

ARTÍCULOS DEL MES DE MAYO DE 2013

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

- * 1 Tarahhom, A., Pourayoubi, M., Golen, J. A., Zargaran, P., Elahi, B., Rheingold, A. L., Leyva Ramírez, M. A. & Mancilla Percino, T. (2013). Hirshfeld surface analysis of new phosphoramidates. [Acta Crystallographica Section B-Structural Science, Crystal Engineering and Materials](#), 69(3), 260-270.
- 2 Martin Del Campo, J. S., Rollin, J., Myung, S., Chun, Y., Chandrayan, S., Patino, R., Adams, M. W. W. & Zhang, Y. H. P. (2013). High-Yield Production of Dihydrogen From Xylose by Using a Synthetic Enzyme Cascade in a Cell-Free System. [Angewandte Chemie-International Edition](#), 52(17), 4587-4590.
- 3 Melchor-Aguilar, D. (2013). Further results on exponential stability of linear continuous time difference systems. [Applied Mathematics and Computation](#), 219(19), 10025-10032.
- 4 Chavez, F., Perez-Sanchez, G. F., Goiz, O., Zaca-Morin, P., Pena-Sierra, R., Morales-Acevedo, A., Felipe, C. & Soledad-Priego, M. (2013). Sensing performance of palladium-functionalized WO₃ nanowires by a drop-casting method. [Applied Surface Science](#), 275, 28-35.
- 5 Santoyo-Sanchez, M. P., Del Carmen Silva-Lucero, M., Arreola-Mendoza, L. & Barbier, O. C. (2013). Effects of acute sodium fluoride exposure on kidney function, water homeostasis, and renal handling of calcium and inorganic phosphate. [Biological Trace Element Research](#), 152(3), 367-372.
- 6 Arvizu-Gomez, J. L., Hernandez-Morales, A., Pacheco-Aguilar, J. R. & Alvarez-Morales, A. (2013). Transcriptional profile of *P. syringae* pv. *phaseolicola* NPS3121 at low temperature: Physiology of phytopathogenic bacteria. [BMC Microbiology](#), 13(1), 81.
- 7 Lopez-Badillo, C. M., Lopez-Cuevas, J., Rodriguez-Galicia, J. L., Gutierrez-Chavarria, C. A. & Pech-Canul, M. I. (2013). Influence of mechanical activation on the synthesis of Sr-celsian employing a precursor mixture containing coal fly ash. [Boletin De La Sociedad Espanola De Ceramica Y Vidrio](#), 52(2), 98-104.
- 8 Jimenez, A., Caba, M. & Escobar, C. (2013). Food-entrained patterns in orexin cells reveal subregion differential activation. [Brain Research](#), 1513, 41-50.
- 9 Garza-Lopez, E., Gonzalez-Ramirez, R., Gandini, M. A., Sandoval, A. & Felix, R. (2013). The Familial Hemiplegic Migraine Type 1 Mutation K1336e Affects Direct G Protein-Mediated Regulation of Neuronal P/Q-Type Ca²⁺ Channels. [Cephalgia](#), 33(6), 398-407.
- 10 Gonzalez-Campo, A., Ferrer-Ugalde, A., Vinas, C., Teixidor, F., Sillanpaa, R., Rodriguez-Romero, J., Santillan, R., Farfan, N. & Nunez, R. (2013). A Versatile Methodology for the Controlled Synthesis of Photoluminescent High-Boron-Content Dendrimers. [Chemistry A European Journal](#), 19(20), 6299-6312.

- 11 Lopez-Cuevas, A., Castillo-Toledo, B., Medina-Ceja, L., Ventura-Mejia, C. & Pardo-Pena, K. (2013). An algorithm for on-line detection of high frequency oscillations related to epilepsy. [Computer Methods and Programs in Biomedicine](#), 110(3), 354-360.
- 12 Saldivar, B., Mondie, S., Loiseau, J. J. & Rasvan, V. (2013). Suppressing Axial-Torsional Coupled Vibrations in Drillstrings. [Control Engineering and Applied Informatics](#), 15(1), 3-10.
- 13 Hornung-Leoni, C. T., Sosa, V., Simpson, J. & Gil, K. (2013). Genetic Variation in the Emblematic Puya Raimondii (Bromeliaceae) From Huascaran National Park, Peru. [Crop Breeding and Applied Biotechnology](#), 13(1), 67-74.
- 14 Barba, L., Fabila-Monroy, R., Lara, D., Leanos, J., Rodriguez, C., Salazar, G. & Zaragoza, F. J. (2013). The Erdos-Sos conjecture for geometric graphs. [Discrete Mathematics and Theoretical Computer Science](#), 15(1), 93-100.
- 15 Alexa, C., Andreev, V., Baghdasaryan, A. et al. (2013). Measurement of charged particle spectra in deep-inelastic ep scattering at HERA. [European Physical Journal C](#), 73, 2406.
- 16 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of differential top-quark-pair production cross sections in pp collisions at [root] s=7 TeV. [European Physical Journal C](#), 73, 2339.
- 17 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the tt [over bar] production cross section in the tau + jets channel in pp collisions at [root] s=7 TeV. [European Physical Journal C](#), 73, 2386.
- 18 Maceda, M. & Macias, A. (2013). A noncommutative model of BTZ spacetime. [European Physical Journal C](#), 73, 2383.
- 19 Lopez-Perez, P. A., Maya-Yescas, R., Gomez Acata, R. V., Pena-Caballero, V. & Aguilar-Lopez, R. (2013). Software sensors design for the simultaneous saccharification and fermentation of starch to ethanol. [Fuel](#), 110, 219-226.
- 20 Galicia-Moreno, M., Favari, L. & Muriel, P. (2013). Trolox mitigates fibrosis in a bile duct ligation model. [Fundamental and Clinical Pharmacology](#), 27(3), 308-318.
- 21 Barron-Vivanco, B. S., Rothenberg, S. J., Medina-Diaz, I. M., Robledo-Marenco, L., Rojas-Garcia, A. E., Hernandez-Cadena, L., Poblete-Naredo, I., Elizondo, G. & Albores, A. (2013). Akrs Expression in Peripheral Blood Lymphocytes From Smokers: the Role of Body Mass Index. [Human & Experimental Toxicology](#), 32(4), 418-426.
- 22 Villafuerte, R., Mondie, S. & Garrido, R. (2013). Tuning of proportional retarded controllers: Theory and experiments. [IEEE Transactions on Control Systems Technology](#), 21(3), 983-990.
- 23 Yu, W. & Rosen, J. (2013). Neural Pid Control of Robot Manipulators With Application to an Upper Limb Exoskeleton. [IEEE Transactions on Cybernetics](#), 43(2), 673-684.

- 24 Sira-Ramirez, H., Gonzalez-Montanez, F., Cortes-Romero, J. A. & Luviano-Juarez, A. (2013). A Robust Linear Field-Oriented Voltage Control for the Induction Motor: Experimental Results. [IEEE Transactions on Industrial Electronics](#), 60(8), 3025-3033.
- *25 Avalos-Martinez, C. E., Rodriguez-Alba, J. C., Berron-Ruiz, L., Romero-Ramirez, H., Santos-Argumedo, L., Jimenez-Zamudio, L. A., Dominguez-Lopez, M. L., Vega-Lopez, A. & Garcia-Latorre, E. (2013). Measurement of Suppressor Activity of T Cd4+Cd25+ T Reg Cells Using Bromodeoxyuridine Incorporation Assay. [Immunological Investigations](#), 42(4), 369-381.
- 26 Martinez-Guarneros, A., Rastogi, N., Couvin, D. et al. (2013). Genetic Diversity Among Multidrug-Resistant Mycobacterium Tuberculosis Strains in Mexico. [Infection Genetics and Evolution](#), 14, 434-443.
- 27 Loaiza, M. & Lozano, C. (2013). On C^* -algebras of Toeplitz operators on the harmonic Bergman space. [Integral Equations and Operator Theory](#), 76, 105-130.
- 28 Limon, R. C., Zannatha, J. M. I. & Rodriguez, M. A. A. (2013). Inverse Kinematics of a Humanoid Robot With Non-Spherical Hip: a Hybrid Algorithm Approach. [International Journal of Advanced Robotic Systems](#), 10, 213.
- 29 Castro-Borges, P., Veleva, L., Balancan-Zapata, M., Mendoza-Rangel, J. M. & Juarez-Ruiz, L. A. (2013). Effect of Environmental changes on chemical and electrochemical parameters in reinforced concrete: the case of a tropical marine atmosphere. [International Journal of Electrochemical Science](#), 8, 6204-6211.
- 30 Castellanos, E. & Matos, T. (2013). Klein-Gordon Fields and Bose-Einstein Condensates: Thermal Bath Contributions. [International Journal of Modern Physics B](#), 27(11), 1350060.
- *31 Delgado-Reyes, V. A., Ramos-Ramirez, E. G., Cruz-Orea, A. & Salazar-Montoya, J. A. (2013). Flow and Dynamic Viscoelastic Characterization of Non-Purified and Purified Mucin Dispersions. [International Journal of Polymer Analysis and Characterization](#), 18(3), 232-245.
- *32 Basin, M. V., Loukianov, A. G. & Hernandez-Gonzalez, M. (2013). Joint state and parameter estimation for uncertain stochastic nonlinear polynomial systems. [International Journal of Systems Science](#), 44(7), 1200-1208.
- 33 Bautista-Hernandez, A., Rangel, T., Romero, A. H., Rignanese, G. M., Salazar-Villanueva, M. & Chigo-Anota, E. (2013). Structural and vibrational stability of M and Z phases of silicon and germanium from first principles. [Journal of Applied Physics](#), 113(19), 194504.
- 34 Uhrigshardt, H., Rouault, T. A. & Missirlis, F. (2013). Insertion mutants in *Drosophila melanogaster* Hsc20 halt larval growth and lead to reduced iron-sulfur cluster enzyme activities and impaired iron homeostasis. [Journal of Biological Inorganic Chemistry](#), 18(4), 441-449.
- 35 Arvizu-Gomez, J. L., Hernandez-Morales, A., Jofre-Garfias, A. E. & Alvarez-Morales, A. (2013). Temperature, the GacS/GacA system, and host metabolites regulate the type VI secretion system of *Pseudomonas syringae* pv. *phaseolicola*. [Journal of General Plant Pathology](#), 79(3), 194-197.

- 36 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for New Physics in Events With Same-Sign Dileptons and B Jets in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (3), 037.
- 37 Abreu, P., Aglietta, M., Ahlers, M. et al. (2013). Techniques for Measuring Aerosol Attenuation Using the Central Laser Facility at the Pierre Auger Observatory. [Journal of Instrumentation](#), 8, P04009.
- 38 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Identification of B-Quark Jets With the Cms Experiment. [Journal of Instrumentation](#), 8, P04013.
- 39 Diaz-Guillen, J. C., Vargas-Gutierrez, G., Granda-Gutierrez, E. E., Zamarripa-Pina, J. S., Perez-Aguilar, S. I., Candelas-Ramirez, J. & Alvarez-Contreras, L. (2013). Surface Properties of Fe4n Compounds Layer on Aisi 4340 Steel Modified by Pulsed Plasma Nitriding. [Journal of Materials Science & Technology](#), 29(3), 287-290.
- 40 Azpiroz, J. M., Moreno, D., Ramirez-Manzanares, A., Ugarte, J. M., Mendez-Rojas, M. A. & Merino, G. (2013). Heavy periodane. [Journal of Molecular Modeling](#), 19, 1953-1958.
- 41 Flores-Parra, A., Guadarrama-Perez, C., Galvez-Ruiz, J. C., Sanchez-Ruiz, S. A., Suarez-Moreno, G. V. & Contreras, R. (2013). Mono- and di-alkyl-[1,3,5]-dithiazinanes and their Nâ€“borane adducts revisited. Structural and theoretical study. [Journal of Molecular Structure](#), 1047, 149-159.
- 42 Marquez-herrera, A., Ovando-Medina, V. M., Corona-Rivera, M. A., Hernandez-Rodriguez, E., Zapata-Torres, M., Campos-Gonzalez, E., Guillen-Cervantes, A., Zelaya-Angel, O. & Melendez-Lira, M. (2013). A novel solvothermal route obtaining strontium titanate nanoparticles. [Journal of Nanoparticle Research](#), 15, 1525. f
- 43 Munoz, F., Romero, A. H., Mejia-Lopez, J. & Moran-Lopez, J. L. (2013). Finite size effects on the magnetocrystalline anisotropy energy in Fe magnetic nanowires from first principles. [Journal of Nanoparticle Research](#), 15, 1524.
- 44 Martinez-Lozada, Z., Guillem, A. M., Flores-Mendez, M. et al. (2013). Glast/Eaat1-Induced Glutamine Release Via Snat3 in Bergmann Glial Cells: Evidence of a Functional and Physical Coupling. [Journal of Neurochemistry](#), 125(4), 545-554.
- 45 Lopez-Honorato, E., Zhang, H., Shatwell, R. A., Guillermier, P., Manara, D., Xiao, P. & Somers, J. (2013). Analysis of the Anisotropy, Stoichiometry and Polytypes in Pyrolytic Carbon and Silicon Carbide Coatings. [Journal of Nuclear Materials](#), 432(1-3), 334-340.
- 46 Garcia-Hernandez, L., Navarrete-Vazquez, G., Gonzalez-Trujano, M. E., Lopez-Munoz, F. J. & Deciga-Campos, M. (2013). Antihyperalgesic Activity of a Novel Synthesized Analogue of Lidocaine in Diabetic Rats. [Journal of Pharmacy and Pharmacology](#), 65(5), 689-696.
- 47 Fias, S., Boisdenghien, Z., Stuyver, T., Audiffred, M., Merino, G., Geerlings, P. & De Proft, F. (2013). Analysis of Aromaticity in Planar Metal Systems Using the Linear Response Kernel. [Journal of Physical Chemistry A](#), 117(16), 3556-3560.

- 48 Liu, X. C., Tkalych, A., Zhou, B. J., Koster, A. M. & Salahub, D. R. (2013). Adsorption of Hexacyclic C6h6, C6h8, C6h10, and C6h12 on a Mo-Terminated Alpha-Mo2c (0001) Surface. [Journal of Physical Chemistry C](#), 117(14), 7069-7080.
- 49 Zhang, H., Lopez-Honorato, E. & Xiao, P. (2013). Effect of thermal treatment on microstructure and fracture strength of SiC coatings. [Journal of the American Ceramic Society](#), 96(5), 1610-1616.
- 50 Burgos-Leon, A. M., Valdes, D., Vega, M. E. & Defeo, O. (2013). Spatial structuring of submerged aquatic vegetation in an estuarine habitat of the Gulf of Mexico. [Journal of the Marine Biological Association of the United Kingdom](#), 93(4), 855-866.
- 51 Godinez-Chaparro, B., Lopez-Santillan, F. J., Arguelles, C. F., Villalon, C. M. & Granados-Soto, V. (2013). Role of 5-HT1B/1D receptors in the reduction of formalin-induced nociception and secondary allodynia/hyperalgesia produced by antimigraine drugs in rats. [Life Sciences](#), 92(22), 1046-1054.
- 52 Reyes-Martinez, O., Torres-Garcia, E., Rodriguez-Gattorno, G. & Reguera, E. (2013). Dehydration Process of Hofmann-Type Layered Solids. [Materials](#), 6(4), 1452-1466.
- 53 Santana-Rodriguez, G., De Melo, O., Aguilar-Hernandez, J. et al. (2013). Close Space Vapor Transport of Gallium Nitride in Vacuum. [Materials Letters](#), 96, 34-37.
- 54 Juarez, R., Azhmyakov, V. & Poznyak, A. (2013). Practical Stability of Control Processes Governed by Semiexplicit Daes. [Mathematical Problems in Engineering](#), 2013, 675408.
- 55 Rivera, J., Chavira, F. & Loukianov, A. (2013). On the Discrete-Time Modeling of a Dc-to-Dc Power Converter and Control Design With Discrete-Time Sliding Modes. [Mathematical Problems in Engineering](#), 2013, 460281.
- *56 Gutierrez, R. M. P., Gonzalez, A. M. N. & Hoyo-Vadillo, C. (2013). Alkaloids From Piper: a Review of Its Phytochemistry and Pharmacology. [Mini-Reviews in Medicinal Chemistry](#), 13(2), 163-193.
- 57 Gupta, V., Sanchez-Colon, G. & Rajpoot, S. (2013). Decay Coupling Constant Sum Rules for Tetraquarks $T[((Q)\text{Over-}\text{Bar}q)((Q)\text{Over-}\text{Bar}q)]$ With Broken $Su(3)$ Symmetry. [Modern Physics Letters A](#), 28(6), 1350015.
- 58 Mata-Rocha, M., Alvarado-Cuevas, E., Hernandez-Sanchez, J., Cerecedo, D., Felix, R., Hernandez-Reyes, A., Tesoro-Cruz, E. & Oviedo, N. (2013). Molecular cloning and analysis of the catsper1 gene promoter. [Molecular Human Reproduction](#), 19(5), 336-347.
- 59 Negron-Silva, G. E., Gonzalez-Olvera, R., Angeles-Beltran, D., Maldonado-Carmona, N., Espinoza-Vazquez, A., Palomar-Pardave, M. E., Romero-Romo, M. A. & Santillan, R. (2013). Synthesis of New 1,2,3-Triazole Derivatives of Uracil and Thymine With Potential Inhibitory Activity Against Acidic Corrosion of Steels. [Molecules](#), 18(4), 4613-4627.

- 60 Meyers, F. N., Loh, K. J., Dodds, J. S. & Baltazar, A. (2013). Active Sensing and Damage Detection Using Piezoelectric Zinc Oxide-Based Nanocomposites. [Nanotechnology](#), 24(18), 185501.
- 61 Castaneda, C., Loukianov, A., Sanchez, E. & Castillo-Toledo, B. (2013). Real-time torque control using discrete-time recurrent high-order neural networks. [Neural Computing & Applications](#), 22, 1223-1232.
- 62 Kazachkova, N., Raposo, M., Montiel, R., Cymbron, T., Bettencourt, C., Silva-Fernandes, A., Silva, S., Maciel, P. & Lima, M. (2013). Patterns of Mitochondrial Dna Damage in Blood and Brain Tissues of a Transgenic Mouse Model of Machado-Joseph Disease. [Neurodegenerative Diseases](#), 11(4), 206-214.
- 63 Garcia-Iglesias, B. B., Mendoza-Garrido, M. a. E., Gutierrez-Ospina, G., Rangel-Barajas, C., Noyola-Diaz, M. & Terron, J. A. (2013). Sensitization of restraint-induced corticosterone secretion after chronic restraint in rats: Involvement of 5-HT₇ receptors. [Neuropharmacology](#), 71, 216-227.
- 64 Arillo-Flores, O. I., Fadlallah, M. M., Schuster, C., Eckern, U. & Romero, A. H. (2013). Magnetic, Electronic, and Vibrational Properties of Metal and Fluorinated Metal Phthalocyanines. [Physical Review B](#), 87(16), 165115.
- 65 Bouzas, A. O. & Larios, F. (2013). Electromagnetic Dipole Moments of the Top Quark. [Physical Review D](#), 87(7), 074015.
- 66 Gupta, V., Sanchez-Colon, G., Rajpoot, S. & Wang, H. C. (2013). Lepton Flavor Mixing in the Wolfenstein Scheme. [Physical Review D](#), 87(7), 073009.
- 67 Castro, G. L. & Quintero, N. (2013). Bounding Resonant Majorana Neutrinos From Four-Body B and D Decays. [Physical Review D](#), 87(7), 077901.
- 68 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Search for the Rare Decay B-S(0) -> Mu(+) Mu(-). [Physical Review D](#), 87(7), 072006.
- 69 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for New Physics in Final States With a Lepton and Missing Transverse Energy in Pp Collisions at the Lhc. [Physical Review D](#), 87(7), 072005.
- 70 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Z' Resonances Decaying to T(T)Over-Bar in Dilepton Plus Jets Final States in Pp Collisions at Root S=7 Tev. [Physical Review D](#), 87(7), 072002.
- 71 Vargas, M. C. & Perez-Angel, G. (2013). Crystallization Time Scales for Polydisperse Hard-Sphere Fluids. [Physical Review E](#), 87(4), 042313.
- 72 Abelev, B., Adam, J., Adamova, D. et al. (2013). Net-Charge Fluctuations in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review Letters](#), 110(15), 152301.

- 73 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Pair-Produced Dijet Resonances in Four-Jet Final States in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 110(14), 141802.
- 74 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the W+W- and Zz Production Cross Sections in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 721(4-5), 190-211.
- 75 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2013). Measurement of the Combined Rapidity and P(T) Dependence of Dijet Azimuthal Decorrelations in P(P)Over-Bar Collisions at Root S=1.96 Tev. [Physics Letters B](#), 721(4-5), 212-219.
- 76 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Excited Leptons in Pp Collisions at Root S=7 Tev. [Physics Letters B](#), 720(4-5), 309-329.
- 77 Gonzalez-Mendoza, V., Zurita-Silva, A., Sanchez-Calderon, L., Sanchez-Sandoval, M. E., Oropeza-Aburto, A., Gutierrez-Alanis, D., Alatorre-Cobos, F. & Herrera-Estrella, L. (2013). Apsr1, a Novel Gene Required for Meristem Maintenance, Is Negatively Regulated by Low Phosphate Availability. [Plant Science](#), 205, 2-12.
- 78 Moore, M., Sylla, M., Goss, L. et al. (2013). Dual African Origins of Global Aedes Aegypti S.I. Populations Revealed by Mitochondrial Dna. [Plos Neglected Tropical Diseases](#), 7(4), e2175.
- 79 Nishiyama, R., Watanabe, Y., Leyva-Gonzalez, M. A. et al. (2013). Arabidopsis Ahp2, Ahp3, and Ahp5 Histidine Phosphotransfer Proteins Function as Redundant Negative Regulators of Drought Stress Response. [Proceedings of the National Academy of Sciences of the United States of America](#), 110(12), 4840-4845.
- 80 Zambrano-Arjona, M. A., Penunuri, F., Acosta, M., Riech, I., Medina-Esquivel, R. A., Martinez-Torres, P. & Alvarado-Gil, J. J. (2013). Photothermal Model Fitting in the Complex Plane for Thermal Properties Determination in Solids. [Review of Scientific Instruments](#), 84(2), 024903.
- 81 Chi-Espinola, A. A. & Vega-Cendejas, M. E. (2013). Feeding habits of Sphoeroides testudineus (Perciformes: Tetraodontidae) in the lagoon system of Ria Lagartos, Yucatan, Mexico. [Revista de Biología Tropical](#), 61(2), 849-858.
- 82 Darbandy, G., Gneiting, T., Alius, H., Alvarado, J., Cerdeira, A. & Iniguez, B. (2013). Automatic parameter extraction techniques in IC-CAP for a compact double gate MOSFET model. [Semiconductor Science and Technology](#), 28(5), 055014.
- 83 Lopez-Chau, A., Li, X. & Yu, W. (2013). Large data sets classification using convex-concave hull and support vector machine. [Soft Computing](#), 17, 793-804.
- 84 Cerdeira, A., Estrada, M., Iniguez, B., Trevisoli, R. D., Doria, R. T., De Souza, M. & Pavanello, M. A. (2013). Charge-based continuous model for long-channel Symmetric Double-Gate Junctionless Transistors. [Solid-State Electronics](#), 85, 59-63.

85 Cerdeira, A., Garduno, I., Tinoco, J., Ritzenthaler, R., Franco, J., Togo, M., Chiarella, T. & Claeys, C. (2013). Charge based DC compact modeling of bulk FinFET transistor. *Solid-State Electronics*, 87, 11-16.

86 Valdez-Calderon, A., Torres-Valecia, J. M., Manriquez-Torres, J. J., Velazquez-Jimenez, R., Roman-Marin, L. U., Hernandez-Hernandez, J. D., Cerdá-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2013). An unusual diepoxyguaianolide from Stevia tomentosa. *Tetrahedron Letters*, 54(25), 3286-3289.

87 Singh, S., Singh, R. P., Bhavani, S., Huerta-Espino, J. & Lopez-Vera, E. E. (2013). QTL mapping of slow-rusting, adult plant resistance to race Ug99 of stem rust fungus in PBW343/Muu RIL population. *Theoretical and Applied Genetics*, 126, 1367-1375.

88 Alvarez, A. M. C., Vaquero-Vera, A., Fonseca-Linan, R., Ruiz-Perez, F., Villegas-Sepulveda, N. & Ortega-Pierres, G. (2013). A prime-boost vaccination of mice with attenuated *Salmonella* expressing a 30-mer peptide from the *Trichinella spiralis* gp43 antigen. *Veterinary Parasitology*, 194(2-4), 202-206.

*89 Paz-Rios, C. E. & Ardisson, P. L. (2013). Caribboecetes progreso, a new species of sand-dwelling amphipod (Amphipoda: Corophiidea: Ischyroceridae) from the Gulf of Mexico, with a key for the genus. *Zootaxa*, 3652(3), 370-380.

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

90 Mijarez, R. & Baltazar, A. (2013). Guided wave propagation study in an ACSR cable with artificial damage. *AIP Conference Proceedings*, 1511, 1417-1424.

91 Infante, D., Martinez, B., Peteira, B., Reyes, Y. & Herrera, A. (2013). Molecular identification and pathogenic evaluation against *Rhizoctonia solani* Kuhn of thirteen isolates of *Trichoderma* spp. *Biotecnologia Aplicada*, 30(1), 17-22.

92 Infante, D., Martinez, B., Peteira, B., Reyes, Y. & Herrera, A. (2013). Molecular identification of thirteen isolates of *trichoderma* spp. and evaluation of their pathogenicity towards *rhizoctonia solani* Kuhn. *Biotecnologia Aplicada*, 30(1), 23-28.

*93 Gonzalez-Perez, G., Segovia, N. C., Rivas-Carvalho, A., Reyes, D. P., Torres-Aguilar, H., Aguilar-Ruiz, S. R., Irles, C., Soldevila, G. & Sanchez-Torres, C. (2013). Human CD4 + effector T lymphocytes generated upon TCR engagement with self-peptides respond defectively to IL-7 in their transition to memory cells. *Cellular and Molecular Immunology*, 10(3), 261-274.

94 Markow, T. A. (2013). Parents Without Partners: *Drosophila* as a Model for Understanding the Mechanisms and Evolution of Parthenogenesis. *G3-Genes Genomes Genetics*, 3(4), 757-762.

*95 Kontorovich, V. & Lovtchikova, Z. (2013). Nonlinear filtering of chaos for real time applications. *Studies in Computational Intelligence*, 41-59.

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

96 Vargas-Hernandez, A., Berron-Ruiz, L., Staines-Boone, T., Zarate-Hernandez, M., Cordova-Calderon, W. O., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2013). Clinical and Genetic Analysis of Patients With X-Linked Hyper-Igm Syndrome. [Clinical Genetics](#), 83(6), 585-587.

*97 Kovalenko, Y. & Prokhorov, E. (2013). Discussion of "Dealing With Zero Flows in Solving the Nonlinear Equations for Water Distribution Systems" by Sylvan Elhay and Angus R. Simpson. [Journal of Hydraulic Engineering-Asce](#), 139(5), 557-558.

98 Tantar, A.-A., Tantar, E., Bouvry, P., Schutze, O., Coello-Coello, C. A. & Del Moral, P. (2013). Special issue on evolutionary computing and complex systems. [Soft Computing](#), 17(6), 909-912.

9

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

99 Missirlis, F., Gutierrez, L., Zubow, K., Nield, J. & Lazaro, F. J. (2013). Overexpressed Drosophila Ferritin Alters Iron, Zinc and Manganese Homeostasis. [American Journal of Hematology](#), 88(5), E21.

100 Pathmanathan, T. & Missirlis, F. (2013). Further Evidence for a Role of Iron in Drosophila Spermatogenesis. [American Journal of Hematology](#), 88(5), E77.

101 Cruz, R., Jimenez-Carbalal, G., Miranda-Sanchez, M., Almonte-Becerril, M., Lavalle-Montalvo, C. & Kouri, J. B. (2013). Expression of Cathepsin D and Limp-2 Correlates With Chondrocytes Death During Cartilage Breakdown. [Osteoarthritis and Cartilage](#), 21, S116.

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

102 Abreu, P., Aglietta, M., Ahlers, M. et al. (2013). Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. [Advances in High Energy Physics](#), 2013, 708680.

103 Lorigados, L., Orozco, S., Morales, L., Estupinan, B., Garcia, I. & Rocha, L. (2013). Excitotoxicity and neuronal death in epilepsy. [Biotecnologia Aplicada](#), 30(1), 1-8.

*104 Kalman, J. (2013). The Lettered Mountain: a Peruvian Village's Way With Writing. [Hahn-Hispanic American Historical Review](#), 93(2), 287-289.