

ARTÍCULOS DEL MES DE AGOSTO DE 2014

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

- 1 Soto-Acosta, R., Bautista-Carbajal, P., Syed, G. H., Siddiqui, A. & Del Angel, R. M. (2014). Nordihydroguaiaretic acid (NDGA) inhibits replication and viral morphogenesis of dengue virus. [Antiviral Research](#), 109, 132-140.
- 2 Flores-Ruiz, F. J., Enriquez-Flores, C. I., Chinas-Castillo, F. & Espinoza-Beltran, F. J. (2014). Nanotribological performance of fullerene-like carbon nitride films. [Applied Surface Science](#), 314, 193-198.
- 3 Suzarte, E., Marcos, E., Gil, L. et al. (2014). Generation and Characterization of Potential Dengue Vaccine Candidates Based on Domain Iii of the Envelope Protein and the Capsid Protein of the Four Serotypes of Dengue Virus. [Archives of Virology](#), 159(7), 1629-1640.
- 4 Aab, A., Abreu, P., Aglietta, M. et al. (2014). A Search for Point Sources of Eev Photons. [Astrophysical Journal](#), 789(2), 160.
- 5 Rojas-Rejon, O. A. & Sanchez, A. (2014). The Impact of Particle Size and Initial Solid Loading on Thermochemical Pretreatment of Wheat Straw for Improving Sugar Recovery. [Bioprocess and Biosystems Engineering](#), 37(7), 1427-1436.
- 6 Ramos-Ramirez, M. V., Lopez-Cuevas, J., Rodriguez-Galicia, J. L. & Rendon-Angeles, J. C. (2014). Solid State Reaction Synthesis of Ba(0.75)Sr(0.25)Al₂O₈ - Al₂O₃ Ceramic Composites From Mechanically Activated Precursor Mixtures. [Boletin De La Sociedad Espanola De Ceramica Y Vidrio](#), 53(3), 121-132.
- 7 Garcia, G., Martinez-Rojas, V. A., Rocha-Gonzalez, H. I., Granados-Soto, V. & Murbartian, J. (2014). Evidence for the participation of Ca²⁺-activated chloride channels in formalin-induced acute and chronic nociception. [Brain Research](#), 1579, 35-44.
- 8 Meza-Rocha, A. N., Canto, C., Andrade, E., De Lucio, O., Huerta, E. F., Gonzalez, F., Rocha, M. F. & Falcony, C. (2014). Visible and near infra-red luminescent emission from Y₂O₃:Er³⁺ films co-doped with Li⁺ and their elemental composition by ion beam analysis. [Ceramics International](#), 40(9, Part B), 14647-14653.
- 9 Jimenez, S., Perez, J. G., Tritt, T. M., Zhu, S., Sosa-Sanchez, J. L., Martinez-Juarez, J. & Lopez, O. (2014). Synthesis and thermoelectric performance of a p-type Bi_{0.4}Sb_{1.6}Te₃ material developed via mechanical alloying. [Energy Conversion and Management](#), 87, 868-873.
- 10 Villamil-Hernandez, M. T., Alcantara-Vazquez, O., Sanchez-Lopez, A., Gutierrez-Lara, E. J. & Centurion, D. (2014). Pharmacological evidence that 5-HT_{1A/1B/1D}, alpha₂-adrenoceptors and D₂-like receptors mediate ergotamine-induced inhibition of the vasopressor sympathetic outflow in pithed rats. [European Journal of Pharmacology](#), 740, 512-521.

11 Andreev, V., Baghdasaryan, A., Begzsuren, K. et al. (2014). Measurement of Feynman-X Spectra of Photons and Neutrons in the Very Forward Direction in Deep-Inelastic Scattering at Hera. [European Physical Journal C](#), 74(6), 2915.

12 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Probing Color Coherence Effects in Pp Collisions at Root S=7 Tev. [European Physical Journal C](#), 74(6), 2901.

13 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Study of the Production of Charged Pions, Kaons, and Protons in Ppb Collisions at Root Snn=5.02 Tev. [European Physical Journal C](#), 74(6), 2847.

14 Arenas-Gomez, B., Vincekovic, M., Garza, C. & Castillo, R. (2014). Worm-Like Micelles in Water Solutions of 1, 4 Poly (1, 3-Butadiene)-Polyethylene Oxide Diblock Copolymer. [European Physical Journal E](#), 37(6), 51.

15 Aguilar-Lopez, R., Martinez-Guerra, R. & Perez-Pinacho, C. A. (2014). Nonlinear Observer for Synchronization of Chaotic Systems With Application to Secure Data Transmission. [European Physical Journal-Special Topics](#), 223(8), 1541-1548.

16 Suaste-Gomez, E., Gonzalez-Moran, C. O., Teran-Jimenez, O. & Rodriguez-Montoya, C. J. (2014). Opto-Thermal Response of Ceramic Controlled Piezoelectric Based on PLZT Implanted with Platinum. [Ferroelectrics](#), 467(1), 158-164.

17 Guerrero-Zarate, R., Alvarez-Gonzalez, C. A., Olvera-Novoa, M. A., Perales-Garcia, N., Frias-Quintana, C. A., Martinez-Garcia, R. & Contreras-Sanchez, W. M. (2014). Partial Characterization of Digestive Proteases in Tropical Gar *Atractosteus Tropicus* Juveniles. [Fish Physiology and Biochemistry](#), 40(4), 1021-1029.

18 Gutierrez-Galeano, D. F., Toscano-Morales, R., Calderon-Perez, B., Xoconostle-Cazares, B. & Ruiz-Medrano, R. (2014). Structural Divergence of Plant Tctps. [Frontiers in Plant Science](#), 5, 361.

19 Carrillo, L. R. G., Colunga, G. R. F., Sanahuja, G. & Lozano, R. (2014). Quad Rotorcraft Switching Control: an Application for the Task of Path Following. [Ieee Transactions on Control Systems Technology](#), 23(4), 1255-1267.

20 Romero-Carbente, J. C., Guzman-Mejia, F., Cruz, S. L., Lopez-Rubalcava, C. & Gonzalez-Espinosa, C. (2014). Role of main neuroendocrine pathways activated by swim stress on mast cell-dependent peritoneal TNF production after LPS administration in mice. [Inflammation Research](#), 63(9), 757-767.

21 Lopez-Veyna, J. I., Sosa-Sosa, V. J. & Lopez-Arevalo, I. (2014). A low redundancy strategy for keyword search in structured and semi-structured data. [Information Sciences](#), 288, 135-152.

22 Perez-Moreno, L., Castaneda-Cabrera, C., Ramos-Tapia, M. & Tafuya-Razo, J. A. (2014). Pre-Emergence Weed Chemical Control in Husk Tomato. [Interciencia](#), 39(6), 422-427.

- 23 Ambrosio, J. R., Ostoa-Saloma, P., Palacios-Arreola, M. I. et al. (2014). Oestradiol and progesterone differentially alter cytoskeletal protein expression and flame cell morphology in *Taenia crassiceps*. [International Journal for Parasitology](#), 44(10), 687-696.
- 24 Peyrot-Solis, M. A., Galvan-Tejada, G. M. & Jardon-Aguilar, H. (2014). Proposal of a Planar Directional Uwb Antenna for Any Desired Operational Bandwidth. [International Journal of Antennas and Propagation](#), 2014, 608538.
- 25 Velez-Arellano, N., Shibayama, M., Ortiz-Ordonez, E., Silva-Olivares, A., Arellano-Martinez, M. & Garcia-Dominguez, F. (2014). Histological Description of Oogenesis in *Chiton Virgulatus* (Mollusca: Polyplacophora). [International Journal of Morphology](#), 32(2), 608-613.
- 26 Mostovoy, J., Perez-Izquierdo, J. M. & Shestakov, I. P. (2014). Nilpotent Sabinin algebras. [Journal of Algebra](#), 419, 95-123.
- 27 Gimenez, A. J., Luna-Barcenas, G., Sanchez, I. C. & Yanez-Limon, J. M. (2014). Nanowire light scattering variation induced by magnetic alignment. [Journal of Applied Physics](#), 116(7), 074305.
- *28 Garcia-Baldenegro, C. V., Vargas-Arispuro, I., Azamar-Barrios, J. A. & Madera-Santana, T. J. (2014). Biodegradable Agar Films With Natural Semiochemical Extract: Effect of Extract Concentration on Physicochemical and Release Properties. [Journal of Biobased Materials and Bioenergy](#), 8(3), 363-369.
- 29 Fonseca-Garcia, A., Mota-Morales, J. D., Quintero-Ortega, I. A. et al. (2014). Effect of doping in carbon nanotubes on the viability of biomimetic chitosan-carbon nanotubes-hydroxyapatite scaffolds. [Journal of Biomedical Materials Part A](#), 102(10), 3341-3351.
- 30 Bello-Perez, L. A., Flores-Silva, P. C., Agama-Acevedo, E., Figueroa-Cardenas, J. D., Lopez-Valenzuela, J. A. & Campanella, O. H. (2014). Effect of the nixtamalization with calcium carbonate on the indigestible carbohydrate content and starch digestibility of corn tortilla. [Journal of Cereal Science](#), 60(2), 421-425.
- 31 Millan-Canongo, C., Orona-Tamayo, D. & Heil, M. (2014). Phloem Sugar Flux and Jasmonic Acid-Responsive Cell Wall Invertase Control Extrafloral Nectar Secretion in *Ricinus communis*. [Journal of Chemical Ecology](#), 40(7), 760-769.
- 32 Navarro-Melendez, A. L. & Heil, M. (2014). Symptomless Endophytic Fungi Suppress Endogenous Levels of Salicylic Acid and Interact With the Jasmonate-Dependent Indirect Defense Traits of Their Host, Lima Bean (*Phaseolus lunatus*). [Journal of Chemical Ecology](#), 40(7), 816-825.
- 33 Garcia-Lara, A. M., Montero-Ocampo, C., Equihua-Guillen, F., Camporredondo-Saucedo, J. E., Servin-Castaneda, R. & Muniz-Valdes, C. R. (2014). Arsenic Removal from Natural Groundwater by Electrocoagulation using Response Surface Methodology. [Journal of Chemistry](#), 2014, 857625.
- 34 Marelja, Z., Dambowsky, M., Bolis, M., Georgiou, M. L., Garattini, E., Missirlis, F. & Leimkuhler, S. (2014). The Four Aldehyde Oxidases of *Drosophila Melanogaster* Have Different Gene Expression Patterns and Enzyme Substrate Specificities. [Journal of Experimental Biology](#), 217(12), 2201-2211.

- 35 Schonfelder, R., Aviles, F., Knupfer, M., Azamar-Barrios, J. A., Gonzalez-Chi, P. I. & Rummeli, M. H. (2014). Influence of Architecture on the Raman Spectra of Acid-Treated Carbon Nanostructures. [Journal of Experimental Nanoscience](#), 9(9), 931-941.
- 36 Chatrchyan, S., Khachatryan, V., Sirunyan, A. et al. (2014). Measurement of the Production Cross Sections for a Z Boson and One or More B Jets in Pp Collisions at Root S=7 Tev. [Journal of High Energy Physics](#), (6), 120.
- 37 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Measurement of the Triple-Differential Cross Section for Photon Plus Jets Production in Proton-Proton Collisions at=7 Tev. [Journal of High Energy Physics](#), (6), 009.
- 38 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Search for New Physics in the Multijet and Missing Transverse Momentum Final State in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (6), 055.
- 39 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Search for Pair Production of Excited Top Quarks in the Lepton Plus Jets Final State. [Journal of High Energy Physics](#), (6), 125.
- 40 Chatrchyan, S., Khachatryan, V., Sirunyan, A. M. et al. (2014). Search for $W^+ \rightarrow T_b$ Decays in the Lepton Plus Jets Final State in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (5), 108.
- 41 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2014). Measurement of the T-Channel Single-Top-Quark Production Cross Section and of the $|V(T_b)|$ Ckm Matrix Element in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (6), 090.
- 42 Zuniga-Galindo, W. A. (2014). The Cauchy Problem for Non-Archimedean Pseudodifferential Equations of Klein-Gordon type. [Journal of Mathematical Analysis and Applications](#), 420, 1033-1050.
- 43 Munoz-Flores, B. M., Santillan, R., Farfan, N. et al. (2014). Synthesis, X-ray diffraction analysis and nonlinear optical properties of hexacoordinated organotin compounds derived from Schiff bases. [Journal of Organometallic Chemistry](#), 769, 64-71.
- 44 Gomez-Castro, C. Z., Vela, A., Quintanar, L., Grande-Aztatzi, R., Mineva, T. & Goursot, A. (2014). Insights into the Oxygen-Based Ligand of the Low pH Component of the Cu²⁺-Amyloid-Beta Complex. [Journal of Physical Chemistry B](#), 118(34), 10052-10064.
- 45 Midya, B. & Fernandez, D. J. (2014). Dirac Electron in Graphene Under Supersymmetry Generated Magnetic Fields. [Journal of Physics A-Mathematical and Theoretical](#), 47(28), 285302.
- 46 Aguilera, L. U. & Rodriguez-Gonzalez, J. (2014). Studying HIV latency by modeling the interaction between HIV proteins and the innate immune response: Journal of Theoretical Biology. [Journal of Theoretical Biology](#), 360, 67-77.
- 47 Perez, A. G., Lopez, X. H., Jimenez, V. M. V., Martinez, A. M. & Ysunza, P. A. (2014). Synchronous Electrical Stimulation of Laryngeal Muscles: an Alternative for Enhancing Recovery of Unilateral Recurrent Laryngeal Nerve Paralysis. [Journal of Voice](#), 28(4), 524.

48 Raya-Rivera, A. M., Esquiliano, D., Fierro-Pastrana, R., Lopez-Bayghen, E., Valencia, P., Ordorica-Flores, R., Soker, S., Yoo, J. J. & Atala, A. (2014). Tissue-Engineered Autologous Vaginal Organs in Patients: a Pilot Cohort Study. [Lancet](#), 384(9940), 329-336.

49 Quintero-Torres, R., Castillo-Matadamas, H. A., Young, J. F. & Cruz, R. M. B. (2014). Complex Temporal Decay: a Complete Analysis. [Luminescence](#), 29(5), 440-444.

50 Gasca-Tirado, J. R., Manzano-Ramirez, A., Vazquez-Landaverde, P. A., Herrera-Diaz, E. I., Rodriguez-Ugarte, M. E., Rubio-Avalos, J. C., Amigo-Borras, V. & Chavez-Perez, M. (2014). Ion-exchanged geopolymer for photocatalytic degradation of a volatile organic compound. [Materials Letters](#), 134, 222-224.

51 Ravichandran, M., Oza, G., Velumani, S., Tapia-Ramirez, J., Garcia-Sierra, F., Barragan-Andrade, N., Garza-Navarro, M. A., Garcia-Gutierrez, D. I. & Asomoza, R. (2014). One-dimensional ordered growth of magneto-crystalline and biocompatible cobalt ferrite nano-needles. [Materials Letters](#), 135, 67-70.

52 Ortega, J. J., Aguilar-Frutis, M. A., Alarcon, G., Falcony, C., Mendez-Garcia, V. H. & Araiza, J. J. (2014). Band Gap Engineering of Indium Zinc Oxide by Nitrogen Incorporation. [Materials Science and Engineering B-Advanced Functional Solid-State Materials](#), 187, 83-88.

53 Rodriguez-Angeles, A., Sira-Ramirez, H. & Garcia-Antonio, J. A. (2014). A Vehicle Haptic Steering by Wire System Based on High Gain Gpi Observers. [Mathematical Problems in Engineering](#), 2014, 981276.

* 54 Cortez-Valadez, M., Bocarando-Chacon, J. G., Hernandez-Martinez, A. R. et al. (2014). Optical Properties and Radial Breathing Modes Present in Cu Amorphous Quantum Dots Obtained by Green Synthesis. [Nanoscience and Nanotechnology Letters](#), 6(7), 580-583.

55 Rodriguez, A., Ortega, A., Berumen, L. C., Garcia-Alcocer, M. G., Gimenez, C. & Zafra, F. (2014). Expression of the System N Transporter (Snat5/Sn2) During Development Indicates Its Plausible Role in Glutamatergic Neurotransmission. [Neurochemistry International](#), 73, 166-171.

56 Soto-Arredondo, K. J., Flores-Villavicencio, L. L., Serrano-Luna, J. J., Shibayama, M. & Sabanero-Lopez, M. (2014). Biochemical and Cellular Mechanisms Regulating Acanthamoeba Castellani Adherence to Host Cells. [Parasitology](#), 141(4), 531-541.

57 Martinez-Rojas, V. A., Barragan-Iglesias, P., Rocha-Gonzalez, H. I., Murbartian, J. & Granados-Soto, V. (2014). Role of TRPV1 and ASIC3 in formalin-induced secondary allodynia and hyperalgesia. [Pharmacological Reports](#), 66(6), 964-971.

58 Resendiz-Antonio, M. & Santillan, M. (2014). On the Dynamical Vs. Thermodynamical Performance of a Beta-Type Stirling Engine. [Physica a-Statistical Mechanics and Its Applications](#), 409, 162-174.

59 Quintero, N., Diaz-Cruz, J. L. & Castro, G. L. (2014). Lepton Pair Emission in the Top Quark Decay $T \rightarrow Bw^{+}L^{-}L^{+}$. [Physical Review D](#), 89(9), 093014.

60 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2014). Precision Measurement of the Top Quark Mass in Lepton Plus Jets Final States. [Physical Review Letters](#), 113(3), 032002.

61 Abelev, B., Adam, J., Adamova, D. et al. (2014). Centrality, Rapidity and Transverse Momentum Dependence of J/Psi Suppression in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. [Physics Letters B](#), 734, 314-327.

62 Casique-Arroyo, G., Martinez-Gallardo, N., De La Vara, L. G. & Delano-Frier, J. P. (2014). Betacyanin Biosynthetic Genes and Enzymes Are Differentially Induced by (a)Biotic Stress in *Amaranthus Hypochondriacus*. [Plos One](#), 9(6), e99012.

63 Reyes-Hernandez, O. D., Vega, L., Jimenez-Rios, M. A., Martinez-Cervera, P. F., Lugo-Garcia, J. A., Hernandez-Cadena, L., Ostrosky-Wegman, P., Orozco, L. & Elizondo, G. (2014). The Pxr Rs7643645 Polymorphism Is Associated With the Risk of Higher Prostate-Specific Antigen Levels in Prostate Cancer Patients. [Plos One](#), 9(6), e99974.

64 Plascencia-Espinosa, M., Santiago-Hernandez, A., Pavon-Orozco, P., Vallejo-Becerra, V., Trejo-Estrada, S., Sosa-Peinado, A., Benitez-Cardoza, C. G. & Hidalgo-Lara, M. E. (2014). Effect of deglycosylation on the properties of thermophilic invertase purified from the yeast *Candida guilliermondii* MplIIa. [Process Biochemistry](#), 49(9), 1480-1487.

65 Beltran-Carbajal, F., Silva-Navarro, G. & Arias-Montiel, M. (2014). Active Vibration Control in a Jeffcott-Like Rotor With Variable Speed Using an Electromechanical Suspension. [Revista Iberoamericana De Automatica E Informatica Industrial](#), 11(3), 295-303.

66 Banuelos-Hernandez, A. E. & Mendoza-Espinoza, J. A. (2014). Synthesis of the 2,3,4-triacetyl-1,6-dideoxy-L-mannose and tetracetyl-3,6-dideoxy-L-mannitol and the study of the reaction mechanism by molecular modeling. [Russian Journal of General Chemistry](#), 84(7), 1450-1457.

67 Ramirez-Rosas, M. B., Cobos-Puc, L. E., Sanchez-Lopez, A., Gutierrez-Lara, E. J. & Centurion, D. (2014). Pharmacological characterization of the mechanisms involved in the vasorelaxation induced by progesterone and 17Beta-estradiol on isolated canine basilar and internal carotid. [Steroids](#), 89, 33-40.

68 Marquez-Herrera, A., Fernandez-Munoz, J. L., Zapata-Torres, M., Melendez-Lira, M. & Cruz-Alcantar, P. (2014). Fe2B coating on ASTM A-36 steel surfaces and its evaluation of hardness and corrosion resistance. [Surface and Coatings Technology](#), 254, 433-439.

69 Del-Oso, J. A., Maldonado, J. L., Ramos-Ortiz, G., Rodriguez, M., Guizado-Rodriguez, M., Escalante, J., Frontana-Urbe, B. A., Perez-Gutierrez, E. & Santillan, R. (2014). New polythiophene derivatives and enhanced photovoltaic effect by a boron compound blended with them in OPVs cells. [Synthetic Metals](#), 196, 83-91.

70 Uriostegui-Acosta, M., Hernandez-Ochoa, I., Sanchez-Gutierrez, M., Pina-Guzman, B., Rafael-Vazquez, L., Solis-Heredia, M. J., Martinez-Aguilar, G. & Quintanilla-Vega, B. (2014). Methamidophos alters sperm function and DNA at different stages of spermatogenesis in mice. [Toxicology and Applied Pharmacology](#), 279(3), 391-400.

71 Hernandez-Pedro, N., Granados-Soto, V., Ordonez, G., Pineda, B., Rangel-Lopez, E., Salazar-Ramiro, A., Arrieta, O. & Sotelo, J. (2014). Vitamin A increases nerve growth factor and retinoic acid receptor beta and improves diabetic neuropathy in rats. [Translational Research](#), 164(3), 196-201.

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

72 Chi-Ucan, S. L., Castillo-Atoche, A., Borges, P. C., Manzanilla-Cano, J. A., Gonzalez-Garcia, G., Patino, R. & Diaz-Ballote, L. (2014). Inhibition Effect of Glycerol on the Corrosion of Copper in NaCl Solutions at Different Ph Values. [Journal of Chemistry](#), 2014, 396405.

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

73 Flisser, A., Ortega-Pierres, G., Talamas, P., Correa, D. & Hernandez-Hernandez, F. C. (2014). Editorial for the ICOPA XIII Special Issue. [International Journal for Parasitology](#), 44(9), 579.

ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

74 Cruz-Ortiz, B. R., Byrne, J. A., Dunlop, P. S., Magee, E., Fernandez-Ibanez, P., Polo-Lopez, M. I., O'Shea, K., Dionysiou, D. D. & Hamilton, J. W. (2014). Solar photocatalytic disinfection of water for developing countries. [Abstracts of Papers of the American Chemical Society](#), 248, ENVR-171.

75 Aquino-Miranda, G., Escamilla-Sanchez, J., Gonzalez-Pantoja, R., Bueno-Nava, A. & Arias-Montano, J. A. (2014). Effect of Histamine H-3 Receptor Activation on Rat Nucleus Accumbens Dopaminergic Transmission. [Inflammation Research](#), 63, S11-S12.

76 Morales-Figueroa, G. E., Marquez-Gomez, R., Gonzalez-Pantoja, R., Escamilla-Sanchez, J. & Arias-Montano, J. A. (2014). Histamine H-3 Receptor Activation Prevents Adenosine a(2a) Receptor-Mediated Facilitation of K+-Evoked [H-3]-Gaba Release From Rat Globus Pallidus Synaptosomes. [Inflammation Research](#), 63, S11.

77 Barragan-Galvez, J. C., Brieba-Castro, L. & Ortiz-Navarrete, V. (2014). Characterization of the Second Immunoglobulin Domain (Ig2) of the Human Receptor Crtam/Cd355 and Its Role in the Formation of Dimer. [Protein Science](#), 23, 219.

78 Melendez, E. M., Trigueros, J. L. R., De Castro, L. G. B., Verastegui, R. A. & Cardoza, C. G. B. (2014). Effect of Mg 2+in the Structure and Thermal Stability of Enolase From Trichomonas Vaginalis. [Protein Science](#), 23, 244-245.

79 Vique, J. L., Brieba, L. G., Arroyo, R., Ortega, J., Rojo, A., Garcia, P. & Benitez, C. (2014). Rational Search for a Compound That Selectively Inhibits the Triose Phosphate Isomerase From Trichomonas Vaginalis. [Protein Science](#), 23, 96-97.

80 Alvarado-Cruz, I., Sanchez-Guerra, M., Hernandez-Cadena, L., De Vizcaya-Ruiz, A., Mugica, V., Baccarelli, A., Pelallo-Martinez, N. & Quintanilla-Vega, B. (2014). Hypermethylation of DNA repair genes in urban children exposed to particulate matter. [Toxicology Letters](#), 229, S53.

81 Chin-Chan, M., Bautista, E., Segovia, J. & Quintanilla-Vega, B. (2014). Mercury prevents the differentiation of SH-SY5Y cells induced by retinoic acid. [Toxicology Letters](#), 229, S59-S60.

82 Escarcega-Gonzalez, C. E., Rodriguez-Vazquez, M. L., Jaramillo-Juarez, F., De La Cerda-Gonzalez, E., Martinez-Ruvalcaba, H., Posadas-Del Rio, F. A. & Escalante-Acosta, B. A. (2014). Analysis of the preventive effect of Ginkgo biloba on renal effects of titanium dioxide nanoparticles in adult male rats. [Toxicology Letters](#), 229, S190.

83 Navarro-Yepes, J., Annadurai, A., Bradley, E., Yarabe, B., Franco, R. & Quintanilla-Vega, B. (2014). Paraquat-induced ubiquitin/proteasome system dysfunction is compensated by P62-mediated autophagic clearance of oxidized/damaged proteins. [Toxicology Letters](#), 229, S75.

84 Posadas-Mondragon, A., Angulo-Rojo, C., Rios-Perez, A. et al. (2014). Toluene diisocyanate effect on A549 cells in the expression of c-Myc, NFkappaB and target genes. [Toxicology Letters](#), 229, S216-S217.

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

85 Garcia-Guzman, G. & Heil, M. (2014). Life Histories of Hosts and Pathogens Predict Patterns in Tropical Fungal Plant Diseases. [New Phytologist](#), 201(4), 1106-1120.