

ARTÍCULOS DEL MES DE JUNIO DE 2013

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

- 1 Mellado-Mojica, E. & Lopez-Perez, M. G. (2013). Comparative Analysis Between Blue Agave Syrup (Agave Tequilana Weber Var. Azul) and Other Natural Syrups. [Agrociencia](#), 47(3), 233-244.
- 2 Leyva-Ramos, J. (2013). A note on mode decoupling of linear time-invariant systems using the generalized sign matrix. [Applied Mathematics and Computation](#), 219(22), 10817-10821.
- 3 Martinez-Guerra, R., Corona-Fortunio, D. M. G. & Mata-Machuca, J. L. (2013). Synchronization of chaotic Liouvillian systems: An application to Chua's oscillator. [Applied Mathematics and Computation](#), 219(23), 10934-10944.
- 4 Vazquez-Fernandez, E., Coello, C. A. C. & Troncoso, F. D. S. (2013). An Evolutionary Algorithm With a History Mechanism for Tuning a Chess Evaluation Function. [Applied Soft Computing](#), 13(7), 3234-3247.
- 5 Hernandez-Castellanos, B., Ortiz-Ceballos, A., Martinez-Hernandez, S., Noa-Carrazana, J. C., Luna-Guido, M., Dendooven, L. & Contreras-Ramos, S. M. (2013). Removal of benzo (a) pyrene from soil using an endogeic earthworm *Pontoscolex corethrurus* (Muller, 1857). [Applied Soil Ecology](#), 70, 62-69.
- 6 Bassiuk, M., Basiuk, V. A., Basiuk, E. V., Alvarez-Zauco, E., Martinez-Herrera, M., Rojas-Aguilar, A. & Puente-Lee, I. (2013). Noncovalent Functionalization of Single-Walled Carbon Nanotubes With Porphyrins. [Applied Surface Science](#), 275, 168-177.
- 7 Brito-Manzano, N. & Aldana-Aranda, D. (2013). Effect of photoperiod and feeding schedule on growth and survival of larvae of the fighting conch *Strombus pugilis* Linne, 1758 (Mollusca, Gastropoda). [Aquaculture](#), 408-409, 47-50.
- 8 Hoffman, K. L. & Basurto, E. (2013). One-trial object recognition memory in the domestic rabbit (*Oryctolagus cuniculus*) is disrupted by NMDA receptor antagonists. [Behavioural Brain Research](#), 250, 62-73.
- 9 Martel-Gallegos, G., Casas-Pruneda, G., Ortega-Ortega, F., Sanchez-Armass, S., Olivares-Reyes, J. A., Diebold, B., Perez-Cornejo, P. & Arreola, J. (2013). Oxidative stress induced by P2X7 receptor stimulation in murine macrophages is mediated by c-Src/Pyk2 and ERK1/2. [Biochimica Et Biophysica Acta-General Subjects](#), 1830(10), 4650-4659.
- 10 Aza-Gonzalez, C., Herrera-Isidron, L., Nunez-Palenius, H. G., De La Vega, O. M. & Ochoa-Alejo, N. (2013). Anthocyanin Accumulation and Expression Analysis of Biosynthesis-Related Genes During Chili Pepper Fruit Development. [Biologia Plantarum](#), 57(1), 49-55.
- 11 Luna-Palencia, G. R., Huerta-Heredia, A. A., Cerda-Garcia-Rojas, C. M. & Ramos-Valdivia, A. C. (2013). Differential Alkaloid Profile in *Uncaria Tomentosa* Micropropagated Plantlets and Root Cultures. [Biotechnology Letters](#), 35(5), 791-797.

12 Aguilar-Martinez, J. A., Canul, M. I. P., Hernandez, M. B., Glot, A. B., Rodriguez, E. & Ortiz, L. G. (2013). Effect of Sintering Temperature on the Electric Properties and Microstructure of $\text{SnO}_2\text{-Co}_3\text{O}_4\text{-Sb}_2\text{O}_5\text{-Cr}_2\text{O}_3$ Varistor Ceramic. [Ceramics International](#), 39(4), 4407-4412.

13 Cortez-Valadez, M., Melgarejo, F. R., Flores-Acosta, M., Roman-Zamorano, J. F., Vargas-Ortiz, A. & Ramirez-Bon, R. (2013). Pb-Pb Raman Modes in Amorphous Lead Nanostructures in Zeolite X. [Chemistry Letters](#), 42(4), 422-423.

14 Cruz, M. & Rojas, E. (2013). Born-Infeld Extension of Lovelock Brane Gravity. [Classical and Quantum Gravity](#), 30(11), 115012.

15 Mostovoy, J. (2013). A Comment on the Integration of Leibniz Algebras. [Communications in Algebra](#), 41(1), 185-194.

*16 Gonzalez, J., Velasco, M. & Wilson, W. S. (2013). Biequivariant Maps on Spheres and Topological Complexity of Lens Spaces. [Communications in Contemporary Mathematics](#), 15(3), 1250051.

17 Huang, F. Y., Del-Rio-Navarro, B. E., Ontiveros, J. A. P., Ruiz-Bedolla, E., Navarro-Olivos, E., Villafana, S., Bravo, G. & Hong, E. (2013). Changes in Ghrelin and Asymmetrical Dimethylarginine in Obese Mexican Adolescents After Six-Month Lifestyle Intervention. [Endocrine](#), 43(3), 603-610.

18 Meneses-Acosta, A., Vizcaino-Meza, L. R., Ayala-Castro, H. G., Contreras, M. A., Ortega-Lopez, J. & Ramirez, O. T. (2013). Effect of Controlled Redox Potential and Dissolved Oxygen on the in Vitro Refolding of an E. Coli Alkaline Phosphatase and Chicken Lysozyme. [Enzyme and Microbial Technology](#), 52(6-7), 312-318.

19 Contreras-Lopez, D., Saldivar-Guerra, E. & Luna-Barcenas, G. (2013). Copolymerization of isoprene with polar vinyl monomers: reactivity ratios, characterization and thermal properties. [European Polymer Journal](#), 49(7), 1760-1772.

*20 Hoffman, K. L. (2013). Role of murine models in psychiatric illness drug discovery: a dimensional view. [Expert Opinion on Drug Discovery](#), 8(7), 865-877.

21 Rios-Alvarado, A. B., Lopez-Arevalo, I. & Sosa-Sosa, V. J. (2013). Learning concept hierarchies from textual resources for ontologies construction. [Expert Systems With Applications](#), 40(15), 5907-5915.

22 Saucedo-Tejada, G., Mendoza, S. & Decouchant, D. (2013). F2FMI: A toolkit for facilitating face-to-face mobile interaction. [Expert Systems With Applications](#), 40(15), 6173-6184.

23 Sanchez, A., Sevilla-Guitron, V., Magana, G. & Gutierrez, L. (2013). Parametric analysis of total costs and energy efficiency of 2G enzymatic ethanol production. [Fuel](#), 113, 165-179.

24 Aceves-Ramos, A., Valdez, R. A., Gaona, B., Willms, K. & Romano, M. C. (2013). Steroid synthesis by *Taenia crassiceps* WFU cysticerci is regulated by enzyme inhibitors. [General and Comparative Endocrinology](#), 188, 212-217.

*25 Cervini-Silva, J., Palacios, E., Munoz, M. D., Del Angel, P., Montoya, J. A., Ramos, E., Lopez, F. & Pacheco, A. R. (2013). Cinnabar-Preserved Bone Structures From Primary Osteogenesis and Fungal Signatures in Ancient Human Remains. [Geomicrobiology Journal](#), 30(7), 566-577.

26 Puente-Siller, D. M., Fuentes-Aceituno, J. C. & Nava-Alonso, F. (2013). A Kinetic-Thermodynamic Study of Silver Leaching in Thiosulfate-Copper-Ammonia-Edta Solutions. [Hydrometallurgy](#), 134, 124-131.

27 Camargo, O. M., Arista, B. V. & Camargo, J. M. (2013). Digital Processing of Fractographic Images for Welded Joints on Microalloy Steel Api5l-X52 Aged. [IEEE Latin America Transactions](#), 11(1), 172-176.

28 Marchand, N., Durand, S. & Castellanos, J. F. G. (2013). A General Formula for Event-Based Stabilization of Nonlinear Systems. [IEEE Transactions on Automatic Control](#), 58(5), 1332-1337.

29 Estrada, M., Ulloa, F., Avila, M., Sanchez, J., Cerdeira, A., Castro-Carranza, A., Iniguez, B., Marsal, L. F. & Pallares, J. (2013). Frequency and Voltage Dependence of the Capacitance of MIS Structures Fabricated With Polymeric Materials. [IEEE Transactions on Electron Devices](#), 60(6), 2057-2063.

*30 Zapata-Ramirez, P. A., Blanchon, P., Olioso, A., Hernandez-Nunez, H. & Sobrino, J. A. (2013). Accuracy of Ikonos for Mapping Benthic Coral-Reef Habitats: a Case Study From the Puerto Morelos Reef National Park, Mexico. [International Journal of Remote Sensing](#), 34(9-10), 3671-3687.

*31 Sanchez-Torres, J. D., Loukianov, A. G., Galicia, M. I. & Dominguez, J. R. (2013). Robust Nested Sliding Mode Integral Control for Anti-Lock Brake System. [International Journal of Vehicle Design](#), 62(2-4), 188-205.

32 Casallas-Moreno, Y. L., Perez-Caro, M., Gallardo-Hernandez, S., Ramirez-Lopez, M., Martinez-Velis, I., Escobedo-Echavarria, A. & Lopez-Lopez, M. (2013). Study of structural properties of cubic InN films on GaAs(001) substrates by molecular beam epitaxy and migration enhanced epitaxy. [Journal of Applied Physics](#), 113(21), 214308.

33 Matxain, J. M., Ruiperez, F., Infante, I., Lopez, X., Ugalde, J. M., Merino, G. & Piris, M. (2013). Communication: Chemical Bonding in Carbon Dimer Isovalent Series From the Natural Orbital Functional Theory Perspective. [Journal of Chemical Physics](#), 138(15), 151102.

34 Robledo-Narvaez, P. N., Munoz-Perez, K. M., Poggi-Varaldo, H. M. et al. (2013). The influence of total solids content and initial pH on batch biohydrogen production by solid substrate fermentation of agroindustrial wastes. [Journal of Environmental Management](#), 128, 126-137.

35 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for New Physics in Events With Photons, Jets, and Missing Transverse Energy in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (3), 111.

- 36 Ruiz-Rosado, A., Fernandez-Valverde, F., Mariscal-Tovar, S., Hinojosa-Rodriguez, C. X., Hernandez-Valencia, J. A., Anzueto-Rios, A., Guadarrama-Olmos, J. C., Segura-Alegria, B. & Jimenez-Estrada, I. (2013). Histoenzymatic and morphometric analysis of muscle fiber type transformation during the postnatal development of the chronically food-deprived rat. [Journal of Histochemistry and Cytochemistry](#), 61(5), 372-381.
- 37 Azhmyakov, V., Poznyak, A. & Gonzalez, O. (2013). On the Robust Control Design for a Class of Nonlinearly Affine Control Systems: the Attractive Ellipsoid Approach. [Journal of Industrial and Management Optimization](#), 9(3), 579-593.
- 38 Rivillas-Acevedo, L., Maciel-Baron, L., Garcia, J. E., Juaristi, E. & Quintanar, L. (2013). Insertion of beta-alanine in model peptides for copper binding to His96 and His111 of the human prion protein. [Journal of Inorganic Biochemistry](#), 126, 104-110.
- 39 Mayen-Mondragon, R., Yanez-Limon, J. M., Moya-Canul, K. M., Herrera-Gomez, A., Vazquez-Lepe, M., Espinoza-Beltran, F. & Beltran, A. M. L. (2013). Characterization of Lead Zirconate Titanate (53/47) Films Fabricated by a Simplified Sol-Gel Acetic-Acid Route. [Journal of Materials Science-Materials in Electronics](#), 24(6), 1981-1988.
- 40 Gomez-Ortiz, N. M., Idigoras, J., Guillen, E., Hernandez, A., Sastre-Santos, A., Fernandez-Lazaro, F., Anta, J. A. & Oskam, G. (2013). Influence of dye chemistry and electrolyte solution on interfacial processes at nanostructured ZnO in dye-sensitized solar cells. [Journal of Photochemistry and Photobiology A-Chemistry](#), 264, 26-33.
- 41 Audiffred, M., Elias, A. L., Gutierrez, H. R., Lopez-Urias, F., Terrones, H., Merino, G. & Terrones, M. (2013). Nitrogen-Silicon Heterodoping of Carbon Nanotubes. [Journal of Physical Chemistry C](#), 117(16), 8481-8490.
- 42 Geudtner, G., Calaminici, P. & Koster, A. M. (2013). Growth Pattern of (Bi2O3)_n Clusters with n = 1-5: A First Principle Investigation. [Journal of Physical Chemistry C](#), 117(25), 13210-13216.
- 43 Gonzalez, J. L., Carretero-Perez, J., Sosa-Sosa, V., Rodriguez Cardoso, J. F. & Marcelin-Jimenez, R. (2013). An approach for constructing private storage services as a unified fault-tolerant system. [Journal of Systems and Software](#), 86(7), 1907-1922.
- 44 Trejo-Arroyo, D., Zarate-Medina, J., Alvarado-Orozco, J. M., Contreras-Garcia, M. E., Boldrick, M. S. & Munoz-Saldana, J. (2013). Microstructure and Mechanical Properties of Al₂O₃-Ysz Spherical Polycrystalline Composites. [Journal of the European Ceramic Society](#), 33(10), 1907-1916.
- 45 Ramos-Alarcon, F. & Kontorovich, V. (2013). First-passage time statistics of Markov gamma processes. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 350(7), 1686-1696.
- 46 Ugaz, C., Valdez, R. A., Romano, M. C. & Galindo, F. (2013). Behavior and salivary cortisol of captive dolphins (*Tursiops truncatus*) kept in open and closed facilities. [Journal of Veterinary Behavior-Clinical Applications and Research](#), 8(4), 285-290.

- 47 Bonilla, M., Leuret, G., Loiseau, J. J. & Malabre, M. (2013). Simultaneous state and input reachability for linear time invariant systems. [Linear Algebra and Its Applications](#), 439(5), 1415-1440.
- 48 Del Angel-Sanchez, K., Vazquez-Cuchillo, O., Aguilar-Elguezabal, A., Cruz-Lopez, A. & Herrera-Gomez, A. (2013). Photocatalytic Degradation of 2,4-Dichlorophenoxyacetic Acid Under Visible Light: Effect of Synthesis Route. [Materials Chemistry and Physics](#), 139(2-3), 423-430.
- 49 Godavarthi, S., Le, Q. T., Verdonck, P., Mardani, S., Vanstreels, K., Van Besien, E. & Baklanov, M. R. (2013). Impact of wavelength of UV light and UV cure time on chemical and mechanical properties of PECVD deposited porous ultra low-k films. [Microelectronic Engineering](#), 107, 134-137.
- 50 Garcia-Regalado, A., Vargas, M., Garcia-Carranca, A., Arechaga-Ocampo, E. & Gonzalez-De la Rosa, C. H. (2013). Activation of Akt pathway by transcription-independent mechanisms of retinoic acid promotes survival and anvasion in lung cancer cells. [Molecular Cancer](#), 12, 44.
- 51 Carreras-Villasenor, N., Esquivel-Naranjo, E. U., Villalobos-Escobedo, J. M., Abreu-Goodger, C. & Herrera-Estrella, A. (2013). The RNAi machinery regulates growth and development in the filamentous fungus *Trichoderma atroviride*. [Molecular Microbiology](#), 89(1), 96-112.
- 52 Avalos-Fuentes, A., Loya-Lopez, S., Flores-Perez, A., Recillas-Morales, S., Cortes, H., Paz-Bermudez, F., Aceves, J., Erlij, D. & Floran, B. (2013). Presynaptic CaMK[alpha] modulates dopamine D3 receptor activation in striatonigral terminals of the rat brain in a Ca²⁺ dependent manner. [Neuropharmacology](#), 71, 273-281.
- 53 Moreno, J. A. & Hong, E. (2013). A single oral dose of fructose induces some features of metabolic syndrome in rats: role of oxidative stress. [Nutrition, Metabolism and Cardiovascular Diseases](#), 23(6), 536-542.
- 54 Martinez-Hernandez, E., Gonzalez-Ramirez, R., Sandoval, A., Cisneros, B., Delgado-Lezama, R. & Felix, R. (2013). Isolation and characterization of the 5'-upstream region of the human voltage-gated Ca²⁺ channel [alpha]2[delta]-1 auxiliary subunit gene: promoter analysis and regulation by transcription factor Sp1. [Pfluegers Archiv-European Journal of Physiology](#), 465(6), 819-828.
- 55 Garcia-Juarez, M., Beyer, C., Gomora-Arrati, P., Dominguez-Ordonez, R., Lima-Hernandez, F. J., Eguibar, J. R., Galicia-Aguas, Y. L., Etgen, A. M. & Gonzalez-Flores, O. (2013). Lordosis facilitation by leptin in ovariectomized, estrogen-primed rats requires simultaneous or sequential activation of several protein kinase pathways. [Pharmacology Biochemistry and Behavior](#), 110, 13-18.
- 56 Horley, P. P., Vorobiev, Y. & Vieira, V. R. (2013). Theoretical description of cylindrical nanostructures, including pores in semiconductors. [Physica E-Low-Dimensional Systems & Nanostructures](#), 51, 29-36.
- 57 Vorobiev, Y. V., Torchynska, T. V. & Horley, P. P. (2013). Effect of aspect ratio on energy of optical transitions in a pyramid-shaped quantum dot. [Physica E-Low-Dimensional Systems & Nanostructures](#), 51, 42-47.

58 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of Associated Production of Vector Bosons and Top Quark-Antiquark Pairs in Pp Collisions at Root S=7 Tev. [Physical Review Letters](#), 110(17), 172002.

59 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Measurement of the Inelastic Proton-Proton Cross Section at Root S=7 Tev. [Physics Letters B](#), 722(1-3), 5-27.

60 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2013). Search for Anomalous Production of Highly Boosted Z Bosons Decaying to Mu(+)Mu(-) in Proton-Proton Collisions at Root S=7 Tev. [Physics Letters B](#), 722(1-3), 28-47.

61 Yu, F., Thamm, A. M. K., Reed, D., Villa-Ruano, N., Lara-Quesada, A., Lozoya-Gloria, E., Covello, P. & De Luca, V. (2013). Functional characterization of amyrin synthase involved in ursolic acid biosynthesis in Catharanthus roseus leaf epidermis. [Phytochemistry](#), 91, 122-127.

62 Lopez-Arredondo, D. L. & Herrera-Estrella, L. (2013). A Novel Dominant Selectable System for the Selection of Transgenic Plants Under in Vitro and Greenhouse Conditions Based on Phosphite Metabolism. [Plant Biotechnology Journal](#), 11(4), 516-525.

63 Demesa-Arevalo, E. & Vielle-Calzada, J. P. (2013). The classical arabinogalactan protein AGP18 mediates megaspore selection in Arabidopsis. [Plant Cell](#), 25(4), 1274-1287.

64 Alcantar-Aguirre, F. C., Chagolla, A., Tiessen, A., Delano, J. P. & Gonzalez-De la Vara, L. E. (2013). ATP produced by oxidative phosphorylation is channeled toward hexokinase bound to mitochondrial porin (VDAC) in beetroots (Beta vulgaris). [Planta](#), 237(6), 1571-1583.

65 Garcia-Hernandez, J. J., Feregrino-Urbe, C. & Cumpido, R. (2013). Collusion-resistant audio fingerprinting system in the modulated complex lapped transform domain. [PLoS One](#), 8(6), e65985.

66 Alvarado-Rodriguez, C. E., Rodriguez-Martinez, E., Klapp-Escribano, J., Duarte-Perez, R., Teresa-Olguin, M., Aguilera-Alvarado, A. F., Cano-Aguilera, L. & Gonzalez-Acevedo, Z. (2013). Simulation of Breakthrough Curves of Selenium Absorbed in Two Biomass Filters Using a Dispersion and Sorption Model. Use for a Hypothetical Case. [Revista Mexicana de Fisica](#), 59(3), 258-265.

67 Vazquez-Lopez, C., Zendejas-Leal, B. E., Fragoso, R., Golzarri, J. I. & Espinosa, G. (2013). The Effects of the Bragg Curve on the Nuclear Track Formation in Cr-39 Polycarbonate, With the Atomic Force Microscopy Approach. [Revista Mexicana de Fisica](#), 59(2), 165-169.

*68 Juarez-Santacruz, L., Garcia-Nieto, E., Costilla-Salazar, R., Garcia-Gallegos, E., Coronel-Olivares, C., Gomez-Camarillo, M. & Gaytan-Oyarzun, J. (2013). Assessment of the Genotoxic Potential of Sediments Contaminated With Pops and Agricultural Soils Using Vicia Faba Micronucleus Assay. [Soil & Sediment Contamination](#), 22(3), 288-300.

69 Navarro-Noya, Y. E., Gomez-Acata, S., Montoya-Ciriaco, N. et al. (2013). Relative impacts of tillage, residue management and crop-rotation on soil bacterial communities in a semi-arid agroecosystem. [Soil Biology and Biochemistry](#), 65, 86-95.

70 Elyukhin, V. A. (2013). Self-assembling of 4B10Sb and 1B4Sb clusters in GaP:(B, Sb). [Superlattices and Microstructures](#), 60, 320-326.

71 Kudriavtsev, Y., Asomoza, R., Mansurova, M., Perez, L. A. & Korol', V. M. (2013). Sputtering of the target surface by Cs⁺ ions: Steady-state concentration of implanted cesium and emission of CsM⁺ cluster ions. [Technical Physics](#), 58(5), 735-743.

72 Soto-Acosta, R., Mosso, C., Cervantes-Salazar, M., Puerta-Guardo, H., Medina, F., Favari, L., Ludert, J. E. & Del Angel, R. M. (2013). The increase in cholesterol levels at early stages after dengue virus infection correlates with an augment in LDL particle uptake and HMG-CoA reductase activity. [Virology](#), 442(2), 132-147.

73 Camacho-Camacho, C., Esparza-Ruiz, A., Pena-Hueso, A., Mijangos, E., Ramos-Garcia, I., Contreras, R. & Flores-Parra, A. (2013). Organometallic Tin Compounds Derived from 2-Benzimidazole Propionic Acid. [Zeitschrift Fuer Anorganische Und Allgemeine Chemie](#), 639(7), 1122-1128.

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

74 Herrera-Corral, G. (2013). Ultra-relativistic heavy-ion physics at the LHC. [AIP Conference Proceedings](#), 1540, 69-76.

75 Larios, F. & Perez, M. A. (2013). Neutrino and Z gauge boson physics. [AIP Conference Proceedings](#), 1540, 16-20.

76 Garduno-Gutierrez, R., Guadarrama-Bazante, L., Leon-Olea, M. & Rodriguez-Manzo, G. (2013). Endogenous opioids mediate the sexual inhibition but not the drug hypersensitivity induced by sexual satiation in male rat. [Behavioral Neuroscience](#), 127(3), 458-464.

77 Ortiz-Melo, M. T., Sanchez-Guzman, E., Gonzalez-Robles, A., Valdes, J., Gomez-Flores, E. & Castro -Munozledo, F. (2013). Expression of claudins -2 and -4 and cingulin is coordinated with the start of stratification and differentiation in corneal epithelial cells: retinoic acid reversibly disrupts epithelial barrier. [Biology Open](#), 2, 132-143.

78 Carmona-Tellez, S., Falcony, C., Aguilar-Frutis, M., Alarcon-Flores, G., Garcia-Hipolito, M. & Martinez-Martinez, R. (2013). White light emitting transparent double layer stack of Al₂O₃:Eu³⁺, Tb³⁺, and Ce³⁺ films deposited by spray pyrolysis. [ECS Journal of Solid State Science and Technology](#), 2(6), R111-R115.

79 Rudomin, P., Jimenez, I. & Chavez, D. (2013). Differential Presynaptic Control of the Synaptic Effectiveness of Cutaneous Afferents Evidenced by Effects Produced by Acute Nerve Section. [Journal of Physiology Neuroscience](#), 591(10), 2629-2645.

80 Castaneda, L., Avendano-Alejo, M., Gomez, H., Olvera, M. L. & Maldonado, A. (2013). Physical Characterization of Ruthenium-Doped Zinc Oxide Thin Solid Films Deposited by the Sol-Gel Technique: Gas-Sensing Performance in a Propane Atmosphere. [Sensor Letters](#), 11(2), 286-293.

81 Mirian, E. C. M., Juanita, N. M., Christophe, B. O. & Estela, M. C. M. (2013). Molecular Mechanisms Involved in the Protective Effect of the Chloroform Extract of Selaginella Lepidophylla (Hook. Et Grev.) Spring in a Lithiasic Rat Model. [Urolithiasis](#), 41(3), 205-215.

*82 Muniz, A. & Perez, R. (2013). Wound healing effect and flavonoid contents of three selected Byrsonima species. [WIT Transactions on Ecology and the Environment](#), 170, 241-251).

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

83 Torruco-Gomez, D., Gonzalez-Solis, M. A. & Torruco-Gonzalez, A. D. (2013). Las playas de Quintana Roo: sus riesgos y vulnerabilidad. [Periplo Sustentable](#), (24), 155-172.

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

84 Merino, G., Vela, A. & Toro-Labbe, A. (2013). Xxxvii Congreso De Quimicos Tericos De Expresin Latina, Quito 2011. [Journal of Molecular Modeling](#), 19(5), 1943.

85 Ibarra-Laclette, E., Lyons, E., Hernandez-Guzman, G. et al. (2013). Architecture and evolution of a minute plant genome. [Nature](#), 498(7452), 94-98.

86 Torchynska, T. V., Vorobiev, Y. V. & Horvath, Z. J. (2013). Preface. [Physica E-Low-Dimensional Systems & Nanostructures](#), 51, 1.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

87 Albores, A., Barron-Vivanco, B. S., Davila-Borja, V. M., Juarez-Perez, E., Rojas-Garcia, A. E., Lopez-Campos, C., Munoz, B. & Poblete-Naredo, I. (2013). Cotinine levels and gene polymorphisms in asthmatic children exposed to tobacco smoke in northern Mexico. [Toxicological Sciences](#), 132(1), 38.

88 Garcia-Montes de Oca, E. G., Lopez-Gonzalez, M. L., Escobar-Wilches, D. C. & Sierra-Santoyo, A. (2013). Effect of vinclozolin exposure during pregnancy on in vitro testosterone metabolism. [Toxicological Sciences](#), 132(1), 62.

89 Rodriguez-Yanez, Y., Poblete-Naredo, I., Chavez-Munguia, B., Cisneros, B. & Albores, A. (2013). In vitro endothelial exposure to carbon nanotubes produce reactive oxygen species. [Toxicological Sciences](#), 132(1), 96.

90 Lopez-Manzanero, G., Perez-Herrera, N., Dzib-Cocom, L. et al. (2013). Reproductive outcomes in women para-occupationally exposed to pesticides in an agricultural community in southern Mexico. [Toxicological Sciences](#), 132(1), 129.

91 Navarro-Yepes, J., Del Razo, L. M., Franco, R. & Quintanilla-Vega, B. (2013). Protein cysteine oxidation and dopaminergic cell death induced by pesticides. [Toxicological Sciences](#), 132(1), 300.

92 Sanchez-Guerra, M., Araujo, A., Serrano-Garcia, L. et al. (2013). Genotoxic effects in children environmentally exposed to particulate matter. [Toxicological Sciences](#), 132(1), 320.

93 De Vizcaya-Ruiz, A., Esquivel-Gaon, M., Barbier, O. C. et al. (2013). Comparative in vitro toxicity study of bismuth and bismuth-derivatives nanoparticles. [Toxicological Sciences](#), 132(1), 371.

94 Esquivel-Gaon, M., Uribe-Ramirez, M., Herrera-Jimenez, E., Munoz-Saldana, J., Del Razo, L. M., Monopoli, M., Dawson, K. A., Anguissola, S. & De Vizcaya-Ruiz, A. (2013). Biological impacts of ferroelectric nanoparticles: comparison between lead and bismuth. [Toxicological Sciences](#), 132(1), 374.

95 Del Razo, L. M., Quintanilla-Vega, B., Barbier, O. C. et al. (2013). Comparative in vitro cell uptake of bismuth and bismuth-derivatives nanoparticles in lung cells. [Toxicological Sciences](#), 132(1), 376.

96 Alvarado-Cruz, I., Sanchez-Guerra, M., Hernandez-Cadena, L. et al. (2013). Oxidative and genetic damage in school children from a heavily polluted city. [Toxicological Sciences](#), 132(1), 389.

97 Perez-Herrera, N., Perera-Rios, J., Rodriguez-Uc, A. et al. (2013). Blood and urine cadmium concentrations and micronucleus frequency in buccal epithelium from children in three populations in Yucatan, Mexico. [Toxicological Sciences](#), 132(1), 390.

98 Vargas-Marin, S., Vega, L., Solis-Heredia, M., Ramos-Robles, B., Quintanilla-Vega, B. & Hernandez-Ochoa, I. (2013). Di(2-ethylhexyl) phthalate is not genotoxic in oocytes, but may induce apoptosis in two-cell zygotes. [Toxicological Sciences](#), 132(1), 449.

99 Ramos-Robles, B., Sanchez-Gutierrez, M., Vargas-Marin, S., Acuna-Hernandez, D., Pina-Guzman, B. & Hernandez-Ochoa, I. (2013). Bisphenol a may affect the fertilizing ability of mouse oocytes via mechanisms involving events from sperm penetration into the oocyte to formation of 1-cell zygote. [Toxicological Sciences](#), 132(1), 451.

100 Moore-Ambriz, T., Acuna-Hernandez, D., Ramos-Robles, B., Vargas-Marin, S., Sanchez-Gutierrez, M. & Hernandez-Ochoa, I. (2013). The detrimental effect of bisphenol A on mouse two-cell zygote may depend on the dose. [Toxicological Sciences](#), 132(1), 452.

101 Escobar-Wilches, D. C., Zazueta-Beltran, C. L., Lopez-Gonzalez, M. L. & Sierra-Santoyo, A. (2013). Vinclozolin alters the testosterone homeostasis by regulating the rat liver cytochrome P450. [Toxicological Sciences](#), 132(1), 456.

102 Minjarez. B.D., Valero, L., Rios-Perez, A. D., Sanchez-Del Pino, M., Mena, R. & Luna-Arias, J. P. (2013). Identification of iron regulatory proteins differentially expressed in brains with Alzheimer disease by quantitative proteomics. [Toxicological Sciences](#), 132(1), 461-462.

103 Osorio-Yanez, C., Ayllon-Vergara, J., Arreola-Mendoza, L., Aguilar-Madrid, G., Hernandez-Castellanos, E., Barrera-Hernandez, A., Sanchez-Pena, L. C. & Del Razo, L. M. (2013). Increase blood pressure, changes of left ventricular geometry and function in children environmentally exposed to inorganic arsenic. [Toxicological Sciences](#), 132(1), 487.

104 Styblo, M., Currier, J., Gonzalez-Horta, C. et al. (2013). The retention of trivalent arsenic metabolites in urothelial cells is associated with markers of as ezposure and diabetes. [Toxicological Sciences](#), 132(1), 490.

105 Valdivia, A. G., De Luna, M. C., Ortiz, R., Martinez-De Anda, A., Quezada, T., Jaramillo, F. & Reyes, J. (2013). Ethoxyquin protective effect against aflatoxins chronic intoxication in laying hens. [Toxicological Sciences](#), 132(1), 495.

106 Barbier, O. C., Quintanilla-Vega, B., Del Razo, L. M. et al. (2013). Acute toxicity study of nanoparticles of bismuth trioxide by inhalation exposure in male rats. [Toxicological Sciences](#), 132(1), 510.

107 Anguissola, S., Cooke, L., Garry, D., Esquivel-Gaon, M., De Vizcaya-Ruiz, A., Monopoli, M. & Dawson, K. A. (2013). In vitro/in vivo assessment of engineered nanomaterials using a high-content analysis platform. [Toxicological Sciences](#), 132(1), 512.

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

108 Reyes, J. L., Molina-Jijon, E., Rodriguez-Munoz, R., Bautista-Garcia, P., Debray-Garcia, Y. & Namorado, M. D. (2013). Tight Junction Proteins and Oxidative Stress in Heavy Metals-Induced Nephrotoxicity. [Biomed Research International](#), 2013, 730789.

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