz-Borunda, J., & Navarro-Quiroga, I. (2012). NTS-Polyplex: a potential nanocarrier for neurotrophic therapy of Parkinson's disease. [Nanomedicine: Nanotechnology, Biology and Medicine](#), 8(7), 1052-1069.
- 86 Molina-Hernandez, A., Diaz, N. F. & Arias-Montano, J. A. (2012). Histamine in Brain Development. [Journal of Neurochemistry](#), 122(5), 872-882.

ARTÍCULOS DEL MES DE OCTUBRE 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 angular correlations of jets at root s=1.96 TeV and determination of the strong coupling at high momentum transfers. [Physics Letters B](#), 718(1), 56-63.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Search for Z Gamma Events With Large Missing Transverse Energy in P(P)Over-Bar Collisions at Root S = 1.96 Tev. [Physical Review D](#), 86(7), 071701.
- 3 Abelev, B., Abrahantes Quintana, A., Adamov+í, D. et al. (2012). Neutral pion and n meson production in proton-proton collisions at root s=0.9 TeV and root S=7 TeV. [Physics Letters B](#), 717(1-3), 162-172.
- 4 Abelev, B., Adam, J., Adamova, D. et al. (2012). K°sK°s correlations in pp collisions at root S = 7 TeV from the LHC ALICE experiment. [Physics Letters B](#), 717(1-3), 151-161.
- 5 Adame, M. F., Wright, S. F., Grinham, A., Lobb, K., Reymond, C. E. & Lovelock, C. E. (2012). Terrestrial-Marine Connectivity: Patterns of Terrestrial Soil Carbon Deposition in Coastal Sediments Determined by Analysis of Glomalin Related Soil Protein. [Limnology and Oceanography](#), 57(5), 1492-1502.
- 6 Adriano, M. D., Gutierrez, F., Dendooven, L. & Salvador-Figueroa, M. (2012). Influence of Compost and Liquid Bioferment on the Chemical and Biological Characteristics of Soil Cultivated With Banana (Musa Spp. L.). [Journal of Soil Science and Plant Nutrition](#), 12(1), 33-43.
- 7 Alvarado, M. & Rendon, A. Y. (2012). Nash Equilibrium for Collective Strategic Reasoning. [Expert Systems With Applications](#), 39(15), 12014-12025.
- 8 Alvarez-Venegas, R. & Avramova, Z. (2012). Evolution of the Pwfp-Domain Encoding Genes in the Plant and Animal Lineages. [Bmc Evolutionary Biology](#), 12, 101.
- 9 Amaya, C., Caicedo, J. C., Yanez-Limon, J. M., Vargas, R. A., Zambrano, G., Gomez, M. E., & Prieto, P. (2012). A non-destructive method for determination of thermal conductivity of YSZ coatings deposited on Si substrates. [Materials Chemistry and Physics](#), 136(2-3), 917-924.
- 10 Arcos-Ramos, R., Rodriguez-Molina, B., Romero, M., Mendez-Stivalet, J. M., Ochoa, M. E., Ramirez-Montes, P. I., Santillan, R., Garcia-Garibay, M. A. & Farfan, N. (2012). Synthesis and Evaluation of Molecular Rotors With Large and Bulky Tert-Butyldiphenylsilyloxy-Substituted Trityl Stators. [Journal of Organic Chemistry](#), 77(16), 6887-6894.
- 11 Arrevillaga, G., Gaona, J., Sanchez, C., Rosales, V. & Gomez, B. (2012). Respiratory Syncytial Virus Persistence in Macrophages Downregulates Intercellular Adhesion Molecule-1 Expression and Reduces Adhesion of Non-Typeable Haemophilus Influenzae. [Intervirology](#), 55(6), 442-450.

- 12 Avila-George, H., Torres-Jimenez, J., Rangel-Valdez, N., Carrion, A. & Hernandez, V. (2012). Supercomputing and Grid Computing on the Verification of Covering Arrays. [Journal of Supercomputing](#), 62(2), 916-945.
- 13 Azorin, E., Solano-Agama, C. & Mendoza-Garrido, M. E. (2012). The invasion mode of GH3 cells is conditioned by collagen subtype, and its efficiency depends on cell-cell adhesion. [Archives of Biochemistry and Biophysics](#), 528(2), 148-155.
- 14 Baquero, R., Rodriguez, J., Mendoza, S., Decouchant, D. & Papis, A. P. M. (2012). Funblocks. A Modular Framework for Ami System Development. [Sensors](#), 12(8), 10259-10291.
- 15 Barranco, J., Miranda, O. G., Moura, C. A. & Parada, A. (2012). A reduction in the UHE neutrino flux due to neutrino spin precession. [Physics Letters B](#), 718(1), 26-29.
- 16 Beltran, J. Q. & Gutierrez, R. (2012). Co-Release of Glutamate and Gaba From Single, Identified Mossy Fibre Giant Boutons. [Journal of Physiology-London](#), 590(19), 4789-4800.
- *17 Bonilla-Rosso, G., Peimbert, M., Alcaraz, L. D., Hernandez, I., Eguiarte, L. E., Olmedo-Alvarez, G. & Souza, V. (2012). Comparative Metagenomics of Two Microbial Mats at Cuatro Cienegas Basin II: Community Structure and Composition in Oligotrophic Environments. [Astrobiology](#), 12(7), 659-673.
- 18 Bueno-Carrazco, J., Castro-Leyva, V., Garcia-Gomez, F., Solis-Paredes, M., Ramon-Gallegos, E., Cruz-Orea, A., Eguia-Aguilar, P. & Arenas-Huertero, F. (2012). Sodium Butyrate Increases the Effect of the Photodynamic Therapy: a Mechanism That Involves Modulation of Gene Expression and Differentiation in Astrocytoma Cells. [Childs Nervous System](#), 28(10), 1723-1730.
- 19 Carmona-Espindola, J., Flores-Moreno, R. & Koster, A. M. (2012). Static and Dynamic First Hyperpolarizabilities From Time-Dependent Auxiliary Density Perturbation Theory. [International Journal of Quantum Chemistry](#), 112(21), 3461-3471.
- 20 Casarin, R. S., Martinez, G. R., Marino-Tapia, I., Vanegas, G. P., Baldwin, E. M. & Mancera, E. E. (2012). Manmade Vulnerability of the Cancun Beach System: the Case of Hurricane Wilma. [Clean-Soil Air Water](#), 40(9), 911-919.
- 21 Celada, M. & Montesinos, M. (2012). Lorentz-Covariant Hamiltonian Analysis of Bf Gravity With the Immirzi Parameter. [Classical and Quantum Gravity](#), 29(20), 205010.
- 22 Cerdeira, A., Estrada, M., Soto-Cruz, B. S. & Iniguez, B. (2012). Modeling the behavior of amorphous oxide thin film transistors before and after bias stress. [Microelectronics Reliability](#), 52(11), 2532-2536.
- 23 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Cross Section for Production of B(B)Over-Bar Decaying to Muons in Pp Collisions at Root S=7tev. [Journal of High Energy Physics](#), (6), 110.

- 24 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Electron Charge Asymmetry in Inclusive W Production in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 109(11), 111806.
- 25 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Mass Difference Between Top and Antitop Quarks. [Journal of High Energy Physics](#), (6), 109.
- 26 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Z/Gamma* Plus B-Jet Cross Section in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (6), 126.
- 27 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for a Light Charged Higgs Boson in Top Quark Decays in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (7), 143.
- 28 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for a Light Pseudoscalar Higgs Boson in the Dimuon Decay Channel in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 109(12), 121801.
- 29 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for a W' or Techni-Rho Decaying Into Wz in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 109(14), 141801.
- 30 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Anomalous Production of Multilepton Events in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (6), 169.
- 31 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Pair Production of First- and Second-Generation Scalar Leptoquarks in Pp Collisions at Root S=7 Tev. [Physical Review D](#), 86(5), 052013.
- 32 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Physics Beyond the Standard Model in Events With a Z Boson, Jets, and Missing Transverse Energy in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 716(2), 260-284.
- 33 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Shape, Transverse Size, and Charged-Hadron Multiplicity of Jets in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (6), 160.
- 34 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Study of W Boson Production in Pbpb and Pp Collisions at Root S(Nn)=2.76 Tev. [Physics Letters B](#), 715(1-3), 66-87.
- 35 Chavez, E., Castro-Sanchez, L., Shibayama, M., Tsutsumi, V., Moreno, M. G. & Muriel, P. (2012). Sulfasalazine Prevents the Increase in Tgf-Beta, Cox-2, Nuclear Nf Kappa B Translocation and Fibrosis in Ccl4-Induced Liver Cirrhosis in the Rat. [Human & Experimental Toxicology](#), 31(9), 913-920.
- 36 Cordero, R., Cruz, M., Molgado, A. & Rojas, E. (2012). Modified Geodetic Brane Cosmology. [Classical and Quantum Gravity](#), 29(17), 175010.

- 37 Covaci, O. I., Sassolas, A., Alonso, G. A., Munoz, R., Radu, G. L., Bucur, B. & Marty, J. L. (2012). Highly Sensitive Detection and Discrimination of Lr and Yr Microcystins Based on Protein Phosphatases and an Artificial Neural Network. *Analytical and Bioanalytical Chemistry*, 404(3), 711-720.
- 38 Davis, M. P. A., Abreu-Goodger, C., Van Dongen, S. et al. (2012). Large-Scale Identification of Microrna Targets in Murine Dgcr8-Deficient Embryonic Stem Cell Lines. *Plos One*, 7(8), e41762.
- 39 Diaz-Banez, J. M., Fabila-Monroy, R., Flores-Penaloza, D., Heredia, M. A. & Urrutia, J. (2012). Min-Energy Broadcast in Mobile Ad Hoc Networks With Restricted Motion. *Journal of Combinatorial Optimization*, 24(4), 413-426.
- 40 Edvinsson, L., Villalon, C. M. & MaassenVanDenBrink, A. (2012). Basic mechanisms of migraine and its acute treatment. *Pharmacology & Therapeutics*, 136(3), 319-333.
- 41 Espinosa Neira, R. & Perez-Salazar, E. (2012). Native type IV collagen induces an epithelial to mesenchymal transition-like process in mammary epithelial cells MCF10A. *The International Journal of Biochemistry & Cell Biology*, 44(12), 2194-2203.
- 42 Espinosa-Padilla, S. E., Murata, C., Estrada-Parra, S., Santos-Argumedo, L., Mascarenas, C., Franco-Paredes, C. & Espinosa-Rosales, F. J. (2012). Immunogenicity of a 23-Valent Pneumococcal Polysaccharide Vaccine Among Mexican Children. *Archives of Medical Research*, 43(5), 402-405.
- 43 Ezeta-Mejia, A., Solorza-Feria, O., Dorantes-Rosales, H. J., Lopez, J. M. H. & Arce-Estrada, E. M. (2012). Electrocatalytic Properties of Bimetallic Surfaces for the Oxygen Reduction Reaction. *International Journal of Electrochemical Science*, 7(9), 8940-8957.
- 44 Fiallo-Olive, E., Hernandez-Zepeda, C., Trejo-Saavedra, D., Carrillo-Tripp, J., Rivera-Bustamante, R. F. & Martinez-Zubiaur, Y. (2012). Complete Genome and Pathogenicity of Tomato Yellow Leaf Distortion Virus, a Bipartite Begomovirus Infecting Tomato in Cuba. *European Journal of Plant Pathology*, 134(1), 13-21.
- 45 Flores-Leal, R., Jardon-Aguilar, H., Tirado-Mendez, A. & Acevo-Herrera, R. (2012). Reduced Microstrip Slot Multiband Antenna With a U-Shaped Resonator for Wlan Applications. *Microwave and Optical Technology Letters*, 54(12), 2684-2689.
- 46 Franco-Molina, M. A., Mendoza-Gamboa, E., Sierra-Rivera, C. A., Zapata-Benavides, P., Miranda-Hernandez, D. F., Chavez-Reyes, A., Rivera-Morales, L. G., Tamez-Guerra, R. & Rodriguez-Padilla, C. (2012). In Vitro and in Vivo Antitumoral Activity of Sodium Dichloroacetate (Dca-Na) Against Murine Melanoma. *African Journal of Microbiology Research*, 6(22), 4782-4796.
- 47 Gonzalez, T., Moreno, J. A. & Fridman, L. (2012). Variable Gain Super-Twisting Sliding Mode Control. *Ieee Transactions on Automatic Control*, 57(8), 2100-2105.
- 48 Gonzalez-Serrano, M. E., Estrada-Garcia, I., Mogica-Martinez, D. et al. (2012). Increased Pro-Inflammatory Cytokine Production After Lipopolysaccharide Stimulation in Patients With X-Linked Agammaglobulinemia. *Journal of Clinical Immunology*, 32(5), 967-974.

- 49 Gonzalez-Vazquez, R., Herrera-Gonzalez, S., Cordova-Espinoza, M. G., Zuniga, G., Giono-Cerezo, S., Hernandez-Hernandez, J. M. & Leon-Avila, G. (2012). Helicobacter Pylori: Detection of Icea1 and Icea2 Genes in the Same Strain in Mexican Isolates. [Archives of Medical Research](#), 43(5), 339-346.
- 50 Gupta, V., Sanchez-Colon, G. & Rajpoot, S. (2012). Sum Rules for Tetraquark Decay Coupling Constants With Broken Su(3) Symmetry. [Modern Physics Letters A](#), 27(29), 1250165.
- 51 Heil, M. (2012). Caterpillar Feeding Impairs an Indirect Defence: Costs or Strategy? [Functional Ecology](#), 26(5), 999-1000.
- 52 Hernandez-Zimbron, L. F., Luna-Munoz, J., Mena, R., Vazquez-Ramirez, R., Kubli-Garfias, C., Cribbs, D. H., Manoutcharian, K. & Gevorkian, G. (2012). Amyloid-Beta Peptide Binds to Cytochrome C Oxidase Subunit 1. [Plos One](#), 7(8), e42344.
- 53 Ibarra-Rodriguez, M., Dias, H. V. R., Jimenez-Perez, V. M., Munoz-Flores, B. M., Flores-Parra, A. & Sanchez, S. (2012). Dinuclear Tin(ii) Complex of a Bulky Cis-Oxamide: Synthesis, Characterization, Crystal Structure, and Dft Studies. [Zeitschrift Fur Anorganische Und Allgemeine Chemie](#), 638(10), 1486-1490.
- 54 Jimenez-Gonzalez, E., Avila-Ortiz, C. G., Gonzalez-Olvera, R., Vargas-Caporali, J., Dewynter, G. & Juaristi, E. (2012). Solution-phase synthesis of novel seven-membered cyclic dipeptides containing alpha- and Beta-amino acids. [Tetrahedron](#), 68(47), 9842-9852.
- 55 Jimenez-Lizarraga, M. & Poznyak, A. (2012). Necessary Conditions for Robust Stackelberg Equilibrium in a Multi-Model Differential Game. [Optimal Control Applications & Methods](#), 33(5), 595-613.
- *56 Klionsky, D. J., Abdalla, F. C., Abeliovich, H. et al. (2012). Guidelines for the Use and Interpretation of Assays for Monitoring Autophagy. [Autophagy](#), 8(4), 445-544.
- 57 Leyte-Lugo, M., Gonzalez-Andrade, M., Gonzalez, M. D., Glenn, A. E., Cerda-Garcia-Rojas, C. M. & Mata, R. (2012). (+)-Ascosalitoxin and Vermelhotin, a Calmodulin Inhibitor, From an Endophytic Fungus Isolated From *Hintonia Latiflora*. [Journal of Natural Products](#), 75(9), 1571-1577.
- 58 Lima-Hernandez, F. J., Beyer, C., Gomora-Arrati, P., Garcia-Juarez, M., Encarnacion-Sanchez, J. L., Etgen, A. M. & Gonzalez-Flores, O. (2012). Src kinase signaling mediates estrous behavior induced by 5Beta-reduced progestins, GnRH, prostaglandin E2 and vaginocervical stimulation in estrogen-primed rats. [Hormones and Behavior](#), 62(5), 579-584.
- 59 Lopez, H. H., Sarmiento, E., Pinto, M. V. & Villarreal, R. H. (2012). Parameterized Affine Codes. [Studia Scientiarum Mathematicarum Hungarica](#), 49(3), 406-418.
- 60 Lopez-Flores, L., Mendoza-Mendez, P., Sanchez-Diaz, L. E., Yeomans-Reyna, L. L., Vizcarra-Rendon, A., Perez-Angel, G., Chavez-Paez, M. & Medina-Noyola, M. (2012). Dynamic Equivalence Between Atomic and Colloidal Liquids. [Epl](#), 99(4), 46001.

- 61 Lopez-Perea, P., Schwarz, P. B., Figueroa, J. D. C. & Hernandez-Estrada, Z. J. (2012). Effect of Beta-glucans on viscoelastic properties of barley kernels and their relationship to structure and soluble dietary fibre. [Journal of Cereal Science](#), 56(3), 595-602.
- 62 Lopez-Valentin, D., Pulido-Cordoba, L. & Chavez-Reyes, A. (2012). An Easy Way to Distinguish Dna From Protein: an Experiment for General Chemistry. [Journal of Chemical Education](#), 89(10), 1333-1335.
- 63 Luna, A. L., Acosta-Saavedra, L. C., Martinez, M., Torres-Aviles, N., Gomez, R. & Caldero'n-Aranda, E. S. (2012). TLR4 is a target of environmentally relevant concentration of lead. [Toxicology Letters](#), 214(3), 301-306.
- 64 Marquez-Rubio, J. F., Del Muro-Cuellar, B., Velasco-Villa, M. & Alvarez-Ramirez, J. (2012). Stabilization Strategy for Unstable First Order Linear Systems With Large Time-Delay. [Asian Journal of Control](#), 14(5), 1171-1179.
- *65 Martinez-Antonio, A., Velazquez-Ramirez, D. A., Sanchez-Mondragon, J. & Santillan, M. (2012). Hierarchical Dynamics of a Transcription Factors Network in E-Coli. [Molecular Biosystems](#), 8(11), 2932-2936.
- 66 Martinez-Barnetche, J., Gomez-Barreto, R. E., Ovilla-Munoz, M. et al. (2012). Transcriptome of the Adult Female Malaria Mosquito Vector Anopheles Albimanus. [Bmc Genomics](#), 13, 207.
- 67 Martinez-Luis, S., Gomez, J. F., Spadafora, C., Guzman, H. M. & Gutierrez, M. (2012). Antitrypanosomal Alkaloids From the Marine Bacterium Bacillus Pumilus. [Molecules](#), 17(9), 11146-11155.
- 68 Martinez-Reyes, M., Perez-Moreno, J., Villarreal-Ruiz, L., Ferrero-Cerrato, R., Xoconostle-Cazares, B., Vargas-Hernandez, J. J. & Honrubia-Garcia, M. (2012). Growth and Nutrient Contents of Pinus Greggii Engelm. Inoculated With the Edible Ectomycorrhizal Mushroom Hebeloma Mesophaeum (Pers.) Quel. [Revista Chapingo Serie Ciencias Forestales y del Ambiente](#), 18(2), 183-192.
- *69 Mayen-Mondragon, R., Yanez-Limon, J. M., Espinoza-Beltran, F., Munoz-Saldana, J., Herrera-Gomez, A., Vargas-Ortiz, R. A., Ramirez-Bon, R. & Coronado, F. (2012). Following the Integration of Diamond Particles on the Lapping-Plate Surface: Towards a More Efficient Charging Process. [Journal of Tribology-Transactions of the Asme](#), 134(4), 042301.
- 70 Miranda-Hernandez, J., Castelan, M. & Torres-Mendez, L. A. (2012). Face Colour Synthesis Using Partial Least Squares and the Luminance-Alpha-Beta Colour Transform. [Iet Computer Vision](#), 6(4), 263-272.
- *71 Moreno-Letelier, A., Olmedo-Alvarez, G., Eguiarte, L. E. & Souza, V. (2012). Divergence and Phylogeny of Firmicutes From the Cuatro Cienegas Basin, Mexico: a Window to an Ancient Ocean. [Astrobiology](#), 12(7), 674-684.

- *72 Munoz, M. A., Areche, C., Rovirosa, J., San Martin, A., Gordillo-Roman, B. & Joseph-Nathan, P. (2012). Absolute Configuration of the Meroditerpenoids Taondiol and Epitaondiol Diacetates by Vibrational Circular Dichroism. [Heterocycles](#), 85(8), 1961-1973.
- *73 Murillo-Perez, R. P., Rodriguez-Estrello, C. B. & Cruz-Perez, F. (2012). Call Admission Control With Fractional Buffer Size. [Ieice Transactions on Communications](#), E85B(9), 2972-2975.
- 74 Ochoa, C. F., Baldwin, E. M., Casarin, R. S. & Martinez, G. R. (2012). Hydro-Morphologic Revision of the Cuautla Channel at Nayarit, Mexico. [Clean-Soil Air Water](#), 40(9), 920-925.
- *75 Peimbert, M., Alcaraz, L. D., Bonilla-Rosso, G., Olmedo-Alvarez, G., Garcia-Oliva, F., Segovia, L., Eguiarte, L. E. & Souza, V. (2012). Comparative Metagenomics of Two Microbial Mats at Cuatro Cienegas Basin I: Ancient Lessons on How to Cope With an Environment Under Severe Nutrient Stress. [Astrobiology](#), 12(7), 648-658.
- *76 Pena-Ortega, F., Solis-Cisneros, A., Ordaz, B., Balleza-Tapia, H. & Lopez-Guerrero, J. J. (2012). Amyloid Beta 1-42 Inhibits Entorhinal Cortex Activity in the Beta-Gamma Range: Role of Gsk-3. [Current Alzheimer Research](#), 9(7), 857-863.
- 77 Perez-Gomez, B., Mendoza-Hernandez, G., Cabellos-Avelar, T., Leyva-Castillo, L. E., Gutierrez-Cirlos, E. B. & Gomez-Lojero, C. (2012). A Proteomic Approach to the Analysis of the Components of the Phycobilisomes From Two Cyanobacteria With Complementary Chromatic Adaptation: Fremyella Diplosiphon Utex B590 and Tolypothrix Pcc 7601. [Photosynthesis Research](#), 114(1), 43-58.
- 78 Pool, H., Quintanar, D., Figueroa, J. D., Mano, C. M., Bechara, J. E. H., Godinez, L. A. & Mendoza, S. (2012). Antioxidant Effects of Quercetin and Catechin Encapsulated Into Plga Nanoparticles. [Journal of Nanomaterials](#), 2012, 145380.
- 79 Ramos-Leanos, O., Naredo, J. L., Mahseredjian, J., Dufour, C., Gutierrez-Robles, J. A. & Kocar, I. (2012). A Wideband Line/Cable Model for Real-Time Simulations of Power System Transients. [Ieee Transactions on Power Delivery](#), 27(4), 2211-2218.
- 80 Rendon, G., Poot, P., Oliva, A. I. & Espinosa-Faller, F. J. (2012). A Simple Substrate Heater Device With Temperature Controller for Thin Film Preparation. [Journal of Applied Research and Technology](#), 10(4), 549-556.
- 81 Rendon-Anaya, M., Delaye, L., Possani, L. D. & Herrera-Estrella, A. (2012). Global Transcriptome Analysis of the Scorpion Centruroides Noxius: New Toxin Families and Evolutionary Insights From an Ancestral Scorpion Species. [Plos One](#), 7(8), e43331.
- 82 Robles-Nunez, J., Chinas-Castillo, F., Sanchez-Rubio, M., Lara-Romero, J., Huirache-Acuna, R., Jimenez-Sandoval, S. & Alonso-Nunez, G. (2012). Improved Hydrothermal Synthesis of Mos2 Sheathed Carbon Nanotubes. [Chemical Papers](#), 66(12), 1130-1136.
- 83 Shedge, S. V., Pal, S. & Koster, A. M. (2012). Theoretical study of frequency and temperature dependence of dipole-quadrupole polarizability of P4 and adamantane. [Chemical Physics Letters](#), 552, 146-150.

- *84 Siebert, J. L., Souza, V., Eguiarte, L. & Olmedo-Alvarez, G. (2012). Microbial Stowaways: Inimitable Survivors or Hopeless Pioneers? [Astrobiology](#), 12(7), 710-715.
- 85 Sosol-Fernandez, R. E., Marin-Lizarraga, V. M., Rosales-Cruzaley, E. & Lapizco-Encinas, B. H. (2012). Cell Assessment in Microfluidic Devices. [Revista Mexicana de Ingenieria Quimica](#), 11(2), 227-248.
- 86 Tellez, L. A., Perez, I. O., Simon, S. A. & Gutierrez, R. (2012). Transitions Between Sleep and Feeding States in Rat Ventral Striatum Neurons. [Journal of Neurophysiology](#), 108(6), 1739-1751.
- 87 Tolomelli, A., Cardillo, G., Gentilucci, L., Juris, R., Viola, A. & Juaristi, E. (2012). Exploring the Reactivity of Alkylidene Malonamides: Synthesis of Polyfunctionalized Isoxazolidinones, Aziridines and Oxazolines. [Arkivoc](#), (5), 196-209.
- 88 Torres-Huitzil, C., Delgadillo-Escobar, M. & Nuno-Maganda, M. (2012). Comparison Between 2d Cellular Automata Based Pseudorandom Number Generators. [Ieee Electronics Express](#), 9(17), 1391-1396.
- 89 Tristan-Lopez, L., Perez-Alvarez, V., Perez-Severiano, F., Montes, S., Perez-Neri, I., Rivera-Espinosa, L. & Rios, C. (2012). Protective effect of N,N-dialkylated analogs of 4,4-diaminodiphenylsulfone in a model of intrastriatal quinolinic acid induced-excitotoxicity. [Neuroscience Letters](#), 528(1), 1-5.
- 90 Uribe, F. A. & Ramirez, A. (2012). Alternative Series-Based Solution to Approximate Pollaczek's Integral. [Ieee Transactions on Power Delivery](#), 27(4), 2425-2427.
- 91 Villa-Ruano, N., Pacheco-Hernandez, Y., Rubio-Rosas, E., Ruiz-Gonzalez, N., Cruz-Duran, R., Lozoya-Gloria, E., Zurita-Vasquez, G. & Franco-Monsreal, J. (2012). Alkaloid Profile, Antibacterial and Allelopathic Activities of Lupinus Jaimehintoniana Bl Turner (Fabaceae). [Archives of Biological Sciences](#), 64(3), 1065-1071.
- 92 Villegas-Comonfort, S., Serna-Marquez, N., Galindo-Hernandez, O., Navarro-Tito, N. & Salazar, E. P. (2012). Arachidonic Acid Induces an Increase of Beta-1,4-Galactosyltransferase I Expression in Mda-Mb-231 Breast Cancer Cells. [Journal of Cellular Biochemistry](#), 113(11), 3330-3341.
- 93 Vorobiev, Y. V., Mera, B., Vieira, V. R., Horley, P. P. & Gonzalez-Hernandez, J. (2012). Weak and Strong Confinements in Prismatic and Cylindrical Nanostructures. [Nanoscale Research Letters](#), 7, 371.
- *94 Zaidi, M. B., Mcdermott, P. F., Campos, F. D. et al. (2012). Antimicrobial-Resistant Campylobacter in the Food Chain in Mexico. [Foodborne Pathogens and Disease](#), 9(9), 841-847.
- 95 Zamora-Chimal, C., Santillan, M. & Rodriguez-Gonzalez, J. (2012). Influence of the Feedback Loops in the Trp Operon of *B. Subtilis* on the System Dynamic Response and Noise Amplitude. [Journal of Theoretical Biology](#), 310, 119-131.

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

- 96 Aquino-Miranda, G. & Arias-Montano, J. A. (2012). Neuromodulation and Histamine: Regulation by H-3 Receptors of Neurotransmitter Release. [Salud Mental](#), 35(4), 345-352.
- 97 Ornelas-Tellez, F., Sanchez, E. N. & Loukianov, A. G. (2012). Discrete-Time Neural Inverse Optimal Control for Nonlinear Systems Via Passivation. [Ieee Transactions on Neural Networks and Learning Systems](#), 23(8), 1327-1339.
- 98 Sanchez, I. T. & Cantoral, R. (2012). Social Construction of Mathematical Knowledge During the Isolation of Genes in a Toxicological Practice. [Bolema-Mathematics Education Bulletin-Boletim De Educacao Matematica](#), 26(42A), 311-328.

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

- 99 Esquivel, A., Gonzalez, R., Alberu, J., Gracida, C., Medeiros, M. & Castaneda-Hernandez, G. (2012). Intimidation Against Renal Transplantation Scientist. [Revista de Investigacion Clinica](#), 64(3), 215-219.
- 100 Hoskisson, P. A., Jones, A. L., Van Wezel, G. P. & Barona-Gomez, F. (2012). The Evolution of Actinomycetes: Papers From the 16th International Symposium on the Biology of Actinomycetes. [Antonie Van Leeuwenhoek International Journal of General and Molecular Microbiology](#), 102(3), 407-408.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

- 101 Albores-Garcia, D., Acosta-Saavedra, L. C. & Calderon-Aranda, E. S. (2012). Effect of Gestational and Pre-Pubertal Mehg Exposure on Nmda Receptor Signaling and Its Relationship With Learning and Memory Alterations in Adult Rats. [Journal of Neurochemistry](#), 122, 32.
- 102 Alcantara-Montiel, J. C., Berron-Ruiz, L., Lopez-Herrera, G., Espinosa-Rosales, F., Espinosa-Padilla, S. E. & Santos-Argumedo, L. (2012). Low Phosphorylation of Stat-3 in Patients With Hyper IgE Syndrome. [Journal of Clinical Immunology](#), 32, 278-279.
- 103 Alejo, N. R., Galicia, L. B., Nakashimada, M. Y., Rosales, F. E. & Argumedo, L. S. (2012). Novel Ifngr2 Mutation That Affects Its Cytoplasmic Domain. [Journal of Clinical Immunology](#), 32, 113.
- 104 Berron-Ruiz, L., Vargas-Hernandez, A., Lopez-Herrera, G. et al. (2012). Correlation of Class-Switched Memory B Cells and Co-Stimulatory Molecules Expression With Clinical Manifestations in Patients With Common Variable Immunodeficiency. [Journal of Clinical Immunology](#), 32, 279.
- *105 Castelan-Martinez, O. D., Rivas-Ruiz, R., Jimenez-Mendez, R., Rodriguez-Islas, F., Vazquez-Gomez, B. E., Marques-Avila, C. S., Castaneda-Hernandez, G. & Carleton, B. (2012). Hearing Loss in Mexican Children With Cancer Who Receive Cisplatin. [Drug Safety](#), 35(10), 953.

- 106 Flores-Mendez, M., Hernandez-Kelly, L. & Ortega, A. (2012). Glutamate-Dependent Translational Control in Bergmann Glia Cells: Rps6 Phosphorylation. *Journal of Neurochemistry*, 122, 17.
- 107 Gonzalez-Serrano, M., Estrada-Garcia, I., Mogica-Martinez, D. et al. (2012). Increased Pro-Inflammatory Cytokine Production After Lipopolysaccharide Stimulation in Patients With X-Linked Agammaglobulinemia. *Journal of Clinical Immunology*, 32, 38-39.
- 108 Kade, I. J., Granados-Soto, V. & Rocha-Gonzalez, H. I. (2012). Involvement of Serotonergic Receptors in the Antinociceptive Effect of Sesamin Isolated from Sesamum Indicum. *Free Radical Biology and Medicine*, 53, Supplement 2(0), S67.
- *109 Jimenez-Mendez, R., Castaneda-Hernandez, G., Rivas, R., Ross, C. & Carleton, B. (2012). Adverse Drug Reaction Surveillance and Pharmacogenomic Assessment: Using the Canadian Pharmacogenomic Network for Drug Safety (Cpnds) Methodology to Improve the Health of Mexican Children. *Drug Safety*, 35(10), 953-954.
- 110 Jorge, J. G. C., Sanchez-Alonso Same, Palomares-Ordonez Pojl, Hong, H. E., Perez-Tapia, P. T. M. & Jimenez-Martinez Jmmc. (2012). Cd4+Cd25+Foxp3+T Cells Are Decreased in Patients With Allergic Conjunctivitis. *Immunology*, 137, 440-441.
- 111 Loera-Rosales, M. J., Albores-Garcia, D., Torres-Aviles, N., Acosta-Saavedra, L. & Calderon-Aranda, E. S. (2012). Effect of Methylmercury on Protein Ncam and Its Relationship With Neuronal Migration. *Journal of Neurochemistry*, 122, 32.
- 112 Mendoza, M. P. M., Cisneros-Franco, J. M., Martinez, A. R., Vanegas, M. A. A. & Rocha, L. L. (2012). Dopamine Receptors in Neocortex of Patients With Temporal Lobe Epilepsy: Correlations With Memory Disturbances. *Epilepsia*, 53, 21.
- 113 Moncada-Velez, M., Kong, X. F., Blancas-Galicia, L. et al. (2012). A Severe Form of Partial Ifn-Gamma R2 Deficiency. *Journal of Clinical Immunology*, 32, 97-98.
- 114 Pena, X. A., Meza, H. Z., Alor, R. O. et al. (2012). Jak3 Enables T Cell Migration Towards Chemokines Via Cofilin-1 and Rhoa. *Immunology*, 137, 376-377.
- 115 Vargas-Hernandez, A., Berron-Ruiz, L., Staines-Boone, T., Zarate-Hernandez, M. D. C., Cordova-Calderon, W. O., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2012). Clinical and Genetic Analysis of Patients With X-Linked Hyper IgM Syndrome. *Journal of Clinical Immunology*, 32, 336.

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

116 Szabo, S. M., Bibby, M., Yuan, Y., Donato, B. M. K., Jimenez-Mendez, R., Castaneda-Hernandez, G., Rodriguez-Torres, M. & Levy, A. R. (2012). The Epidemiologic Burden of Hepatitis C Virus Infection in Latin America. [Annals of Hepatology](#), 11(5), 623-635.



ARTÍCULOS DEL MES DE NOVIEMBRE 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). Limits on anomalous trilinear gauge boson couplings from WW, WZ and Wgamma production in pp [over bar] collisions at root S=1.96 TeV. [Physics Letters B](#), 718(2), 451-459.
- 2 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Measurement of the Semileptonic Charge Asymmetry in B-0 Meson Mixing With the D0 Detector. [Physical Review D](#), 86(7), 072009.
- 3 Abelev, B., Adam, J., Adamova, D. et al. (2012). D(+)s meson production at central rapidity in proto-proton collisions at root s=7 TeV. [Physics Letters B](#), 718(2), 279-294.
- 4 Abelev, B., Adam, J., Adamova, D. et al. (2012). Inclusive J/Psi production in pp collisions at root S=2.76 TeV. [Physics Letters B](#), 718(2), 295-306.
- *5 Aguilar-Zavala, H., Perez-Luque, E. L., Luna-Martinez, F., Bassol-Mayagoitia, S., Canto-De-Cetina, T., Lopez-Conesa, M. & Malacara, J. M. (2012). Symptoms at Postmenopause: Genetic and Psychosocial Factors. [Menopause-the Journal of the North American Menopause Society](#), 19(10), 1140-1145.
- 6 Aguilera, S., De La Torre-Zavala, S., Hernandez-Flores, J. L., Murillo, J., Bravo, J. & Alvarez-Morales, A. (2012). Expression of the Gene for Resistance to Phaseolotoxin (Argk) Depends on the Activity of Genes Phtabc in Pseudomonas Syringae Pv. Phaseolicola. [Plos One](#), 7(10), e46815.
- * 7 Bahri, A., Bendersky, M., Cohen, F. R. & Gitler, S. (2012). Cup-Products for the Polyhedral Product Functor. [Mathematical Proceedings of the Cambridge Philosophical Society](#), 153, 457-469.
- 8 Barranco, J., Bolanos, A., Garces, E. A., Miranda, O. G. & Rashba, T. I. (2012). Tensorial Nsi and Unparticle Physics in Neutrino Scattering. [International Journal of Modern Physics A](#), 27(25), 1250147.
- 9 Barron-Zambrano, J. H., Torres-Huitzil, C. & Girau, B. (2012). Configurable Embedded Cpg-Based Control for Robot Locomotion Regular Paper. [International Journal of Advanced Robotic Systems](#), 9, 100.
- 10 Bauer, W. & Vasilevski, N. (2012). On the Structure of a Commutative Banach Algebra Generated by Toeplitz Operators With Quasi-Radial Quasi-Homogeneous Symbols. [Integral Equations and Operator Theory](#), 74(2), 199-231.
- *11 Begovich, O., Pizano-Moreno, A. & Besancon, G. (2012). Online Implementation of a Leak Isolation Algorithm in a Plastic Pipeline Prototype. [Latin American Applied Research](#), 42(2), 131-140.

- 12 Briones-Fourzan, P., Candia-Zulbaran, R. I., Negrete-Soto, F., Barradas-Ortiz, C., Huchin-Mian, J. P. & Lozano-Alvarez, E. (2012). Influence of Local Habitat Features on Disease Avoidance by Caribbean Spiny Lobsters in a Casita-Enhanced Bay. [Diseases of Aquatic Organisms](#), 100(2), 135-148.
- 13 Burgueno-Tapia, E., Ordaz-Pichardo, C., Buendia-Trujillo, A. I., Chargoy-Antonio, F. J. & Joseph-Nathan, P. (2012). Structure and absolute configuration of a visamminol derivative using IR and vibrational circular dichroism. [Phytochemistry Letters](#), 5(4), 804-808.
- 14 Calaminici, P., Dominguez-Soria, V. D. & Koster, A. M. (2012). Comparison of Molecular Graphs of Li-N, Na-N and Cu-N (N=2-5) Clusters Obtained From the Density and the Molecular Electrostatic Potential. [International Journal of Quantum Chemistry](#), 112(22), 3624-3629.
- 15 Carrillo, L. R. G., Dzul, A. & Lozano, R. (2012). Hovering Quad-Rotor Control: a Comparison of Nonlinear Controllers Using Visual Feedback. [Ieee Transactions on Aerospace and Electronic Systems](#), 48(4), 3159-3170.
- 16 Castaneda-Corral, G., Rocha-Gonzalez, H. I., Araiza-Saldana, C. I., Vidal-Cantu, G. C., Jimenez-Andrade, J. M., Murbartian, J. & Granados-Soto, V. (2012). Blockade of Peripheral and Spinal Na⁺/H⁺ Exchanger Increases Formalin-Induced Long-Lasting Mechanical Allodynia and Hyperalgesia in Rats. [Brain Research](#), 1475, 19-30.
- 17 Castillo, E. C., Hernandez-Cueto, M. A., Vega-Lopez, M. A., Lavalle, C., Kouri, J. B. & Ortiz-Navarrete, V. (2012). Effects of Vitamin D Supplementation During the Induction and Progression of Osteoarthritis in a Rat Model. [Evidence-Based Complementary and Alternative Medicine](#), 2012, 156563.
- *18 Castro-Borges, P., Balancan-Zapata, M., Quintana-Owen, P. & Maldonado-Bandala, E. (2012). Corrosion in Steel Decks Caused by the Environment and Inadequate Construction. [Materials Performance](#), 51(10), 56-60.
- 19 Ceballos-Sanchez, O., Sanchez-Martinez, A., Vazquez-Lepe, M. O., Duong, T., Arroyave, R., Espinosa-Magana, F. & Herrera-Gomez, A. (2012). Mass Transport and Thermal Stability of Tin/Al₂O₃/Ingaas Nanofilms. [Journal of Applied Physics](#), 112(5), 053527.
- 20 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Lambda(B) Cross Section and the (Lambda)Over-Bar(B) to Lambda(B) Ratio With J/Psi Lambda Decays in Pp Collisions at Root S=7 Tev Cms Collaboration. [Physics Letters B](#), 714(2-5), 136-157.
- 21 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Pseudorapidity and Centrality Dependence of the Transverse Energy Density in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review Letters](#), 109(15), 152303.
- 22 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Narrow Resonances in Dilepton Mass Spectra in Pp Collisions at Root S=7 Tev Cms Collaboration. [Physics Letters B](#), 714(2-5), 158-179.

- 23 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Supersymmetry in Events With B-Quark Jets and Missing Transverse Energy in Pp Collisions at 7 Tev. [Physical Review D](#), 86(7), 072010.
- 24 Cordova-Campos, O., Adame-Alvarez, R. M., Acosta-Gallegos, J. A. & Heil, M. (2012). Domestication Affected the Basal and Induced Disease Resistance in Common Bean (*Phaseolus Vulgaris*). [European Journal of Plant Pathology](#), 134(2), 367-379.
- *25 Correa-Basurto, J., Ramos-Morales, F. R., Matus, M. H., Rosales-Hernandez, M. C., Mancilla-Percino, T., Trujillo-Ferrara, J. & Ilizaliturri-Flores, I. (2012). Docking and Dft Studies to Explore the Topoisomerase Ii Atp Pocket Employing 3-Substituted 2,6-Piperazindiones for Drug Design. [Molecular Simulation](#), 38(13), 1072-1084.
- 26 Debnath, A., Tunac, J. B., Galindo-Gomez, S., Silva-Olivares, A., Shibayama, M. & Mckerrow, J. H. (2012). Corifungin, a New Drug Lead Against Naegleria, Identified From a High-Throughput Screen. [Antimicrobial Agents and Chemotherapy](#), 56(11), 5450-5457.
- 27 Del Campo, J. M., Gazquez, J. L., Alvarez-Mendez, R. J. & Vela, A. (2012). The Reduced Density Gradient in Atoms. [International Journal of Quantum Chemistry](#), 112(22), 3594-3598.
- 28 Flores, R. O., Martinez, A. M., Simon, J. L. O., Escamirosa, F. P. & Hernandez, J. D. P. (2012). Early Experience in Mechatronic-Assisted Laparoscopic Heller Esophagomyotomy. [Scandinavian Journal of Gastroenterology](#), 47(11), 1394-1395.
- 29 Garcia-Quiroz, J., Garcia-Becerra, R., Barrera, D. et al. (2012). Astemizole Synergizes Calcitriol Antiproliferative Activity by Inhibiting Cyp24a1 and Upregulating Vdr: a Novel Approach for Breast Cancer Therapy. [Plos One](#), 7(9), e45063.
- 30 Gomez, W., Pereira, W. C. A. & Infantosi, A. F. C. (2012). Analysis of Co-Occurrence Texture Statistics as a Function of Gray-Level Quantization for Classifying Breast Ultrasound. [Ieee Transactions on Medical Imaging](#), 31(10), 1889-1899.
- 31 Gomez-Alvarez, M., Poznyak, T., Rios-Leal, E. & Silva-Sanchez, C. (2012). Anthracene decomposition in soils by conventional ozonation. [Journal of Environmental Management](#), 113, 545-551.
- 32 Gonzalez-Teuber, M., Bueno, J. C. S., Heil, M. & Boland, W. (2012). Increased Host Investment in Extrafloral Nectar (EfN) Improves the Efficiency of a Mutualistic Defensive Service. [Plos One](#), 7(10), e46598.
- 33 Guzman-Medrano, R., Arreola-Rosales, R. L., Shibayama, M., Silva-Olivares, D. A., Bologna-Molina, R. & Rodriguez, M. A. (2012). Tumor-associated macrophages and angiogenesis: A statistical correlation that could reflect a critical relationship in ameloblastoma. [Pathology Research and Practice](#), 208(11), 672-676.
- 34 Hernandez, S. C., Sanchez, E. N. & Beteau, J. F. (2012). Fuzzy Control Structure for an Anaerobic Fluidised Bed. [International Journal of Control](#), 85(12), 1898-1912.

- 35 Hernandez-Martinez, E. G. & Bricaire, E. A. (2012). Non-Collision Conditions in Multi-Agent Virtual Leader-Based Formation Control. [International Journal of Advanced Robotic Systems](#), 9, 92.
- 36 Hernandez-Onate, M. A., Esquivel-Naranjo, E. U., Mendoza-Mendoza, A., Stewart, A. & Herrera-Estrella, A. H. (2012). An Injury-Response Mechanism Conserved Across Kingdoms Determines Entry of the Fungus Trichoderma Atroviride Into Development. [Proceedings of the National Academy of Sciences of the United States of America](#), 109(37), 14918-14923.
- 37 Huang, F.; Del Rio-Navarro, B. E.; Alcantara, S.T.; Ontiveros, J. A.; Cienfuegos, D. R.; Bello Gonzalez, S. A.; Villafana, S.; Bravo, G. & Hong, E. (2012). Plasminogen Activator Inhibitor-1, Fibrinogen, and Lung Function in Adolescents with Asthma and Obesity. [Endocrine Research](#), 37(3), 135-144.
- *38 Ibarra-Lara, L., Hong, E., Soria-Castro, E. et al. (2012). Clofibrate Ppar Alpha Activation Reduces Oxidative Stress and Improves Ultrastructure and Ventricular Hemodynamics in No-Flow Myocardial Ischemia. [Journal of Cardiovascular Pharmacology](#), 60(4), 323-334.
- 39 Jardon-Aguilar, H.; Tirado-Mendez, J. A.; Flores-Leal, R. & Andrade-Gonzalez, E. A. (2012). Novel dual band resonant cylindrical hat-covered monopole for personal communications. [Wireless Personal Communications](#), 62(2), 379-386.
- 40 Jimenez, C. P., Huchin-Mian, J. P., Simoes, N. et al. (2012). Physiological and Immunological Characterization of Caribbean Spiny Lobsters Panulirus Argus Naturally Infected With Panulirus Argus Virus 1 (Pav1). [Diseases of Aquatic Organisms](#), 100(2), 113-124.
- 41 Khmelnytskaya, K. V., Kravchenko, V. V. & Baldenebro-Obeso, J. A. (2012). Spectral parameter power series for fourth-order Sturm-Liouville problems. [Applied Mathematics and Computation](#), 219(8), 3610-3624.
- 42 Kuk-Dzul, J. G., Gold-Bouchot, G. & Ardisson, P.-L. (2012). Benthic infauna variability in relation to environmental factors and organic pollutants in tropical coastal lagoons from the northern Yucatan Peninsula. [Marine Pollution Bulletin](#), 64(12), 2725-2733.
- 43 Lopera-Mesa, T. M., Mita-Mendoza, N. K., Van De Hoef, D. L. et al. (2012). Plasma Uric Acid Levels Correlate With Inflammation and Disease Severity in Malian Children With Plasmodium Falciparum Malaria. [Plos One](#), 7(10), e46424.
- 44 Lopez-Colome, A. M., Martinez-Lozada, Z., Guillem, A. M., Lopez, E. & Ortega, A. (2012). Glutamate Transporter-Dependent Mtor Phosphorylation in Muller Glia Cells. [Asn Neuro](#), 4(5), 331-342.
- 45 Lopez-Rosas, I., Orozco, E., Marchat, L. A. et al. (2012). Mrna Decay Proteins Are Targeted to Poly(a)(+) Rna and Dsrna-Containing Cytoplasmic Foci That Resemble P-Bodies in Entamoeba Histolytica. [Plos One](#), 7(9), e45966.

- 46 Manko, V. S. & Ruiz, E. (2012). Schwarzschild Black Hole Levitating in the Hyperextreme Kerr Field. [General Relativity and Gravitation](#), 44(11), 2891-2899.
- 47 Marsch-Martinez, N., Ramos-Cruz, D., Reyes-Olalde, J. I., Lozano-Sotomayor, P., Zuniga-Mayo, V. M. & De Folter, S. (2012). The Role of Cytokinin During Arabidopsis Gynoecia and Fruit Morphogenesis and Patterning. [Plant Journal](#), 72(2), 222-234.
- 48 Martinez-Bernal, J. & Villarreal, R. H. (2012). Toric Ideals Generated by Circuits. [Algebra Colloquium](#), 19(4), 665-672.
- 49 Merino, G. & Heine, T. (2012). And Yet It Rotates: the Starter for a Molecular Wankel Motor. [Angewandte Chemie-International Edition](#), 51(41), 10226-10227.
- 50 Miller, W., Schuster, S. C., Welch, A. J. et al. (2012). Polar and Brown Bear Genomes Reveal Ancient Admixture and Demographic Footprints of Past Climate Change. [Proceedings of the National Academy of Sciences of the United States of America](#), 109(36), E2382-E2390.
- 51 Mimila-Arroyo, J., Morales, E. & Lusson, A. (2012). Method to Probe the Electrical Activity of Dislocations in Non-Intentionally Doped N-Gan. [Materials Science and Engineering B-Advanced Functional Solid-State Materials](#), 177(16), 1487-1490.
- 52 Montero-Ocampo, C., Gago, A., Abadias, G., Gombert, B. & Alonso-Vante, N. (2012). In Situ Photoelectrochemical/Photocatalytic Study of a Dye Discoloration in a Microreactor System Using TiO₂ Thin Films. [Environmental Science and Pollution Research](#), 19(9), 3751-3762.
- 53 Morales-Acevedo, A., Hernandez-Como, N. & Casados-Cruz, G. (2012). Modeling Solar Cells: a Method for Improving Their Efficiency. [Materials Science and Engineering B-Advanced Functional Solid-State Materials](#), 177(16), 1430-1435.
- 54 Poggi-Varaldo, H. M., Barcenas-Torres, J. D., Moreno-Medina, C. U., Garcia-Mena, J., Garibay-Orijel, C., Rios-Leal, E. & Rinderknecht-Seijas, N. (2012). Influence of discontinuing feeding degradable cosubstrate on the performance of a fluidized bed bioreactor treating a mixture of trichlorophenol and phenol. [Journal of Environmental Management](#), 113, 527-537.
- 55 Rios, H., Davila, J. & Fridman, L. (2012). High-order sliding mode observers for nonlinear autonomous switched systems with unknown inputs. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 349(10), 2975-3002.
- 56 Roa-Coria, J. E., Navarrete-Vazquez, G., Fowler, C. J., Flores-Murrieta, F. J., Deciga-Campos, M. & Granados-Soto, V. (2012). N-(4-Methoxy-2-nitrophenyl)hexadecanamide, a palmitoylethanolamide analogue, reduces formalin-induced nociception. [Life Sciences](#), 91(25-26), 1288-1294.
- *57 Romero, H., Salazar, S. & Lozano, R. (2012). Visual Servoing Applied to Real-Time Stabilization of a Multi-Rotor Uav. [Robotica](#), 30, 1203-1212.

58 Salazar, R., Arambula-Villa, G., Vazquez-Landaverde, P. A., Hidalgo, F. J. & Zamora, R. (2012). Mitigating Effect of Amaranth (*Amarantus Hypochondriacus*) Protein on Acrylamide Formation in Foods. [Food Chemistry](#), 135(4), 2293-2298.

59 Santana-Pineros, A. M., Pech, D. & Vidal-Martinez, V. M. (2012). Spatial Structure of the Helminth Parasite Communities of the Tonguefish, *Syphurus Plagiusa*, From the Campeche Coast, Southern Mexico. [International Journal for Parasitology](#), 42(10), 911-920.

60 Sierra, E. I., Chavez, J. D., Cortes-Malagon, E. M., Uribe-Figueroa, L., Hidalgo-Miranda, A., Lambert, P. F. & Gariglio, P. (2012). Differential Gene Expression Between Skin and Cervix Induced by the E7 Oncoprotein in a Transgenic Mouse Model. [Virology](#), 433(2), 337-345.

61 Trujano, M. A., Garrido, R. & Soria, A. (2012). Robust Visual Control of Parallel Robots Under Uncertain Camera Orientation Regular Paper. [International Journal of Advanced Robotic Systems](#), 9, 106.

62 Vales-Pinzon, C., Ordóñez-Miranda, J. & Alvarado-Gil, J. J. (2012). Photothermal Characterization of the Thermal Properties of Materials Using Four Characteristic Modulation Frequencies in Two-Layer Systems. [Journal of Applied Physics](#), 112(6), 064909.

63 Vargas-Díaz, M. E., Mendoza-Figueroa, H. L., Fragozo-Vazquez, M. J., Ayala-Mata, F., Joseph-Nathan, P. & Zepeda, L. G. (2012). Synthesis of acyldodecaheterocycles derived from (1R)-(-)-myrtenal and evaluation as chiral auxiliaries. [Tetrahedron: Asymmetry](#), 23(22-23), 1588-1595.

64 Vidaurre, D., Rodriguez, E. E., Bielza, C., Larrañaga, P. & Rudomin, P. (2012). A New Feature Extraction Method for Signal Classification Applied to Cord Dorsum Potential Detection. [Journal of Neural Engineering](#), 9(5), 056009.

65 Vorobiev, Y. V., Horley, P. P., Hernandez-Borja, J., Esparza-Ponce, H. E., Ramirez-Bon, R., Vorobiev, P., Perez, C. & Gonzalez-Hernandez, J. (2012). The Effects of Porosity on Optical Properties of Semiconductor Chalcogenide Films Obtained by the Chemical Bath Deposition. [Nanoscale Research Letters](#), 7, 483.

66 Wilson, H. J., Dickinson, F., Hoffman, D. J., Griffiths, P. L., Bogin, B. & Varela-Silva, M. I. (2012). Fat Free Mass Explains the Relationship Between Stunting and Energy Expenditure in Urban Mexican Maya Children. [Annals of Human Biology](#), 39(5), 432-439.

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

*67 Luna-Morales, M. E. (2012). International Scientific Collaboration and Recognition of Mexican Science From 1980 to 2004. [Investigacion Bibliotecologica](#), 26(57), 103-129.

68 Rodriguez-Cristerna, A. & Torres-Jimenez, J. (2012). A Simulated Annealing with Variable Neighborhood Search Approach to Construct Mixed Covering Arrays. [Electronic Notes in Discrete Mathematics](#), 39, 249-256.

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

69 Aamodt, K., Abrahantes Quintana, A., Adamova, D. et al. (2012). Erratum to "Rapidity and transverse momentum dependence of inclusive J/psi production in pp collisions at root S=7 TeV" [Phys. Lett. B 704 (5) (2011) 442]. [Physics Letters B](#), 718(2), 692-698.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

70 Banik, S. D., Bogin, B. & Dickinson, F. (2012). Effect of Stunting and Socioeconomic Traits on Height Distance and Velocity in Boys and Girls Aged 9 to 18 Years in Merida, Yucatan. [Annals of Human Biology](#), 39(5), 451-452.

71 Petronilho, S., Rocha, S. M., Ramirez-Chavez, E., Molina-Torres, J. & Rios-Chavez, P. (2012). Chemical Composition of Callistemon Citrinus From Mexico. [Pharmaceutical Biology](#), 50(11), 1363.

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

72 Cabrera-Ponce, J. L., Leon-Ramirez, C. G., Verver-Vargas, A., Palma-Tirado, L. & Ruiz-Herrera, J. (2012). Metamorphosis of the Basidiomycota Ustilago Maydis: Transformation of Yeast-Like Cells Into Basidiocarps. [Fungal Genetics and Biology](#), 49(10), 765-771.

73 Rodriguez-Leal, D. & Vielle-Calzada, J.-P. (2012). Regulation of apomixis: learning from sexual experience. [Current Opinion in Plant Biology](#), 15(5), 549-555.

ARTÍCULOS DEL MES DE DICIEMBRE DE 2012

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

1 Carrasco-Miranda, J. S., Cardona-Felix, C. S., Lopez-Zavala, A. A., De-La-Re-Vega, E., De La Mora, E., Rudino-Pinera, E., Sotelo-Mundo, R. R. & Brieba, L. G. (2012). Crystallization and X-Ray Diffraction Studies of Crustacean Proliferating Cell Nuclear Antigen. [Acta Crystallographica Section F-Structural Biology and Crystallization Communications](#), 68, 1367-1370.

*2 Milian, C. R., Mosqueda, Y., Aranda, P., Varela, J. A., Reguera, E., Frutis, M. A., Santoyo, J. & Perez-Cappe, E. (2012). Preparation and Study as Positive Electrode of Li_{0.33}Ia_{0.56}Tio₃-Pani Nanocomposite. [Advances in Applied Ceramics](#), 111(8), 480-489.

3 Abid, M., Macedo, D. F., Rubio-Loyola, J. & Pujolle, G. (2012). An Autonomic Mobility Management Solution for the Future Wireless Internet. [Annals of Telecommunications-Annales Des Telecommunications](#), 67(11-12), 523-536.

4 Abreu, P., Aglietta, M., Ahlers, M. et al. (2012). A Search for Point Sources of Eev Neutrons. [Astrophysical Journal](#), 760(2), 148.

5 Aguilar-Rojas, A., Huerta-Reyes, M., Maya-Nunez, G., Arechavaleta-Velasco, F., Conn, P. M., Ulloa-Aguirre, A. & Valdes, J. (2012). Gonadotropin-Releasing Hormone Receptor Activates Gtpase Rhoa and Inhibits Cell Invasion in the Breast Cancer Cell Line Mda-Mb-231. [Bmc Cancer](#), 12, 550.

6 Leon-Garcia, G., Santana, A., Villegas-Sepulveda, N., Perez-Gonzalez, C., Henriquez-Esquiroz, J. M., De Leon-Garcia, C., Wong, C. & Baeza, I. (2012). The T1048I Mutation in Atp7a Gene Causes an Unusual Menkes Disease Presentation. [Bmc Pediatrics](#), 12, 150.

7 Castrillon-Arbelaez, P. A., Martinez-Gallardo, N., Arnaut, H. A., Tiessen, A. & Delano-Frier, J. P. (2012). Metabolic and Enzymatic Changes Associated With Carbon Mobilization, Utilization and Replenishment Triggered in Grain Amaranth (*Amaranthus Cruentus*) in Response to Partial Defoliation by Mechanical Injury or Insect Herbivory. [Bmc Plant Biology](#), 12, 163.

8 Sanchez-Vergara, M. E., Garcia-Montalvo, V., Santoyo-Salazar, J., Fragoso-Soriano, R. J. & Jimenez-Sandoval, O. (2012). Synthesis and Characterization of Nipctstna(L) Thin Films. [Bulletin of Materials Science](#), 35(5), 759-766.

9 Aldaba-Muruato, L. R., Moreno, M. G., Hernandez-Mercado, E., Shibayama, M. & Muriel, P. (2012). Secondary Biliary Cirrhosis in the Rat Is Prevented by Decreasing Nf-Kappa B Nuclear Translocation and Tgf-Beta Expression Using Allopurinol, an Inhibitor of Xanthine Oxidase. [Canadian Journal of Physiology and Pharmacology](#), 90(11), 1469-1478.

10 Ramos-Mondragon, R., Galindo, C. A., Garcia-Castaneda, M., Sanchez-Vargas, J. L., Vega, A. V., Gomez-Viquez, N. L. & Avila, G. (2012). Chronic potentiation of cardiac L-type Ca²⁺ channels by pirenadolone. [Cardiovascular Research](#), 96(2), 244-254.

*11 Zaina, S. & Lund, G. (2012). Paternal Transmission, Cardiovascular Risk Factors and Epigenetics. [Current Opinion in Lipidology](#), 23(6), 586-587.

12 Wilson, D., Gutierrez, J. M., Alegret, S. & Del Valle, M. (2012). Simultaneous Determination of Zn(II), Cu(II), Cd(II) and Pb(II) in Soil Samples Employing an Array of Potentiometric Sensors and an Artificial Neural Network Model. [Electroanalysis](#), 24(12), 2249-2256.

*13 Nava-Arenas, I., Ruiz-Ordaz, N., Galindez-Mayer, J., Ramos-Monroy, O., Juarez-Ramirez, C., Curiel-Quesada, E. & Poggi-Varaldo, H. (2012). Acclimation of a Microbial Community to Degrade a Combination of Organochlorine Herbicides in a Biofilm Reactor. [Environmental Engineering and Management Journal](#), 11(10), 1753-1761.

*14 Varo-Arguello, W. E., Camacho-Perez, B., Rios-Leal, E., Vazquez-Landaverde, P. A., Ponce-Noyola, M. T., Barrera-Cortes, J., Sastre-Conde, I., Rindernknecht-Seijas, N. F. & Poggi-Varaldo, H. M. (2012). Triphasic Slurry Bioreactors for the Bioremediation of Lindane-Impacted Soil Under Aerobic and Anaerobic Conditions. [Environmental Engineering and Management Journal](#), 11(10), 1811-1823.

*15 Del-Muro-Cuellar, B., Marquez-Rubio, J. F., Velasco-Villa, M. & Alvares-Ramirez, J. D. (2012). On the Control of Unstable First Order Linear Systems With Large Time Lag: Observer Based Approach. [European Journal of Control](#), 18(5), 439-451.

16 Pineda-Pena, E. A., Jimenez-Andrade, J. M., Castaneda-Hernandez, G. & Chavez-Pina, A. E. (2012). Docosahexaenoic Acid, an Omega-3 Polyunsaturated Acid Protects Against Indomethacin-Induced Gastric Injury. [European Journal of Pharmacology](#), 697(1-3), 139-143.

17 Aaron, F. D., Abramowicz, H., Abt, I. et al. (2012). Combined Inclusive Diffractive Cross Sections Measured With Forward Proton Spectrometers in Deep Inelastic Ep Scattering at Hera. [European Physical Journal C](#), 72(10), 2175.

18 Aaron, F. D., Alexa, C., Andreev, V. et al. (2012). Determination of the Integrated Luminosity at Hera Using Elastic Qed Compton Events. [European Physical Journal C](#), 72(10), 2163.

19 Aaron, F. D., Alexa, C., Andreev, V. et al. (2012). Measurement of Beauty Photoproduction Near Threshold Using Di-Electron Events With the H1 Detector at Hera. [European Physical Journal C](#), 72(10), 2148.

20 Abelev, B., Adam, J., Adamova, D. et al. (2012). Production of K*(892)(0) and Phi(1020) in Pp Collisions at Root S=7 Tev. [European Physical Journal C](#), 72(10), 2183.

21 Chatrchyan, S., Khachatryan, V., Sirunyan, A. et al. (2012). A search for a doubly-charged Higgs boson in pp collisions at root s = 7 TeV. [European Physical Journal C](#), 72(11), 2189.

22 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of the Top-Quark Mass in T(T)Over-Bar Events With Dilepton Final States in Pp Collisions at Root S=7 Tev. [European Physical Journal C](#), 72(10), 2202.

23 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at Root S=7 Tev. [European Physical Journal C](#), 72(11), 2216.

- 24 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Study of the Inclusive Production of Charged Pions, Kaons, and Protons in Pp Collisions at Root S=0.9, 2.76, And 7 Tev. [European Physical Journal C](#), 72(10), 2164.
- *25 Dumonteil, E., Bottazzi, M. E., Zhan, B. et al. (2012). Accelerating the Development of a Therapeutic Vaccine for Human Chagas Disease: Rationale and Prospects. [Expert Review of Vaccines](#), 11(9), 1043-1055.
- *26 Barajas-Aceves, M., Camarillo-Ravelo, D., Juarez-Sanchez, F. & Rodriguez-Vazquez, R. (2012). Lead and zinc distribution in Brassica juncea and arid soil amended with mine tailings and bokashi. [Fresenius Environmental Bulletin](#), 21(9), 2626-2637.
- 27 Hernandez-Vazquez, L. G., Leyva, M. A., Metta-Magana, A. J. & Escalante, J. (2012). Microwave-Assisted Synthesis of Beta-Lactams and Cyclo-Beta-Dipeptides. [Helvetica Chimica Acta](#), 95(11), 2218-2230.
- 28 Loera-Palomo, R., Morales-Saldana, J. A. & Leyva-Ramos, J. (2012). Signal Flow Graphs for Modelling of Switching Converters With Reduced Redundant Power Processing. [Iet Power Electronics](#), 5(7), 1008-1016.
- 29 Rodriguez-Cortes, H., Alvarez-Salas, R., Flota-Banuelos, M. & Escalante, M. F. (2012). Power Factor Compensation and Dc-Link Voltage Regulation for a Single-Phase Pwm Multilevel Rectifier. [Iet Power Electronics](#), 5(8), 1456-1462.
- 30 Valderrabano-Gonzalez, A., Ramirez, J. M. & Beltran-Carbajal, F. (2012). Implementation of a 84-Pulse Voltage-Source Converter for Special Applications. [Iet Power Electronics](#), 5(7), 984-990.
- 31 Li, X. O., Cervantes, J. & Yu, W. (2012). Fast Classification for Large Data Sets Via Random Selection Clustering and Support Vector Machines. [Intelligent Data Analysis](#), 16(6), 897-914.
- 32 Calaminici, P., Carmona-Espindola, J., Geudtner, G. & Koester, A. M. (2012). Static and dynamic polarizability of C540 fullerene. [International Journal of Quantum Chemistry](#), 112(19), 3252-3255.
- 33 Arvizu, M. A., Tomas, S. A., Morales-Luna, M., Santoyo-Salazar, J., Garcia-Torija, J. O. & Zelaya-Angel, O. (2012). Effect of a Znse Layer on the Thermochromic Properties of Moo3 Thin Films. [International Journal of Thermophysics](#), 33(10-11), 2035-2040.
- 34 Cervantes-Espinosa, L. M., Castillo-Alvarado, F. D., Lara-Hernandez, G., Cruz-Orea, A., Mendoza-Alvarez, J. G., Valcarcel, J. P. & Garcia-Quiroz, A. (2012). Thermal Characterization, Using the Photopyroelectric Technique, of Liquids Used in the Automobile Industry. [International Journal of Thermophysics](#), 33(10-11), 1916-1923.
- 35 Diaz-Bleis, D., Freile-Pelegrin, Y., Vales-Pinzon, C., Martinez-Torres, P. & Alvarado-Gil, J. J. (2012). Preparation and Characterization of Algal Polysaccharides/Magnetite Microparticles Composite Films. [International Journal of Thermophysics](#), 33(10-11), 2125-2131.

- 36 Flores-Cuautle, J. J. A., Cruz-Orea, A. & Suaste-Gomez, E. (2012). Photopyroelectric Microscopy of Porous Ceramics. [International Journal of Thermophysics](#), 33(10-11), 2139-2144.
- 37 Gonzalez-Dominguez, J. L., Hernandez-Aguilar, C., Dominguez-Pacheco, F. A., Martinez-Ortiz, E., Cruz-Orea, A. & Sanchez-Sinencio, F. (2012). Absorption Peaks: Alpha, Beta, Gamma and Their Covariance With Age and Hemoglobin in Human Blood Samples Using Photoacoustic Spectroscopy. [International Journal of Thermophysics](#), 33(10-11), 1827-1833.
- 38 Juarez-De La Rosa, B. A., Yanez-Limon, J. M., Tiburcio-Moreno, J. A., Zambrano, M., Ardisson, P. L., Quintana, P. & Alvarado-Gil, J. J. (2012). Photothermal and Structural Comparative Analysis of Chitinous Exoskeletons of Marine Invertebrates. [International Journal of Thermophysics](#), 33(10-11), 1856-1863.
- 39 Martinez-Torres, P., Zambrano-Arjona, M., Aguilar, G. & Alvarado-Gil, J. J. (2012). Optical and Thermal Analysis of the Time Evolution of Curing in Resins by Photothermal Techniques. [International Journal of Thermophysics](#), 33(10-11), 1892-1900.
- 40 May-Crespo, J., Martinez-Torres, P., Alvarado-Gil, J. J., Quintana, P. & Vilca-Quispe, L. (2012). Photothermal Radiometry Characterization of Limestone Rocks From the Peninsula of Yucatan. [International Journal of Thermophysics](#), 33(10-11), 1908-1915.
- 41 Ordonez-Miranda, J., Alvarado-Gil, J. J. & Yang, R. G. (2012). Effective Thermal Conductivity of Metal-Dielectric Composites at the Non-Dilute Limit. [International Journal of Thermophysics](#), 33(10-11), 2118-2124.
- 42 Rivera-Ruedas, G., Ramirez-Lopez, L. M., De Jesus, F. S., Bolarin-Miro, A., Munoz-Saldana, J. & Yanez-Limon, J. M. (2012). Thermal Characterization of Pzt Ceramics Obtained by Mechanically Activated Mixed Oxides Using Different Pb Sources. [International Journal of Thermophysics](#), 33(12), 2366-2376.
- 43 Tiburcio-Moreno, J. A., Marcellin-Jimenez, G., Leanos-Castaneda, O. L., Yanez-Limon, J. M. & Alvarado-Gil, J. J. (2012). Study of the Photodegradation Process of Vitamin E Acetate by Optical Absorption, Fluorescence, and Thermal Lens Spectroscopy. [International Journal of Thermophysics](#), 33(10-11), 2062-2068.
- 44 De Moure-Flores, F., Quinones-Galvan, J. G., Guillen-Cervantes, A. et al. (2012). Physical properties of CdTe:Cu films grown at low temperature by pulsed laser deposition. [Journal of Applied Physics](#), 112(11), 113110.
- 45 Santiago-Perez, D. G., Trallero-Giner, C., Perez-Alvarez, R., Chico, L., Baquero, R. & Marques, G. E. (2012). Uncoupled Optical Phonons in Core/Shell Gaas/Gap Nanowires: Strain Effects. [Journal of Applied Physics](#), 112(8), 084322.
- 46 Padilla, I. A., Salinas, D. O. & Messina, A. R. (2012). Sensitivity Analysis of the Dynamic Behavior of a Salient-Pole Synchronous Machine Considering the Static Rotor Eccentricity Effect. [Journal of Applied Research and Technology](#), 10, 724-730.

- 47 Lopez, Y. I. A., Martinez-Gallardo, N. A., Ramirez-Romero, R., Lopez, M. G., Sanchez-Hernandez, C. & Delano-Frier, J. P. (2012). Cross-Kingdom Effects of Plant-Plant Signaling Via Volatile Organic Compounds Emitted by Tomato (*Solanum Lycopersicum*) Plants Infested by the Greenhouse Whitefly (*Trialeurodes Vaporariorum*). *Journal of Chemical Ecology*, 38(11), 1376-1386.
- 48 Alvarez-Ibarra, A., Koster, A. M., Zhang, R. & Salahub, D. R. (2012). Asymptotic Expansion for Electrostatic Embedding Integrals in Qm/Mm Calculations. *Journal of Chemical Theory and Computation*, 8(11), 4232-4238.
- 49 Breton, N., Lazkoz, R. & Montiel, A. (2012). Observational Constraints on Electromagnetic Born-Infeld Cosmology. *Journal of Cosmology and Astroparticle Physics*, (10), 013.
- 50 Magana, J., Matos, T., Suarez, A. & Sanchez-Salcedo, F. J. (2012). Structure Formation With Scalar Field Dark Matter: the Field Approach. *Journal of Cosmology and Astroparticle Physics*, (10), 003.
- 51 Rodriguez, M., Montiel, S., Cervera, M. D., Castillo, M. T. & Naranjo, E. J. (2012). The Practice and Perception of Batida (Group Hunting) in a Maya Community of Yucatan, Mexico. *Journal of Ethnobiology*, 32(2), 212-227.
- *52 Hinojosa, L., Valdez, R. A., Salvador, V., Rodriguez, A. G., Willms, K. & Romano, M. C. (2012). The Effect of Glucocorticoids on Sex Steroid Synthesis in Cultured *Taenia Crassiceps* Wake Forest University (Wfu) Cysticerci. *Journal of Helminthology*, 86(4), 465-469.
- *53 Vidal-Martinez, V. M., Aguirre-Macedo, M. L., McLaughlin, J. P., Hechinger, R. F., Jaramillo, A. G., Shaw, J. C., James, A. K., Kuris, A. M. & Lafferty, K. D. (2012). Digenean Metacercariae of Fishes From the Lagoon Flats of Palmyra Atoll, Eastern Indo-Pacific. *Journal of Helminthology*, 86(4), 493-509.
- 54 Aaron, F. D., Alexa, C., Andreev, V. et al. (2012). Inclusive Deep Inelastic Scattering at High Q² With Longitudinally Polarised Lepton Beams at Hera. *Journal of High Energy Physics*, (09), 061.
- 55 Abelev, B., Adam, J., Adamova, D. et al. (2012). Measurement of prompt J/psi and beauty hadron production cross sections at mid-rapidity in pp collisions at root s=7 TeV. *Journal of High Energy Physics*, (11), 065.
- 56 Abelev, B., Adam, J., Adamova, D. et al. (2012). Suppression of High Transverse Momentum D Mesons in Central Pb-Pb Collisions at Root S(Nn)=2.76 Tev. *Journal of High Energy Physics*, (09), 112.
- 57 Chatrchyan, S., Khachatryan, V., Sirunyan, A. et al. (2012). Measurement of the tt over bar production cross section in the dilepton channel in pp collisions at root s=7 TeV. *Journal of High Energy Physics*, (11), 067.

- 58 Chatrchyan, S., Khachatryan, V., Sirunyan, A. et al. (2012). Search for exclusive or semi-exclusive gamma gamma^a production and observation of exclusive and semi-exclusive e+e- production in pp collisions at root s=7 TeV. [Journal of High Energy Physics](#), (11), 080.
- 59 Chatrchyan, S., Khachatryan, V., Sirunyan, A. et al. (2012). Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at root s=7 TeV. [Journal of High Energy Physics](#), (11), 088.
- 60 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Measurement of Jet Fragmentation Into Charged Particles in Pp and Pbpb Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (10), 087.
- 61 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for a Fermiophobic Higgs Boson in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (09), 111.
- 62 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Anomalous T(T)Over-Bar Production in the Highly-Boosted All-Hadronic Final State. [Journal of High Energy Physics](#), (09), 029.
- 63 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Dark Matter and Large Extra Dimensions in Monojet Events in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (09), 094.
- 64 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Supersymmetry in Hadronic Final States Using M-T2 in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (10), 018.
- 65 Abreu, P., Aglietta, M., Ahlers, M. et al. (2012). The Rapid Atmospheric Monitoring System of the Pierre Auger Observatory. [Journal of Instrumentation](#), 7, P09001.
- 66 Flores-Lopez, N. S., Castro-Rosas, J., Ramirez-Bon, R., Mendoza-Cordova, A., Larios-Rodriguez, E. & Flores-Acosta, M. (2012). Synthesis and Properties of Crystalline Silver Nanoparticles Supported in Natural Zeolite Chabazite. [Journal of Molecular Structure](#), 1028, 110-115.
- 67 Czajkowska-Szczykowska, D., Rodriguez-Molina, B., Magana-Vergara, N. E., Santillan, R., Morzycki, J. W. & Garcia-Garibay, M. A. (2012). Macrocyclic Molecular Rotors With Bridged Steroidal Frameworks. [Journal of Organic Chemistry](#), 77(22), 9970-9978.
- 68 Gonzalez-Vazquez, J. P., Oskam, G. & Anta, J. A. (2012). Origin of Nonlinear Recombination in Dye-Sensitized Solar Cells: Interplay Between Charge Transport and Charge Transfer. [Journal of Physical Chemistry C](#), 116(43), 22687-22697.
- 69 Aza-Gonzalez, C. & Ochoa-Alejo, N. (2012). Characterization of anthocyanins from fruits of two Mexican chili peppers (*Capsicum annuum* L.). [Journal of the Mexican Chemical Society](#), 56(2), 149-151.

- 70 Gamboa, G. U., Calaminici, P. & Koster, A. M. (2012). Development of Barostats for Finite Systems Born-Oppenheimer Molecular Dynamics Simulations. *Journal of the Mexican Chemical Society*, 56(3), 279-286.
- 71 Orozco-Valencia, A. U. & Vela, A. (2012). The Electrodonating and Electroaccepting Powers in Atoms. *Journal of the Mexican Chemical Society*, 56(3), 294-301.
- 72 Gomez-Reyes, J. F., Salazar, A., Guzman, H. M., Gonzalez, Y., Fernandez, P. L., Ariza-Castolo, A. & Gutierrez, M. (2012). Seco-Briarellinone and Briarellin S, Two New Eunicellin-Based Diterpenoids From the Panamanian Octocoral Briareum Asbestinum. *Marine Drugs*, 10(11), 2608-2617.
- 73 Tec-Yam, S., Rojas, J., Rejon, V. & Oliva, A. I. (2012). High Quality Antireflective Zns Thin Films Prepared by Chemical Bath Deposition. *Materials Chemistry and Physics*, 136(2-3), 386-393.
- 74 Figueroa-Angulo, E. E., Rendon-Gandarilla, F. J., Puente-Rivera, J., Calla-Choque, J. S., Cardenas-Guerra, R. E., Ortega-Lopez, J., Quintas-Granados, L. I., Alvarez-Sanchez, M. E. & Arroyo, R. (2012). The effects of environmental factors on the virulence of *Trichomonas vaginalis*: Special issue on virulence factors of parasites. *Microbes and Infection*, 14(15), 1411-1427.
- 75 Enriquez-Flores, C. I., Gervacio-Arciniega, J. J., Cruz-Valeriano, E., De Urquijo-Ventura, P., Gutierrez-Salazar, B. J. & Espinoza-Beltran, F. J. (2012). Fast Frequency Sweeping in Resonance-Tracking Spm for High-Resolution Afam and Pfm Imaging. *Nanotechnology*, 23(49), 495705.
- *76 Morales-Rios, M. S., Rivera-Becerril, E., Lopez-Camacho, P. Y., Perez-Rojas, N. A. & Suarez-Castillo, O. R. (2012). Preparation of O-Methyl Substituted 2-Oxofuro- and 2-Oxopyrrolidinoindolines by Reductive Lactonization of Oxindol-3-Ylactic Acids. *Natural Product Communications*, 7(11), 1445-1451.
- *77 Paniagua-Vega, D., Cerda-Garcia-Rojas, C. M., Ponce-Noyola, T. & Ramos-Valdivia, A. C. (2012). A New Monoterpene Oxindole Alkaloid From Hamelia Patens Micropropagated Plantlets. *Natural Product Communications*, 7(11), 1441-1444.
- 78 Tsai, Y. C., Du, D. J., Dominguez-Malfavon, L., Dimastrogiovanni, D., Cross, J., Callaghan, A. J., Garcia-Mena, J. & Luisi, B. F. (2012). Recognition of the 70s Ribosome and Polysome by the Rna Degradosome in Escherichia Coli. *Nucleic Acids Research*, 40(20), 10417-10431.
- 79 Reyna-Madrigal, A., Moreno-Gurrola, A., Perez-Camacho, O., Navarro-Clemente, M. E., Juarez-Saavedra, P., Leyva-Ramirez, M. A., Arif, A. M., Ernst, R. D. & Paz-Sandoval, M. A. (2012). Half-Sandwich Ruthenium-Phosphine Complexes With Pentadienyl and Oxo- and Azapentadienyl Ligands. *Organometallics*, 31(20), 7125-7145.
- 80 Alvarado-Orozco, J. M., Morales-Estrella, R., Boldrick, M. S., Ortiz-Merino, J. L., Konitzer, D. G., Trapaga-Martinez, G. & Munoz-Saldana, J. (2012). First Stages of Oxidation of Pt-Modified Nickel Aluminide Bond Coat Systems at Low Oxygen Partial Pressure. *Oxidation of Metals*, 78(5-6), 269-284.

- 81 Figueroa-Angulo, E. E., Estrella-Hernandez, P., Salgado-Lugo, H. et al. (2012). Cellular and Biochemical Characterization of Two Closely Related Triosephosphate Isomerases From *Trichomonas vaginalis*. [Parasitology](#), 139(13), 1729-1738.
- 82 Uribe, R., Ma, J. D. B., Robles-Flores, M., Hernandez, G. M., Gonzalez-Robles, A., Hernandez-Rivas, R., Guillen, N. & Vargas, M. (2012). A Functional Study of Nucleocytoplasmic Transport Signals of the Ehncabp166 Protein From *Entamoeba histolytica*. [Parasitology](#), 139(13), 1697-1710.
- 83 Garcia-Rios, V., Rios-Leal, E., Robledo, D. & Freile-Pelegrin, Y. (2012). Polysaccharides composition from tropical brown seaweeds. [Phycological Research](#), 60(4), 305-315.
- 84 Compton, R. L., Lin, Y. J., Jimenez-Garcia, K., Porto, J. V. & Spielman, I. B. (2012). Dynamically Slowed Collapse of a Bose-Einstein Condensate With Attractive Interactions. [Physical Review A](#), 86(6), 063601.
- 85 Bhosale, J., Ramdas, A. K., Burger, A., Munoz, A., Romero, A. H., Cardona, M., Lauck, R. & Kremer, R. K. (2012). Temperature Dependence of Band Gaps in Semiconductors: Electron-Phonon Interaction. [Physical Review B](#), 86(19), 195208.
- 86 Camargo-Martinez, J. A. & Baquero, R. (2012). Performance of the Modified Becke-Johnson Potential for Semiconductors. [Physical Review B](#), 86(19), 195106.
- 87 Aaltonen, T., Abazov, V. M., Abbott, B. et al. (2012). Search for Neutral Higgs Bosons in Events With Multiple Bottom Quarks at the Tevatron. [Physical Review D](#), 86(9), 091101R.
- 88 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2012). Study of the Decay $B\text{-}S(0) \rightarrow J/\Psi F(2)'(1525)$ in $\text{Mu}^+(\text{+})\text{Mu}^-\text{K}^+\text{K}^-$ Final States. [Physical Review D](#), 86(9), 092011.
- 89 Abelev, B., Adam, J., Adamova, D. et al. (2012). Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at root $s=7$ TeV. [Physical Review D](#), 86(11), 112007.
- 90 Lazkoz, R., Montiel, A. & Salzano, V. (2012). First Cosmological Constraints on the Superfluid Chaplygin Gas Model. [Physical Review D](#), 86(10), 103535.
- 91 Abelev, B., Adam, J., Adamova, D. et al. (2012). Measurement of the cross section for electromagnetic dissociation with neutron emission in Pb-Pb Collisions at Root $S(\text{Nn})=2.76$ Tev. [Physical Review Letters](#), 109(25), 252302.
- 92 Abelev, B., Adam, J., Adamova, D. et al. (2012). Pion, kaon and proton production in central Pb-Pb Collisions at Root $S(\text{Nn})=2.76$ Tev. [Physical Review Letters](#), 109(25), 252301.
- 93 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Observation of Sequential Gamma Suppression in Pbpb Collisions. [Physical Review Letters](#), 109(22), 222301.
- 94 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Observation of a New Boson at a Mass of 125 GeV With the CMS Experiment at the LHC. [Physics Letters B](#), 716(1), 30-61.

95 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for Heavy, Top-Like Quark Pair Production in the Dilepton Final State in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 716(1), 103-121.

96 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2012). Search for High-Mass Resonances Decaying Into Tau-Lepton Pairs in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 716(1), 82-102.

97 Zambrano, J. L., Sorondo, O., Alcala, A., Vizzi, E., Diaz, Y., Ruiz, M. C., Michelangeli, F., Liprandi, F. & Ludert, J. E. (2012). Rotavirus Infection of Cells in Culture Induces Activation of Rhoa and Changes in the Actin and Tubulin Cytoskeleton. [Plos One](#), 7(10), 0047612.

98 Garcia-Munoz, A., Rodriguez, M. A., Bologna-Molina, R., Cazares-Raga, F. E., Hernandez-Hernandez, F. C., Farfan-Morales, J. E., Trujillo, J. J., Liceaga-Escalera, C. & Mendoza-Hernandez, G. (2012). The Orosomucoid 1 Protein (Alpha 1 Acid Glycoprotein) Is Overexpressed in Odontogenic Myxoma. [Proteome Science](#), 10, 49.

99 Lehrbach, N. J., Castro, C., Murfitt, K. J., Abreu-Goodger, C., Griffin, J. L. & Miska, E. A. (2012). Post-Developmental MicroRNA Expression Is Required for Normal Physiology, and Regulates Aging in Parallel to Insulin/Igf-1 Signaling in C. Elegans. [Rna-a Publication of the Rna Society](#), 18(12), 2220-2235.

100 Martinez-Mota, L., Jaime Herrera-Perez, J., Nazario, M. O. & Fernandez-Guasti, A. (2012). Participation of Gonadal Hormones in the Effect of Antidepressant Drugs in Male Rats. [Salud Mental](#), 35(5), 359-366.

101 Zaleta-Alejandre, E., Camargo-Martinez, J., Ramirez-Garibo, A., Perez-Arrieta, M. L., Balderas-Xicohtencatl, R., Rivera-Alvarez, Z., Aguilar-Frutis, M. & Falcony, C. (2012). Structural, Electrical and Optical Properties of Indium Chloride Doped Zno Films Synthesized by Ultrasonic Spray Pyrolysis Technique. [Thin Solid Films](#), 524, 44-49.

102 Rodriguez-Morales, O., Perez-Leyva, M. M., Ballinas-Verdugo, M. A., Carrillo-Sanchez, S. C., Rosales-Encina, J. L., Alejandre-Aguilar, R., Reyes, P. A. & Arce-Fonseca, M. (2012). Plasmid Dna Immunization With Trypanosoma Cruzi Genes Induces Cardiac and Clinical Protection Against Chagas Disease in the Canine Model. [Veterinary Research](#), 43, 79.

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

103 Cardona, M., Kremer, R. K., Lauck, R., Romero, A. H., Munoz, A. & Burger, A. (2012). Phonons and electrons in chalcopyrite semiconductors. [AIP Conference Proceedings](#), 1506, 40-44.

104 Morales-Penaloza, A., Meza-Lopez, C. D. & Godina-Nava, J. J. (2012). Mathematical modeling of DNA's transcription process for the cancer study. [AIP Conference Proceedings](#), 1494, 161-163.

- 105 Vasilevski, N. (2012). On the algebras generated by Toeplitz operators with piecewise continuous symbols: Special Issue: Indagationes Mathematicae honoring Israel Gohberg. *Indagationes Mathematicae*, 23(4), 762-776.
- 106 Rosas-Ortiz, O., Cruz y Cruz, S. & Fernandez-Garcia, N. (2012). Time delay in the reflection of particles by semi-harmonic wells. *Journal of Physics: Conference Series*, 380, 012018.
- 107 Avila-George, H., Torres-Jimenez, J. & Hernandez, V. (2012). Constructing Real Test-Suites Using an Enhanced Simulated Annealing. *Lecture Notes in Artificial Intelligence*, 7637, 611-620.
- 108 Yee, A. & Alvarado, M. (2012). Pattern Recognition and Monte-CarloTree Search for Go Gaming Better Automation. *Lecture Notes in Artificial Intelligence*, 7637, 11-20.
- 109 Aichholzer, O., Cetina, M., Fabila-Monroy, R., Leanos, J., Salazar, G. & Urrutia, J. (2012). Convexifying Monotone Polygons while Maintaining Internal Visibility: Computational Geometry. *Lecture Notes in Computer Science*, 7579, 98-108.
- 110 Barriga, S., Rodriguez, L. F., Ramos, F. & Ramos, M. (2012). A Brain-Inspired Computational Model of Emotion and Attention Interaction: Brain Informatics. *Lecture Notes in Computer Science*, 7670, 243-254.
- 111 Castillo-Muniz, E., Rivera-Rovelo, J. & Bayro-Corrochano, E. (2012). Using Haptic and Neural Networks for Surface and Mechanical Properties 3D Reconstruction: Ubiquitous Computing and Ambient Intelligence. *Lecture Notes in Computer Science*, 7656, 422-429.
- 112 Diaz-Banez, J., Fabila-Monroy, R. & Perez-Lantero, P. (2012). On the Number of Radial Orderings of Colored Planar Point Sets: Computational Geometry. *Lecture Notes in Computer Science*, 7579, 109-118.
- 113 Diaz-Manriquez, A., Toscano-Pulido, G. & Landa-Becerra, R. (2012). A Surrogate-Based Intelligent Variation Operator for Multiobjective Optimization: Artificial Evolution. *Lecture Notes in Computer Science*, 7401, 13-24.
- 114 Fabila-Monroy, R. & Huemer, C. (2012). Covering Islands in Plane Point Sets: Computational Geometry. *Lecture Notes in Computer Science*, 7579, 220-225.
- 115 Fabila-Monroy, R. & Wood, D. (2012). The Chromatic Number of the Convex Segment Disjointness Graph: Computational Geometry. *Lecture Notes in Computer Science*, 7579, 79-84.
- 116 Hernandez-Dominguez, J., Toscano-Pulido, G. & Coello Coello, C. (2012). A Multi-objective Particle Swarm Optimizer Enhanced with a Differential Evolution Scheme: Artificial Evolution. *Lecture Notes in Computer Science*, 7401, 169-180.
- 117 Rodriguez-Tello, E. & Betancourt, L. (2012). An Improved Memetic Algorithm for the Antibandwidth Problem: Artificial Evolution. *Lecture Notes in Computer Science*, 7401, 121-132.

118 Subramanian, K., Venkat, I. & Wiederhold, P. (2012). A P System Model for Contextual Array Languages: Combinatorial Image Analysis. [Lecture Notes in Computer Science](#), 7655, 154-165.

119 Davila-Pulido, G. I., Uribe-Salas, A. & Nava-Alonso, F. (2012). Revisiting the chemistry and kinetics of sphalerite activation with Cu(II): a contact angle study. [Open Mineral Processing Journal](#), 5, 1-5.

120 Gurevich, Y. G. & Velazquez-Perez, J. E. (2012). Recombination process in solar cells: Impact on the carrier transport. [Physica Status Solidi C: Current Topics in Solid State Physics](#), 9(10-11), 2083-2087.

121 Sutara, F. & Hernandez-Calderon, I. (2012). Influence of the composition profile in the excitonic emission of thin graded ZnCdSe quantum wells. [Physica Status Solidi C: Current Topics in Solid State Physics](#), 9(8-9), 1787-1789.

*122 Heil, M. (2012). Damaged-self recognition as a general strategy for injury detection. [Plant Signaling & Behavior](#), 7(5), 576-580.

123 Osorio, F. C. & Silva-Croci, H. (2012). Matematica Educativa, Identity and Latin America: Work and Use of Disciplinary Knowledge. [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 15(3), 295-318.

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

*124 Martell-Dubois, R., Mendoza-Baldwin, E., Marino-Tapia, I., Silva-Casarín, R. & Escalante-Mancera, E. (2012). Short-Term Impact of Hurricane Dean on the Morphology of the Beach at Cancun, Mexico. [Tecnologia y Ciencias del Agua](#), 3(4), 89-111.

*125 Hernandez-Lerma, O. & Venegas-Martinez, F. (2012). Decisions of Agents Sound With Markovian Processes Recent Advances in Economics and Finance. [Trimestre Economico](#), 79(316), 733-779.

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

126 Alvarado-Gil, J. J., Mendoza-Santoyo, F. & Cruz-Orea, A. (2012). Preface. [International Journal of Thermophysics](#), 33(10-11), 1773-1775.

127 De los Santos-Villalobos, S., Parra-Cota, F. I., De Folter, S. & Pena-Cabriales, J. J. (2012). Primers to amplify flowering locus T (FT) transcript in mango (*Mangifera indica*) and their potential use in other angiosperms. [Plant Omics](#), 5(5), 453-457.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

*128 Gandini, M. A., Henriquez, D. R., Sandoval, A., Gonzalez-Billault, C. & Felix, R. (2012). N-Type Ca₂₊ Channel Regulation by the Light Chain 1 (Lc1) of the Microtubule Associated Protein B (Map1b). [Faseb Journal](#), 26, 695.6.

*129 Lopez-Canales, O. A., Vargas-Robles, H., Arellano-Mendoza, M., Lopez-Canales, J., Castillo-Hernandez, M. C., Guevara-Balcazar, G. & Escalante-Acosta, B. (2012). Changes in the Expression and Function of Beta-Adrenergic Receptors Subtypes in the Rat Aorta During Development. [Faseb Journal](#), 26, 674.6.

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

130 De Los Santos-Villalobos, S., Hernandez-Rodriguez, L. E., Villasenor-Ortega, F. & Pena-Cabriales, J. J. (2012). Production of Trichoderma Asperellum T8a Spores by a "Home-Made" Solid-State Fermentation of Mango Industrial Wastes. [Bioresources](#), 7(4), 4938-4951.

131 Estrada-Garcia, T. & Navarro-Garcia, F. (2012). Enteropathogenic Escherichia Coli Pathotype: a Genetically Heterogeneous Emerging Foodborne Enteropathogen. [Fems Immunology and Medical Microbiology](#), 66(3), 281-298.

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