

ARTÍCULOS DEL MES DE OCTUBRE DE 2016

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

- 1 Medellín-Castillo, N. A., Padilla-Ortega, E., Tovar-Garcia, L. D., Leyva-Ramos, R., Ocampo-Perez, R., Carrasco-Marin, F. & Berber-Mendoza, M. S. (2016). Removal of Fluoride From Aqueous Solution Using Acid and Thermally Treated Bone Char. [Adsorption-Journal of the International Adsorption Society](#), 22(7), 951-961.
- 2 Moreno, M., Alonzo-Medina, G. M., Oliva, A. I. & Oliva-Aviles, A. I. (2016). Cadmium Sulfide Thin Films Deposited Onto Mwcnt/Polysulfone Substrates by Chemical Bath Deposition. [Advances in Materials Science and Engineering](#), 2016, 2890717.
- 3 Raygosa-Barahona, R., Ruiz-Martinez, G., Marino-Tapia, I. & Heyser-Ojeda, E. (2016). Design and initial testing of a piezoelectric sensor to quantify aeolian sand transport. [Aeolian Research](#), 22, 127-134.
- 4 Roque-Maciel, L., Arambula-Villa, G., Lopez-Espindola, M., Ortiz-Laurel, H., Carballo-Carballo, A. & Herrera-Corredor, J. A. (2016). Nixtamalization of Five Corn Varieties With Different Kernel Hardness: Impact in Fuel Consumption and Physicochemical Properties. [Agrociencia](#), 50(6), 727-745.
- 5 Licona-Cassani, C., Steen, J. A., Zaragoza, N. E., Moonen, G., Moutafis, G., Hodson, M. P., Power, J., Nielsen, L. K. & Marcellin, E. (2016). Tetanus toxin production is triggered by the transition from amino acid consumption to peptides. [Anaerobe](#), 41, 113-124.
- 6 Hernandez-Munoz, W., Serrato-Rodriguez, J., Munoz-Saldana, J. & Zarate-Medina, J. (2016). Synthesis of lanthanum aluminate by reverse chemical precipitation using pseudoboehmite as alumina precursor. [Applied Radiation and Isotopes](#), 117, 96-99.
- 7 Clempner, J. B. & Poznyak, A. S. (2016). Conforming Coalitions in Markov Stackelberg Security Games: Setting Max Cooperative Defenders Vs. Non-Cooperative Attackers. [Applied Soft Computing](#), 47, 1-11.
- 8 Azcorra, H., Vazquez-Vazquez, A., Cardenas, J. E. B. & Salazar-Rendon, J. C. (2016). Growth and Nutritional Status of School Age Children of Three Communities From Yucatan, Mexico. [Archivos Latinoamericanos De Nutricion](#), 66(2), 135-141.
- 9 Rodriguez, L. F., Gutierrez-Garcia, J. O. & Ramos, F. (2016). Modeling the Interaction of Emotion and Cognition in Autonomous Agents. [Biologically Inspired Cognitive Architectures](#), 17, 57-70.
- 10 Roa-Espitia, A. L., Hernandez-Rendon, E. R., Baltierrez-Hoyos, R., Munoz-Gotera, R. J., Cote-Velez, A., Jimenez, I., Gonzalez-Marquez, H. & Hernandez-Gonzalez, E. O. (2016). Focal Adhesion Kinase Is Required for Actin Polymerization and Remodeling of the Cytoskeleton During Sperm Capacitation. [Biology Open](#), 5(9), 1189-1199.

11 Carballo-Villalobos, A. I., Gonzalez-Trujano, M. E., Pellicer, F. & Lopez-Munoz, F. J. (2016). Antihyperalgesic Effect of Hesperidin Improves With Diosmin in Experimental Neuropathic Pain. [Biomed Research International](#), 2016, 8263463.

12 Paolinelli-Alfonso, M., Villalobos-Escobedo, J. M., Rolshausen, P., Herrera-Estrella, A., Galindo-Sanchez, C., Lopez-Hernandez, J. F. & Hernandez-Martinez, R. (2016). Global Transcriptional Analysis Suggests Lasiodiplodia Theobromae Pathogenicity Factors Involved in Modulation of Grapevine Defensive Response. [Bmc Genomics](#), 17, 615.

13 Ponce, A., Larre, I., Castillo, A., Flores-Maldonado, C., Verdejo-Torres, O., Contreras, R. G. & Cereijido, M. (2016). Ouabain Modulates the Distribution of Connexin 43 in Epithelial Cells. [Cellular Physiology and Biochemistry](#), 39(4), 1329-1338.

14 Montes-Monsalve, J. I., Morales-Acevedo, A., Bernal-Correa, R. & Pulzara-Mora, A. (2016). Characterization of CuInSe₂ Thin Films Obtained by Rf Magnetron Co-Sputtering From CuSe and In Targets. [Chalcogenide Letters](#), 13(8), 381-388.

15 Rodriguez-Hernandez, P. E., De Moure-Flores, F., Guillen-Cervantes, A. et al. (2016). Physical Properties of In₂S₃ Thin Films Grown by Chemical Bath Deposition at Different Temperatures. [Chalcogenide Letters](#), 13(8), 389-396.

16 Lizardi-Jimenez, M. A., Sanches, E. Y. L., Gomez-De-Jesus, A., Garcia-Cruz, N. U. & Hernandez-Flores, C. I. (2016). Sinkhole-Native Oil-Degrading Microbial Consortium for Hydrocarbon-Polluted Seawater Remediation. [Clean-Soil Air Water](#), 44(8), 1046-1050.

17 Solorzano-Lopez, J., Garcia-Pastor, F. A. & Flores-Luna, A. (2016). A Numerical Study Comparing the Effect on Residual Stresses of Two Different Types of Projectiles During Shot Peening. [Cmc-Computers Materials & Continua](#), 51(3), 203-215.

18 Farias-Cepeda, L., Herrera-Ordóñez, J., Estevez, M., Luna-Barcenas, G. & Rosales-Marines, L. (2016). New Insights on Surfactant-Free Styrene Emulsion Polymerization in the Presence of Sodium Styrene Sulfonate. [Colloid and Polymer Science](#), 294(10), 1571-1576.

19 Diaz-Manriquez, A., Toscano, G., Barron-Zambrano, J. H. & Tello-Leal, E. (2016). R²-Based Multi/Many-Objective Particle Swarm Optimization. [Computational Intelligence and Neuroscience](#), 2016, 1898527.

20 Olivares, U., Rodriguez, H. G., Garcia, A. & Ramos, F. F. (2016). Efficient Construction of Bounding Volume Hierarchies Into a Complete Octree for Ray Tracing. [Computer Animation and Virtual Worlds](#), 27(3-4), 358-368.

21 Munoz-Hernandez, M. D., Morales-Sandoval, M. & Garcia-Hernandez, J. J. (2016). An End-to-End Security Approach for Digital Document Management. [Computer Journal](#), 59(7), 1076-1090.

22 Chakraborty, D. & Sarkar, P. (2016). On Modes of Operations of a Block Cipher for Authentication and Authenticated Encryption. [Cryptography and Communications-Discrete-Structures Boolean Functions and Sequences](#), 8(4), 455-511.

- 23 Ochoa, M. E., Aguilar-Granda, A., Ramirez-Montes, P. I., Barba, V., Lopez, Y., Santillan, R. & Farfan, N. (2016). Designed Synthesis of "L" Shaped 17-Halo-Aryl-Ethynyl Steroids. [Crystengcomm](#), 18(36), 6830-6840.
- 24 Zamora, E. & Yu, W. (2016). Novel Autonomous Navigation Algorithms in Dynamic and Unknown Environments. [Cybernetics and Systems](#), 47(7), 523-543.
- 25 Ibarra, M. A. L., Guardado, J. L., Rivas-Davalos, F., Jimenez, J. T. & Naredo, J. L. (2016). An Elitist Local Search Based Multi-Objective Algorithm for Power Distribution System Reconfiguration. [Electric Power Components and Systems](#), 44(16), 1839-1853.
- 26 Paternina, M. R. A., Ramirez, J. M. & Mendez, A. Z. (2016). Real-Time Implementation of the Digital Taylor-Fourier Transform for Identifying Low Frequency Oscillations. [Electric Power Systems Research](#), 140, 846-853.
- 27 Fernandez, J., Schutze, O., Hernandez, C., Sun, J. Q. & Xiong, F. R. (2016). Parallel Simple Cell Mapping for Multi-Objective Optimization. [Engineering Optimization](#), 48(11), 1845-1868.
- 28 Torres-Sanchez, L., Lopez-Carrillo, L., Rosado, J. L., Rodriguez, V. M., Vera-Aguilar, E., Kordas, K., Garcia-Vargas, G. G. & Cebrian, M. E. (2016). Sex differences in the reduction of arsenic methylation capacity as a function of urinary total and inorganic arsenic in Mexican children. [Environmental Research](#), 151, 38-43.
- 29 Lopez-Carrillo, L., Gamboa-Loira, B., Becerra, W., Hernandez-Alcaraz, C., Hernandez-Ramirez, R. U., Gandolfi, A. J., Franco-Marina, F. & Cebrian, M. E. (2016). Dietary micronutrient intake and its relationship with arsenic metabolism in Mexican women. [Environmental Research](#), 151, 445-450.
- 30 Palma-Cruz, F. D., Perez-Vargas, J., Casado, N. A. R., Guzman, O. G. & Calva-Calva, G. (2016). Phytoremediation Potential and Ecological and Phenological Changes of Native Pioneer Plants From Weathered Oil Spill-Impacted Sites at Tropical Wetlands. [Environmental Science and Pollution Research](#), 23(16), 16359-16371.
- 31 Vasquez-Rios, M. G., Reyes-Marquez, V., Hopfl, H. et al. (2016). 23-and 27-Membered Macrocyclic Diorganotin(IV) Bis-Dithiocarbamates: Synthesis, Spectroscopic Characterization, Dft Calculations, and Physicochemical Analysis as Anion Receptors. [European Journal of Inorganic Chemistry](#), (21), 3429-3440.
- 32 Can-Herrera, L. A., Avila-Ortega, A., De la Rosa-Garcia, S., Oliva, A. I., Cauich-Rodriguez, J. V. & Cervantes-Uc, J. M. (2016). Surface modification of electrospun polycaprolactone microfibers by air plasma treatment: Effect of plasma power and treatment time. [European Polymer Journal](#), 84, 502-513.
- 33 Cabrera, R., Rodriguez-Romero, A., Guarneros, G. & De La Torre, M. (2016). New Insights Into the Interaction Between the Quorum-Sensing Receptor Nprp and Its Dna Target, or the Response Regulator Spo0f. [Febs Letters](#), 590(18), 3243-3253.
- 34 Gutierrez, R. M. P. & Ramirez, A. M. (2016). Hypoglycemic Effects of Sesquiterpene Lactones From *Byrsonima Crassifolia*. [Food Science and Biotechnology](#), 25(4), 1135-1145.

35 Wong-Baeza, C., Resendiz-Mora, A., Donis-Maturano, L. et al. (2016). Anti-Lipid IgG Antibodies Are Produced Via Germinal Centers in a Murine Model Resembling Human Lupus. [Frontiers in Immunology](#), 7, 396.

36 Gonzalez-Aguilera, K. L., Saad, C. F., Montes, R. A. C., Alves-Ferreira, M. & De Folter, S. (2016). Selection of Reference Genes for Quantitative Real-Time Rt-Pcr Studies in Tomato Fruit of the Genotype Mt-Rg1. [Frontiers in Plant Science](#), 7, 1386.

37 Chateigner-Boutin, A. L., Ordaz-Ortiz, J. J., Alvarado, C., Bouchet, B., Durand, S., Verherbruggen, Y., Barriere, Y. & Saulnier, L. (2016). Developing Pericarp of Maize: a Model to Study Arabinoxylan Synthesis and Feruloylation. [Frontiers in Plant Science](#), 7, 1476.

38 Felix-Valdez, L. I., Vargas-Ponce, O., Cabrera-Toledo, D., Casas, A., Cibrian-Jaramillo, A. & De La Cruz-Larios, L. (2016). Effects of Traditional Management for Mescal Production on the Diversity and Genetic Structure of Agave Potatorum (Asparagaceae) in Central Mexico. [Genetic Resources and Crop Evolution](#), 63(7), 1255-1271.

39 Velazquez-Abunader, I., Lopez-Rocha, J. A., Arellano-Martinez, M., Ceballos-Vazquez, B. P. & Cabrera, M. A. (2016). Estimation of Growth Parameters in a Wild Population of Lion-Paw Scallop (*Nodipecten Subnodosus*) in Bahia De Los Angeles, Baja California, Mexico. [Hidrobiologica](#), 26(1), 133-142.

40 May-Ku, M. A., Valdes-Lozano, D. & Ardisson, P. L. (2016). Spatial and Temporal Variations in Physicochemical Characteristics of Water and Sediment in the Yalahau Coastal Lagoon, Quintana Roo. [Hidrobiologica](#), 26(1), 41-51.

41 Li, X. O., Yu, W. & Villegas, S. (2016). Structural Health Monitoring of Building Structures With Online Data Mining Methods. [Ieee Systems Journal](#), 10(3), 1291-1300.

42 Guzman, A. N., Di Gennaro, S., Dominguez, J. R., Lua, C. A., Loukianov, A. G. & Castillo-Toledo, B. (2016). Enhanced Discrete-Time Modeling Via Variational Integrators and Digital Controller Design for Ground Vehicles. [Ieee Transactions on Industrial Electronics](#), 63(10), 6375-6385.

43 Bayro-Corrochano, E., Vazquez-Santacruz, E., Moya-Sanchez, E. & Castillo-Munis, E. (2016). Geometric Bioinspired Networks for Recognition of 2-D and 3-D Low-Level Structures and Transformations. [Ieee Transactions on Neural Networks and Learning Systems](#), 27(10), 2020-2034.

44 Ramirez, A., Mehrizi-Sani, A., Hussein, D., Matar, M., Abdel-Rahman, M., Chavez, J. J., Davoudi, A. & Kamalasadani, S. (2016). Application of Balanced Realizations for Model-Order Reduction of Dynamic Power System Equivalents. [Ieee Transactions on Power Delivery](#), 31(5), 2304-2312.

45 Arvizu, C. M. C. & Messina, A. R. (2016). Dimensionality Reduction in Transient Simulations: a Diffusion Maps Approach. [Ieee Transactions on Power Delivery](#), 31(5), 2379-2389.

46 Perez-Garibay, R., Gonzalez-Garcia, A. P., Fuentes-Aceituno, J. C., Rendon-Angeles, J. C. & Bello-Teodoro, S. (2016). Synthesis of Mn₂O₃ From Manganese Sulfated Leaching Solutions. [Industrial & Engineering Chemistry Research](#), 55(35), 9468-9475.

- 47 Miranda-Ozuna, J. F. T., Hernandez-Garcia, M. S., Brieba, L. G., Benitez-Cardoza, C. G., Ortega-Lopez, J., Gonzalez-Robles, A. & Arroyo, R. (2016). The Glycolytic Enzyme Triosephosphate Isomerase of *Trichomonas Vaginalis* Is a Surface-Associated Protein Induced by Glucose That Functions as a Laminin- and Fibronectin-Binding Protein. [Infection and Immunity](#), 84(10), 2878-2894.
- 48 Pena-Romo, A., Gomez-Mendez, A. M., Rios, A., Escalante, B. A. & Rodriguez-Gonzalez, J. (2016). Noise enhanced the electrical stimulation-contractile response coupling in isolated mouse heart. [International Journal of Cardiology](#), 221, 155-160.
- 49 Rodriguez-Achach, M., Coronel-Brizio, H. F., Hernandez-Montoya, A. R., Huerta-Quintanilla, R. & Canto-Lugo, E. (2016). The One-Dimensional Minesweeper Game: What Are Your Chances of Winning? [International Journal of Modern Physics C](#), 27(11), 1650127.
- 50 Ohlmaier-Delgadillo, F., Castillo-Ortega, M. M., Ramirez-Bon, R., Armenta-Villegas, L., Rodriguez-Felix, D. E., Santacruz-Ortega, H., Del Castillo-Castro, T. & Santos-Sauceda, I. (2016). Photocatalytic Properties of Pmma-Tio₂ Class I and Class II Hybrid Nanofibers Obtained by Electrospinning. [Journal of Applied Polymer Science](#), 133(48), 44334.
- 51 De Oca Lyjgm, Avelar, T. C., Garrido, G. I. P., Chagoya-Lopez, A., De La Vara, L. G., Buenrostro, N. L. D., Chirino-Lopez, Y. I., Gomez-Lojero, C. & Gutierrez-Cirlos, E. B. (2016). Cardiolipin Deficiency Causes a Dissociation of the B (6) C:Ca₃ (3) Megacomplex in *B-Subtilis* Membranes. [Journal of Bioenergetics and Biomembranes](#), 48(4), 451-467.
- 52 Perera-Burgos, J. A., Mendez-Alcaraz, J. M., Perez-Angel, G. & Castaneda-Priego, R. (2016). Assessment of the Micro-Structure and Depletion Potentials in Two-Dimensional Binary Mixtures of Additive Hard-Disks. [Journal of Chemical Physics](#), 145(10), 104905.
- 53 Benavides-Parra, J. C., Jacinto-Mendez, D., Brotons, G. & Carbajal-Tinoco, M. D. (2016). Brownian Motion Near a Liquid-Gas Interface. [Journal of Chemical Physics](#), 145(11), 114902.
- 54 Ortiz-Ordóñez, E., Lopez-Lopez, E., Sedeno-Diaz, J. E., Uria, E., Morales, I. A., Perez, M. E. & Shibayama, M. (2016). Liver Histological Changes and Lipid Peroxidation in the Amphibian *Ambystoma Mexicanum* Induced by Sediment Elutriates From the Lake Xochimilco. [Journal of Environmental Sciences](#), 46, 156-164.
- 55 Santiago, F. H., Moreno, J. P., Cazares, B. X., Suarez, J. J. A., Trejo, E. O., De Oca, G. M. M. & Aguilar, I. D. (2016). Traditional Knowledge and Use of Wild Mushrooms by Mixtecs or Nuu Savi, the People of the Rain, From Southeastern Mexico. [Journal of Ethnobiology and Ethnomedicine](#), 12, 35.
- 56 Mellado-Mojica, E., Seeram, N. P. & Lopez, M. G. (2016). Comparative Analysis of Maple Syrups and Natural Sweeteners: Carbohydrates Composition and Classification (Differentiation) by Hpaec-Pad and Ftir Spectroscopy-Chemometrics. [Journal of Food Composition and Analysis](#), 52, 1-8.

- 57 Fitch-Vargas, P. R., Aguilar-Palazuelos, E., Zazueta-Morales, J. D., Vega-Garcia, M. O., Valdez-Morales, J. E., Martinez-Bustos, F. & Jacobo-Valenzuela, N. (2016). Physicochemical and Microstructural Characterization of Corn Starch Edible Films Obtained by a Combination of Extrusion Technology and Casting Technique. [Journal of Food Science](#), 81(9), E2224-E2232.
- 58 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for S Channel Single Top Quark Production in Pp Collisions at Root S=7 and 8 Tev. [Journal of High Energy Physics](#), (9), 027.
- 59 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Elliptic Flow of Electrons From Heavy-Flavour Hadron Decays at Mid-Rapidity in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Journal of High Energy Physics](#), (9), 028.
- 60 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Higgs Boson Off-Shell Production in Proton-Proton Collisions at 7 and 8 Tev and Derivation of Constraints on Its Total Decay Width. [Journal of High Energy Physics](#), (9), 051.
- 61 Gomez, R., Torres-Sanchez, L., Camacho-Mejorado, R., Burguete-Garcia, A. I., Vazquez-Salas, R. A., Martinez-Nava, G. A., Santana, C. & Noris, G. (2016). Androgen Receptor Cag Polymorphism and Sporadic and Early-Onset Prostate Cancer Among Mexican Men. [Journal of Human Genetics](#), 61(9), 781-786.
- 62 Rodriguez-Aranda, M. C., Calderon-Pinar, F., Hernandez-Landaverde, M. A., Heiras, J., Zamorano-Ulloa, R., Ramirez-Rosales, D. & Yanez-Limon, J. M. (2016). Photoluminescence of Sol-Gel Synthesized Pzt Powders. [Journal of Luminescence](#), 179, 280-286.
- 63 Gomez-Acosta, A., Barquera-Bibiano, Z., Lopez-Naranjo, E. J., Reyes-Araiza, J. L., Torres-Delgado, G., Barbosa-Garcia, O., Rivera-Munoz, E. M., Velazquez-Castillo, R. & Manzano-Ramirez, A. (2016). Morphology Effect of Silver Nanostructures on the Performance of a P3ht: Graphene: Agns-Based Active Layer Obtained Via Dip Coating. [Journal of Nanomaterials](#), 2016, 2305857.
- 64 Paz-Michel, B. A., De la Cruz-Cruz, J. I., Juarez-Saavedra, P., Leyva-Ramirez, M. A. & Paz-Sandoval, M. A. (2016). Addition reactions of Cp*Ru(1-5-+-CH2CHCRCHSO2) (R = H, Me) with carbon monoxide, phosphorus, sulfur and nitrogen ligands: Spectroscopic and structural characterization of Cp*Ru(1-2,5-eta-butadienesulfonyl)(L). [Journal of Organometallic Chemistry](#), 822, 196-210.
- 65 Olguin, J., Diaz-Fernandez, M., De la Cruz-Cruz, J. I. & Paz-Sandoval, M. A. (2016). Mixed heteropentadienyl and N-heterocyclic carbene ruthenium(II) complexes: Synthesis and transfer hydrogenation catalysis. [Journal of Organometallic Chemistry](#), 824, 33-41.
- 66 Martin-Tovar, E. A., Denis-Alcocer, E., Diaz, E. C. Y., Castro-Rodriguez, R. & Iribarren, A. (2016). Tuning of Refractive Index in Al-Doped Zno Films by Rf-Sputtering Using Oblique Angle Deposition. [Journal of Physics D-Applied Physics](#), 49(29), 295302.
- 67 Diaz-Ballote, L., Castillo-Atoche, A., Maldonado, L., Ruiz-Gomez, M. A. & Hernandez, E. (2016). Effect of Commercial Metals (Al, Cu, Carbon Steel, and Zn) on the Oxidation of Soy-Biodiesel. [Journal of Physics D-Applied Physics](#), 49(35), 355602.

- 68 Gurubel, K. J., Osuna-Enciso, V., Cardenas, J. J., Coronado-Mendoza, A., Perez-Cisneros, M. A. & Sanchez, E. N. (2016). Neural Forecasting and Optimal Sizing for Hybrid Renewable Energy Systems With Grid-Connected Storage System. [Journal of Renewable and Sustainable Energy](#), 8(4), 045303.
- 69 Londono-Calderon, A., Bahena, D. & Yacaman, M. J. (2016). Controlled Synthesis of Au@Agau York-Shell Cuboctahedra With Well-Defined Facets. [Langmuir](#), 32(30), 7572-7581.
- 70 Alcantar-Vazquez, J. P., Pliego-Cortes, H. S., Dumas, S., Pena-Martinez, R., Rosales-Velazquez, M. & Pintos-Teran, P. (2016). Effects of a Luteinizing Hormone-Releasing Hormone Analogue (Lhrha) on the Reproductive Performance of Spotted Sand Bass *Paralabrax Maculatofasciatus* (Percoidei: Serranidae). [Latin American Journal of Aquatic Research](#), 44(3), 487-496.
- 71 Flores-Rojas, E., Cabanas-Moreno, J. G., Perez-Robles, J. F. & Solorza-Feria, O. (2016). Mechanochemical synthesis of Co and Ni decorated with chemically deposited Pt as electrocatalysts for oxygen reduction reaction. [Materials Chemistry and Physics](#), 183, 101-109.
- 72 Diaz-Torres, E., Ortega-Lopez, M. & Santoyo-Salazar, J. (2016). Oriented Self-Assembly of Pbs Nanocrystals Into 0d+1d 'matchstick' Structures. [Materials Letters](#), 183, 334-337.
- 73 Heredia-Cancino, J. A., Mendivil-Reynoso, T., Ochoa-Landin, R., Ramirez-Bon, R. & Castillo, S. J. (2016). Optical and structural properties of PbSe films obtained by ionic exchange of lead oxyhydroxycarbonate in a selenium-rongalite solution. [Materials Science in Semiconductor Processing](#), 56, 90-93.
- 74 Serapio-Palacios, A. & Navarro-Garcia, F. (2016). Espc, an Autotransporter Protein Secreted by Enteropathogenic Escherichia Coli, Causes Apoptosis and Necrosis Through Caspase and Calpain Activation, Including Direct Procaspase-3 Cleavage. [Mbio](#), 7(3), e00479-16.
- 75 Bonilla-Moreno, R., Perez-Yepe, E. A., Villegas-Sepulveda, N., Morales, F. O. & Meza, I. (2016). Tyrosine Phosphorylation/Dephosphorylation of Myosin Ii Essential Light Chains of Entamoeba Histolytica Trophozoites Regulates Their Motility. [Molecular and Biochemical Parasitology](#), 208(2), 49-55.
- 76 Navarro-Yepes, J., Anandhan, A., Bradley, E. et al. (2016). Inhibition of Protein Ubiquitination by Paraquat and 1-Methyl-4-Phenylpyridinium Impairs Ubiquitin-Dependent Protein Degradation Pathways. [Molecular Neurobiology](#), 53(8), 5229-5251.
- 77 Soto-Castro, D., Santillan, R., Guadarrama, P., Farfan, N., Gonzalez-Herrera, I. G. & Cruz-Mendez, A. C. (2016). Pamam-Dendrimer Bearing 1,2-Diphenylethyne Core Obtained by Palladium-Catalyzed Coupling Assisted by Silver Oxide: in Vitro Evaluation of Antioxidant Properties. [Monatshefte Fur Chemie](#), 147(10), 1839-1847.
- 78 Rivera-Ramirez, N., Montejó-Lopez, W., Lopez-Mendez, M. C., Guerrero-Hernandez, A., Molina-Hernandez, A., Garcia-Hernandez, U. & Arias-Montano, J. A. (2016). Histamine H3 receptor activation stimulates calcium mobilization in a subpopulation of rat striatal neurons in primary culture, but not in synaptosomes. [Neurochemistry International](#), 101, 38-47.

79 Caballero-Floran, R. N., Conde-Rojas, I., Oviedo-Chavez, A., Cortes-Calleja, H., Lopez-Santiago, L. F., Isom, L. L., Aceves, J., Erlij, D. & Floran, B. (2016). Cannabinoid-induced depression of synaptic transmission is switched to stimulation when dopaminergic tone is increased in the globus pallidus of the rodent. [Neuropharmacology](#), 110, 407-418.

80 Solis, C. U., Clempner, J. B. & Poznyak, A. S. (2016). Designing a Terminal Optimal Control With an Integral Sliding Mode Component Using a Saddle Point Method Approach: a Cartesian 3d-Crane Application. [Nonlinear Dynamics](#), 86(2), 911-926.

81 Amarillas, L., Chaidez, C., Gonzalez-Robles, A., Lugo-Melchor, Y. & Leon-Felix, J. (2016). Characterization of Novel Bacteriophage Phic119 Capable of Lysing Multidrug-Resistant Shiga Toxin-Producing Escherichia Coli O157:H7. [PeerJ](#), 4, e2423.

82 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Measurement of Transverse Energy at Midrapidity in Pb-Pb Collisions at Root S(Nn)=2.76 Tev. [Physical Review C](#), 94(3), 034903.

83 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Differential Cross Sections for Top Quark Pair Production as a Function of Kinematic Event Variables in Pp Collisions at Root S=7 and 8 Tev. [Physical Review D](#), 94(5), 052006.

84 Lami, A. & Roig, P. (2016). H -> LI ' in the Simplest Little Higgs Model. [Physical Review D](#), 94(5), 056001.

85 Ayon-Beato, E., Hassaine, M. & Higueta-Borja, D. (2016). Role of Symmetries in the Kerr-Schild Derivation of the Kerr Black Hole. [Physical Review D](#), 94(6), 064073.

86 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Search for Ultrarelativistic Magnetic Monopoles With the Pierre Auger Observatory. [Physical Review D](#), 94(8), 082002.

87 Braibanti, M., Haro-Perez, C., Quesada-Perez, M., Rojas-Ochoa, L. F. & Trappe, V. (2016). Impact of Volume Transition on the Net Charge of Poly-N-Isopropyl Acrylamide Microgels. [Physical Review E](#), 94(3), 032601.

88 Velazquez-Perez, S., Perez-Angel, G. & Nahmad-Molinari, Y. (2016). Effective Potentials in a Bidimensional Vibrated Granular Gas. [Physical Review E](#), 94(3), 032903.

89 Miranda, O. G., Tortola, M. & Valle, J. W. F. (2016). New Ambiguity in Probing Cp Violation in Neutrino Oscillations. [Physical Review Letters](#), 117(6), 061804.

90 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for R-Parity Violating Decays of a Top Squark in Proton-Proton Collisions at Root S=8tev. [Physics Letters B](#), 760, 178-201.

91 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurements of T(T)Over-Bar Charge Asymmetry Using Dilepton Final States in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 760, 365-386.

92 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Z Gamma -> Nu(Nu)Over-Bar Gamma Production Cross Section in Pp Collisions at Root S=8 Tev and Limits on Anomalous Zz Gamma and Z Gamma Gamma Trilinear Gauge Boson Couplings. [Physics Letters B](#), 760, 448-468.

93 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Multiplicity Dependence of Charged Pion, Kaon, and (Anti)Proton Production at Large Transverse Momentum in P-Pb Collisions Root S-Nn=5.02 Tev. [Physics Letters B](#), 760, 720-735.

94 Zaragoza-Martinez, F., Lucho-Constantino, G. G., Ponce-Noyola, T., Esparza-Garcia, F., Poggi-Valardo, H., Cerda-Garcia-Rojas, C. M., Trejo-Tapia, G. & Ramos-Valdivia, A. C. (2016). Jasmonic Acid Stimulates the Oxidative Responses and Triterpene Production in *Jatropha Curcas* Cell Suspension Cultures Through Mevalonate as Biosynthetic Precursor. [Plant Cell Tissue and Organ Culture](#), 127(1), 47-56.

95 Salazar-Vidal, M. N., Acosta-Segovia, E., Sanchez-Leon, N., Ahern, K. R., Brutnell, T. P. & Sawers, R. J. H. (2016). Characterization and Transposon Mutagenesis of the Maize (*Zea Mays*) *Pho1* Gene Family. [Plos One](#), 11(9), e0161882.

96 Gonzalez-Morales, S. I., Chavez-Montes, R. A., Hayano-Kanashiro, C., Alejo-Jacuinde, G., Rico-Cambron, T. Y., De Folter, S. & Herrera-Estrella, L. (2016). Regulatory Network Analysis Reveals Novel Regulators of Seed Desiccation Tolerance in *Arabidopsis Thaliana*. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(35), E5232-E5241.

97 Cuevas-Romero, J. S., Rivera-Benitez, J. F., Hernandez-Baumgarten, E., Hernandez-Jauregui, P., Vega, M., Blomstrom, A. L., Berg, M. & Baule, C. (2016). Cloning, Expression and Characterization of Potential Immunogenic Recombinant Hemagglutinin-Neuraminidase Protein of Porcine Rubulavirus. [Protein Expression and Purification](#), 128, 1-7.

98 Ayala-Rodriguez, G. A., Ordonez-Lopez, U., Meiners, C. & Marin-Hernandez, M. (2016). Veracruz Reef System Fish Larvae Ecological Aspects, Biogeography and Taxonomic Record, Gulf of Mexico Southwest (June 2011-June 2013). [Revista De Biologia Marina Y Oceanografia](#), 51(2), 255-264.

99 Chi-Espinola, A. A. & Vega-Cendejas, M. E. (2016). Food Resources of *Eucinostomus* (Perciformes: Gerreidae) in a Hyperhaline Lagoon: Yucatan Peninsula, Mexico. [Revista De Biologia Marina Y Oceanografia](#), 51(2), 395-406.

100 Colin-Garcia, N. A., Campos, J. E., Luis IItemj & Arias-Gonzalez, J. E. (2016). Influence of Sediments and Tungsten Traces on the Skeletal Structure of *Pseudodiploria*: a Reef Building Scleractinian Coral From the Veracruz Reef System National Park, Mexico. [Revista De Biologia Tropical](#), 64(3), 1077-1089.

101 Ortiz-Franco, L. Z., Ramirez-Villa, A. Z., Cervantes-Mojica, L. J., Muy-Rangel, M. D., Gomez-Lim, M. A., Garcia-Galindo, H. S., Sayago-Ayerdi, S. G. & Montalvo-Gonzalez, E. (2016). Effect of 1-Methylcyclopropene on Ataulfo Mangoe Maturation Under Simulated Conditions for Export to Europe. [Revista Fitotecnia Mexicana](#), 39(3), 305-316.

102Ortiz-Quisbert, M. E., Duarte-Mermoud, M. A., Milla, F. & Castro-Linares, R. (2016). Fractional Adaptive Control Optimized by Genetic Algorithms, Applied to Automatic Voltage Regulators. [Revista Iberoamericana De Automatica E Informatica Industrial](#), 13(4), 403-409.

103Florez, E., Acelas, N., Ibarguen, C., Mondal, S., Cabellos, J. L., Merino, G. & Restrepo, A. (2016). Microsolvation of No₃⁻: Structural Exploration and Bonding Analysis. [Rsc Advances](#), 6(76), 71913-71923.

104Saha, R., Pan, S., Mandal, S., Orozco, M., Merino, G. & Chattaraj, P. K. (2016). Noble Gas Supported B-3(+) Cluster: Formation of Strong Covalent Noble Gas-Boron Bonds. [Rsc Advances](#), 6(82), 78611-78620.

105Russell, J. M., Hernandez-Garcia, Y. & Kleiche-Dray, M. (2016). Collaboration Dynamics of Mexican Research in Chemistry and Its Relationship With Communication Patterns. [Scientometrics](#), 109(1), 283-316.

106Moldovan, O., Castro-Carranza, A., Cerdeira, A., Estrada, M., Barquinha, P., Martins, R., Fortunato, E., Miljakovic, S. & Iniguez, B. (2016). A compact model and direct parameters extraction techniques For amorphous gallium-indium-zinc-oxide thin film transistors. [Solid-State Electronics](#), 126, 81-86.

107Osnaya- Romero, N., Acosta-Saavedra, L. C., Goytia-Acevedo, R., Lares-Asseff, I., Basurto-Celaya, G., Perez-Guille, G., Possani, L. D. & Calderon-Aranda, E. S. (2016). Serum level of scorpion toxins, electrolytes and electrocardiogram alterations in Mexican children envenomed by scorpion sting. [Toxicon](#), 122, 103-108.

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

108Suarez-Gonzalez, E. M., Palmeros-Suarez, P. A., Cruz-Rubio, J. M., Martinez-Gallardo, N. A., Cisneros-Hernandez, I., Delano-Frier, J. P. & Gomez-Leyva, J. F. (2016). Differential fructan accumulation and expression of fructan biosynthesis, invertase and defense genes is induced in Agave tequilana plantlets by sucrose or stress-related elicitors. [Agri Gene](#), 2, 17-28.

109Castellanos-Castro, S., Cerda-Garcia-Rojas, C. M., Javier-Reyna, R., Pais-Morales, J., Chavez-Munguia, B. & Orozco, E. (2016). Identification of the phospholipid lysobisphosphatidic acid in the protozoan Entamoeba histolytica: An active molecule in endocytosis. [Biochemistry and Biophysics Reports](#), 5, 224-236.

110Castellanos-Castro, S., Montano, S. & Orozco, E. (2016). Data on docking and dynamics simulation of Entamoeba histolytica EhADH (an ALIX protein) and lysobisphosphatidic acid. [Data in Brief](#), 7, 457-459.

111Duplat-Bermudez, L., Ruiz-Medrano, R., Landsman, D., Marino-Ramirez, L. & Xoconostle-Cazares, B. (2016). Dataset of Arabidopsis plants that overexpress FT driven by a meristem-specific KNAT1 promoter. [Data in Brief](#), 8, 520-528.

112Torres-Huerta, A. L., Martinez-Miguel, R. M., Bazan-Tejeda, M. L. & Bermudez-Cruz, R. M. (2016). In silico data analyses of recombinases GdDMC1A and GdDMC1B from *Giardia duodenalis*. [Data in Brief](#), 9, 236-244.

113Garduza-Gonzalez, S., Gomez-Castaneda, F., Moreno-Cadenas, J. A. & Ponce-Ponce, V. H. (2016). A prototype CMOS image sensor with a column-level modulation architecture. [Ingenieria, Investigacion y Tecnologia](#), 17(2), 237-250.

114Rivera-Vargas, G. A., Matsumoto-Kuwabara, Y. & Baquero-Parra, R. (2016). Analysis for obtaining hydrogen from biogas by means of the fermentation of natural beverages. [Ingenieria, Investigacion y Tecnologia](#), 17(2), 251-256.

115Castillo-Soria, F. R., Sanchez-Garcia, J., Parra-Michel, R., Flores-Troncoso, J. & Fernandez-Torres, G. (2016). Spatial modulation, a comparison of basic transmission techniques. [Ingenieria, Investigacion y Tecnologia](#), 17(2), 273-282.

116Sarmiento-Arellano, J., Vega, A. K., Rosendo-Andres, E. et al. (2016). Influence of HCl on the NPs-CdSe synthesis prepared by the colloidal method. [Journal of Applied Research and Technology](#), 14(4), 225-231.

117Hernandez, J. & Gomez, W. (2016). Automatic Tuning of the Pulse-Coupled Neural Network Using Differential Evolution for Image Segmentation. [Lecture Notes in Computer Science](#), 9703, 157-166.

118Escrihuahela, F. J., Forero, D. V., Miranda, O. G., Tortola, M. A. & Valle, J. W. F. (2016). Constraining right-handed neutrinos. [Nuclear and Particle Physics Proceedings](#), 273-275, 1909-1914.

119Mendez-Dominguez, N., Achach-Asaf, J. A., Basso-Garcia, L. M., Quinones-Pacheco, Y. B. & Gomez-Carro, S. (2016). Septic shock secondary to non-congenital chikungunya fever in a young infant: a clinical case. [Revista Chilena De Pediatria](#), 87(2), 143-147.

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

120 Mahseredjian, J. & Ramirez, A. (2016). Special Issue on Advances in the Simulation of Power System Transients. [Ieee Transactions on Power Delivery](#), 31(5), 2303.

121 Chandrasekaran, P., Zimmerman, O., Paulson, M. et al. (2016). Distinct mutations at the same positions of STAT3 cause either loss or gain of function. [Journal of Allergy and Clinical Immunology](#), 138(4), 1222-1224.e2.

122 Soto, R., Rodriguez-Tello, E., Caro, S. & Lardeux, F. (2016). Scientific Programming in Computational Intelligence. [Scientific Programming](#), 2016, 5039793.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

123Lopez-Ortega, O. & Santos-Argumedo, L. (2016). Myosin 1g Participates in Cd44-Recycling in B-Lymphocytes. [European Journal of Immunology](#), 46, 1081.

124Vega-Lopez, M. A., Guzman-Bautista, E., Ramirez-Estudillo, C. & Rojas, O. (2016). Maternal Antibodies Are Present at the Newborn's Respiratory Tract in the Absence of a Structured Polymeric Immunoglobulin Secretory Immune System (Pisis). [European Journal of Immunology](#), 46, 348.

125Moreno-Lafont, M., Gutierrez-Hoya, A., Navarro-Hernandez, I. C., Vela-Ojeda, J., Montiel-Cervantes, L., Rodriguez-Cortes, O. & Rosales-Garcia, V. (2016). Predictive Immunological Biomarkers of Graft Versus Host Disease. [European Journal of Immunology](#), 46, 731-732.

126Arenas-Hernandez, M., Romero, R., Balancio, A., Mial, T., Hassan, S., Sanchez-Torres, C. & Gomez-Lopez, N. (2016). The Depletion of Regulatory T Cells in the Third Trimester Increases the Susceptibility for Lps-Induced Preterm Birth and Causes Adverse Neonatal Outcomes. [European Journal of Immunology](#), 46, 877.

127Lizarraga-Verdugo, E., Jimenez-Gastelum, G. R., Gastelum-Rosales, X. G. et al. (2016). Characterization of Dendritic Cells of Gingival Mucosa in Subjects With Periodontal Disease. [European Journal of Immunology](#), 46, 950.

128Perez-Quintanar, A., Lopez-Mendoza, D. A., Garcia-Soto, L. V., Perez-Polanco, P. & Montano-Zetina, L. M. (2016). Evaluacion del estilo de adquisicion del conocimiento y del juego FARMACUM como reforzamiento del aprendizaje pragmatico y teorico en la materia de farmacologia basica. [Investigacion En Educacion Medica](#), 5(18), 131.

129Pech-Hau, C., Zapata, O., Rivas, I., Patino, V., Quintanilla, M., Perez, A., Del Rio-Garcia, M. & Gonzales, L. (2016). Analysis of gene expression biomarkers associated with the presence of pollutants in *Syacium guntery* and *Ariopsis felis* in the Gulf of Mexico. [Toxicology Letters](#), 259, S104.

130Patino-Suarez, M. V., Zapata-Perez, J. O. & Puch-Hau, C. A. (2016). Biological effects of benzo[a]pyrene on selected biomarkers in Nile tilapia *Oreochromis niloticus*. [Toxicology Letters](#), 259, S104.

131Del Rio-Garcia, M., Gonzales-Rivera, L. I., Pech-Hau, C. & Zapata-Perez, O. (2016). Determination of metabolites in bile from two fish species (*Ariopsis felis* and *Syacium gunteri*) found in the Gulf of Mexico. [Toxicology Letters](#), 259, S105.

132Rivas-Reyes, I., Albores-Medina, A., Puch-Hau, C., Perez-Marquez, K. I. & Zapata-Perez, O. (2016). CYP330A1 gene identification in the blue crab (*Callinectes sapidus*) exposed to benzo[a]pyrene and naphthalene. [Toxicology Letters](#), 259, S105-S106.

133Reyes-Chaparro, A., Colli-Dula, R. C., Osorio-Yanez, C., Puch-Hau, C. A., Albores, A. & Zapata-Perez, O. (2016). Benzo[a]pyrene induces ANP gene expression in the heart of Nile tilapia. [Toxicology Letters](#), 259, S106.

134Solis-Angeles, S., Cardenas Gonzalez, M., Jimenez-Cordova, M. I., Villarreal-Vega, E., Aguilar-Madrid, G., Gonzalez-Horta, M. C., Del Razo, L. M. & Barbier, O. (2016). Comparative urinary miRNAs expression and cystatin C level in adults chronically exposed to fluoride through drinking water. [Toxicology Letters](#), 259, S115.

135Montes-Castro, N., Alvarado-Cruz, I., Garcia-Aguiar, I., Solis-Heredia, M. J., Rangel-Calvillo, M., Lopez-Bayghen, E. & Quintanilla-Vega, B. (2016). DNA methylation increases genetic damage in cord blood cells from newborns exposed to atmospheric pollutants. [Toxicology Letters](#), 259, S115.

136Jimenez-Cordova, M. I., Sanchez-Pena, L. C., Matousek, T., Villarreal, E., Cardenas-Gonzalez, M., Barrera-Hernandez, A., Gonzalez-Horta, M. C., Barbier, O. C. & Del Razo, L. M. (2016). Arsenic metabolism profile in an adult population environmentally co-exposed to fluoride and moderate level of arsenic. [Toxicology Letters](#), 259, S121.

137Martinez-Acuna, M. I., Mejia-Saavedra, J. J., Sanchez-Pena, L. C., Matousek, T., Del Razo, L. M. & Alegria-Torres, J. A. (2016). Mitochondrial DNA copy number in Mexican children co-exposed to inorganic arsenic and fluoride from Zacatecas, Mexico. [Toxicology Letters](#), 259, S126.

138Barbier, O., Cardenas-Gonzalez, M., Parada-Cruz, B., Lopez, V. D., Jimenez-Cordova, M., Solis-Angeles, S. & Del Razo, L. M. (2016). Fluoride: An underestimated nephrotoxic. [Toxicology Letters](#), 259, S13.

139Jimenez-Cordova, M. I., Gonzalez-Horta, M. C., Aguilar-Madrid, G., Barrera-Hernandez, A., Sanchez-Pena, L. C., Barbier, O. C. & Del Razo, L. M. (2016). Evaluation of KIM-1, Cystatin-C and glomerular filtration rate in schoolchildren exposed to inorganic fluoride. [Toxicology Letters](#), 259, S131.

140Gonzalez-Horta, M. C., Villarreal-Vega, E. E., Dominguez-Guerrero, I. A. et al. (2016). Polymorphism of PON1 192 was not associated with atherogenic marker in rural communities of the state of Chihuahua, Mexico exposed to fluoride. [Toxicology Letters](#), 259, S133.

141Villarreal-Vega, E. E., Jimenez-Cordova, M. I., Sanchez-Pena, L. C., Narvaez-Morales, J., Barrera-Hernandez, A., Cardenas-Gonzalez, M., Del Razo, L. M., Gonzalez-Horta, M. C. & Barbier, O. (2016). Lipid peroxidation and total antioxidant status in rural communities exposed to fluoride and arsenic in Chihuahua, Mexico. [Toxicology Letters](#), 259, S133-S134.

142Lopez, L., Hernandez-Tobias, E. A., Noris, G., Santana, C. & Gomez, R. (2016). Genetic variants in the Lipoprotein (a) gene in Mestizo and Amerindian populations from Mexico. [Toxicology Letters](#), 259, S146.

143Uribe-Ramirez, M., Escamilla-Rivera, V., Esquivel-Gaon, M. et al. (2016). In vitro and in vivo biocompatibility evaluation of hydroxyapatite coatings deposited by high velocity oxygen fuel on micromplants for bone prosthetic applications. [Toxicology Letters](#), 259, S153.

144Escamilla-Rivera, V., Uribe-Ramirez, M., Esquivel-Gaon, M., Rodriguez, L., Giraldo-Betancur, A. L., Campos-Villegas, L., Arreola-Mendoza, L., Munoz-Saldana, J. & De Vizcaya Ruiz, A. (2016). Biomimetic titania/hydroxyapatite coating of CrCoMo microimplants enhances biocompatibility and reduces metal-associated toxicity. [Toxicology Letters](#), 259, S154.

145Cruz-Hurtado, M., Lopez Gonzalez, M. L. & Sierra-Santoyo, A. (2016). In vitro metabolism of the anti-androgenic fungicide vinclozolin by human liver microsomes. [Toxicology Letters](#), 259, S156.

146Alvarado-Cruz, I., Sanchez-Guerra, M., Araujo, A. et al. (2016). Relation between polymorphisms OGG1 (Ser326Cys) and PARP1 (Val762Ala) and DNA damage in children environmentally-exposed to particulate matter. [Toxicology Letters](#), 259, S156.

147Cardenas-Gonzalez, M., Osorio-Yanez, C., Gaspar-Ramirez, O. et al. (2016). Environmental exposure to arsenic and chromium in children is associated with kidney injury molecule-1. [Toxicology Letters](#), 259, S158.

148Rubio-Andrade, M., Rosales-Gonzalez, M., Hernandez-Ochoa, I., Cebrian, M. E., Quintanilla-Vega, B. & Garcia-Vargas, G. G. (2016). Relations between renal function, obesity and low blood lead level in an environmentally exposed population. [Toxicology Letters](#), 259, S164.

149Balderas-Vazquez, C. L., De la Luz-Aguilar, G., Huerta-Dector, F. E., Escamilla, A., Herrera-Huerta, E. V., Garcia-Montalvo, E. A., Del Razo, L. M. & Valenzuela, O. L. (2016). Biomonitoring of lead in whole blood and neurotoxicity risk in resident adults from non-mining rural communities in Veracruz. [Toxicology Letters](#), 259, S168.

150Pozo-Molina, G., Rivera-Gonzalez, G., Moore-Ambriz, T. R., Hernandez-Zavala, A. & Garrido, E. (2016). Analysis of the ATR/ATM-p53 pathway in the early cellular response to sodium arsenite. [Toxicology Letters](#), 259, S177.

151Hernandez-Alcantara, J. A., Reyes-Vazquez, L. E., Acosta-Saavedra, L. C. & Calderon-Aranda, E. S. (2016). Methylmercury affects signaling pathways associated with protrusions formation in neuroblastoma cells. [Toxicology Letters](#), 259, S177-S178.

152Olea-Flores, M., Parra-Rojas, I., Calderon-Aranda, E. S., Huerta-Beristain, G., Castaneda-Saucedo, E. & Moreno-Godinez, M. E. (2016). Cytotoxicity of methamidophos in MCF10A Cells: Oxidative stress and DNA damage. [Toxicology Letters](#), 259, S179-S180.

153Solario-Rodriguez, A., Montesinos-Cruz, V., Escamilla-Rivera, V., Uribe-Ramirez, M., Garcia-Cuellar, C. M. & De Vizcaya-Ruiz, A. (2016). Characterization of protein corona around of SiO₂-PEG-Tf NP in human plasma and its influence in active targeting. [Toxicology Letters](#), 259, S185.

154Vega-Jimenez, A. L., Almaguer-Flores, A., Camps, E., Uribe-Ramirez, M. & Vizcaya-Ruiz, A. (2016). Cytotoxicity of bismuth subsalicylate nanoparticles in human gingival fibroblast. [Toxicology Letters](#), 259, S190.

155Rodriguez-Reyna, I. S., Varela-Rodriguez, L., Hernandez-Rodriguez, P., Ramos-Martinez, E., Gonzalez-Horta, C., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2016). Acute toxicity evaluation of *Rhus trilobata* stems extract in BALB/c mice. [Toxicology Letters](#), 259, S193.

156Guerrero-Salgado, F., Rodriguez-Castillo, A. J., Infante-Ramirez, R., Gonzalez-Horta, M. C., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2016). Anti-inflammatory effect of *Rhus trilobata* extracts in lipopolysaccharides-stimulated J774 macrophages. [Toxicology Letters](#), 259, S194.

157Garcia-Ramirez, H. A., Gonzalez-Horta, C., Infante-Ramirez, R., Talamas-Rohana, P. & Sanchez-Ramirez, B. (2016). In vitro amoebicidal activity of the fruits and stems extracts of *Rhus trilobata* on *Entamoeba histolytica* trophozoites. [Toxicology Letters](#), 259, S194.

158Varela-Rodriguez, L., Rodriguez-Reyna, I. S., Sanchez-Ramirez, B., Ramos-Martinez, E., Gonzalez-Horta, C. & Talamas-Rohana, P. (2016). Subacute toxicity determination of intraperitoneal treatment of BALB/c mice with *Rhus trilobata*. [Toxicology Letters](#), 259, S195.

159Rivera-Rosas, M., Santes, V., Ortiz-Martinez, J., Martin-Tapia, D. & Arreola-Mendoza, L. (2016). Treatment to streptozotocin hyperglycemic rats with *Ibervillea sonorae* root extract increases GLUT4 plasma membrane translocation in thigh muscle tissue. [Toxicology Letters](#), 259, S197.

160Ramos-Chavez, L. A., Petrosyan, P., Rendon-Lopez, C. R. R., Silva-Adaya, D., Zepeda, A., Del Razo, L. M. & Gosebatt, M. E. (2016). Gestational exposure to inorganic arsenic modulate amino acid transporters (l-glutamate/cystine and cysteine) and NMDA receptor in mouse brain with memory impairment. [Toxicology Letters](#), 259, S201.

161Reyes-Vazquez, L. E., Hernandez-Alcantara, J. A., Acosta-Saavedra, L. C. & Calderon-Aranda, E. S. (2016). Methylmercury affects colocalization of doublecortin-tubulin in SH-SY5Y cells. [Toxicology Letters](#), 259, S204.

162Bernal-Hernandez, Y. Y., Medina-Diaz, I. M., Barron-Vivanco, B. S., Giron-Perez, M. I., Quintanilla-Vega, B., Paredes-Cespedes, D. M., Lopez-Martinez, G. & Rojas-Garcia, A. E. (2016). Paraoxonase 1 and its relationship with pesticide biomarkers in indigenous Mexican farmworkers. [Toxicology Letters](#), 259, S209.

163Zepeda-Arce, R. D., Pier-Villegas, G., Benitez-Trinidad, A. B., Bernal-Hernandez, Y. Y., Medina-Diaz, I. M., Barron-Vivanco, B. S., Quintanilla-Vega, B. & Rojas-Garcia, A. E. (2016). Evaluation of oxidative stress, antioxidant enzyme activities, and genetic damage in sprayers exposed to pesticides. [Toxicology Letters](#), 259, S210.

164Guinto-Ruiz, E., Sanchez-Carlos, J. J., Moreno-Godinez, M. E., Gonzalez-Calixto, C., Calixto-Galvez, M., Quintanilla-Vega, B., Hernandez-Ochoa, I. & Uriostegui-Acosta, M. (2016). Glufosinate ammonium alters quality and DNA in mouse spermatozoa. [Toxicology Letters](#), 259, S216.

165Solis-Heredia, M., Alvarez-Puentes, G. A., Benitez-Trinidad, A. B., Herrera-Moreno, J. F., Medina-Diaz, I. M., Bernal-Hernandez, Y. Y., Barron-Vivanco, B. S., Quintanilla-Vega, B. & Rojas-Garcia, A. E. (2016). Neurotoxicity and reproductive biomarkers in pesticide sprayers. [Toxicology Letters](#), 259, S224.

166Rojas-Alonzo, R., Nunez-Tapia, F. A., Moreno-Godinez, M. E., Talavera-Mendoza, O., Ortuno-Pineda, C., Quintanilla-Vega, B., Solis-Heredia, M. J., Rodriguez-Mercado, J. J. & Uriostegui-Acosta, M. (2016). Effect of quality sperm and DNA damage by thallium exposure in mice mature sperm. [Toxicology Letters](#), 259, S232-S233.

167Sierra-Santoyo, A., Lopez-Banuelos, L., Rojas-Flores, K., Ortega-Olvera, J. M., Gonzalez-Mariscal, L., Verdin-Betancourt, F. A., Lopez-Gonzalez, M. L., Cruz-Hurtado, M. & Galot-Linaldi, J. (2016). Dosimetry of the antiandrogen vinclozolin and its effect on the integrity of the blood-testis barrier in male adult rat. [Toxicology Letters](#), 259, S233.

168Uriostegui-Acosta, M., Ramirez-Vargas, M. A., Huerta-Beristain, G., Quintanilla-Vega, B., Hernandez-Ochoa, I., Calderon-Aranda, E. & Moreno-Godinez, M. E. (2016). Effects of cadmium exposure on spermatids and maturing sperm of mice. [Toxicology Letters](#), 259, S233.

169Tello-Mora, P., Hernandez-Cadena, L., Lopez-Bayghen, E. & Quintanilla-Vega, B. (2016). Acrosome reaction and sperm DNA fragmentation as predictors of male fertility and the relationship with environmental factors. [Toxicology Letters](#), 259, S234.

170Godinez-Solis, Y., Martinez-Aguilar, G., Solis-Heredia, M. J. & Quintanilla-Vega, B. (2016). Spontaneous sperm acrosome reaction is altered by subchronic lead exposure in mice. [Toxicology Letters](#), 259, S234.

171Parra-Forero, L. Y., Vargas-Marin, S., Veloz-Contreras, A., Acuna-Hernandez, D. G., Solis-Heredia, M. J., Sanchez-Gutierrez, M., Herrick, J. R. & Hernandez-Ochoa, I. (2016). Subacute exposure to di(2-ethylhexyl) phthalate delays zygote development as assessed by in vivo fertilization. [Toxicology Letters](#), 259, S234-S235.

172Garcia-Zepeda, S. P., Acuna-Hernandez, D. G., Santacruz-Marquez, R. & Hernandez-Ochoa, I. (2016). Bisphenol-A does not alter mRNA levels of genes encoding proteins involved in communication and expansion of the cumulus cells-oocyte complex. [Toxicology Letters](#), 259, S236.

173Millan-Mejia, L., Garcia-Zepeda, S. P. & Hernandez-Ochoa, I. (2016). Temephos decreases ovarian antral follicle growth in an in vitro system. [Toxicology Letters](#), 259, S236.

174Parada-Cruz, B., Jacobo-Estrada, T., Escamilla-Rivera, V., Martinez-Olivas, M. A. & Barbier, O. (2016). Renal expression of inflammation-related miRNAs after subchronic exposure to fluoride in a rat model. [Toxicology Letters](#), 259, S241.

175Gama-Dominguez, Y., Jacobo-Estrada, T., Lopez-Ventura, D., Moreno-Licon, N. J., Trevino, S. & Barbier, O. (2016). Effect of renal ischemia on sub-chronically exposed rats to fluoride evaluated by the expression of hypoxia-inducible factor 1alpha (HIF-1alpha). [Toxicology Letters](#), 259, S241-S242.

176Ortega-Romero, M. S., Hernandez-Sanchez, A. M., Medeiros-Domingo, M. & Barbier, O. (2016). Evaluation of risk factors for renal disease in a pediatric Mexican meztizo population from Apizaco in Tlaxcala Mexico. [Toxicology Letters](#), 259, S242.

177Gomez-Torres, X., Esquivel-Gaon, M., Lopez-Ventura, D. J., Trevino, S., Del Razo, L. M., Barbier, O. & De Vizcaya-Ruiz, A. (2016). Subchronic exposure to bismuth trioxide nanoparticles induces mild nephrotoxicity in male Wistar rats. [Toxicology Letters](#), 259, S242-S243.

178Rafael-Vazquez, L., Bazan-Perkins, B., Romero, D. & Quintanilla-Vega, B. (2016). Effects of Di(2-ethylhexyl) phthalate (DEHP) and Mono(2-ethylhexyl) phthalate (MEHP) on cell progression and expression of proteins of epithelial-mesenchymal transition: a possible effect on fibrosis? [Toxicology Letters](#), 259, S247.

179Narvaez Morales, J., Perez-Cortes, D. A., Reyes, J. L., Segovia-Vila, J. & Barbier, O. (2016). Evaluation of the expression of GAS1 protein as an acute tubular damage marker in kidney tissue using a rat model exposed to gentamicin. [Toxicology Letters](#), 259, S247.

180Mendez, M. A., Gonzalez-Horta, C., Sanchez-Ramirez, B. et al. (2016). Arsenic exposure and cardiometabolic risk in Chihuahua, Mexico. [Toxicology Letters](#), 259, S32-S33.

181Quintanilla-Vega, B. (2016). Sperm cells are target of pesticides toxicity depending on the stage of maturation and type of pesticide. [Toxicology Letters](#), 259, S36.

182De Vizcaya-Ruiz, A., Aztatzi-Aguilar, G., Uribe-Ramirez, M. & Barbier, O. (2016). Ambient particulate matter induces systemic toxicity: Implications of PM composition, size and oxidative potential. [Toxicology Letters](#), 259, S50.

183Cebrian, M. E. (2016). Introduction to environmental causes of breast cancer. [Toxicology Letters](#), 259, S58.

184Merida-Ortega, A., Hernandez-Alcaraz, C., Garcia-Martinez, A., Trejo-Valdivia, B., Salinas-Rodriguez, A., Svensson, K., Cebrian, M. E. & Lopez-Carrillo, L. (2016). Phthalate exposure, flavonoid consumption and breast cancer risk among Mexican women. [Toxicology Letters](#), 259, S59.

185Albores, A. (2016). Chemical exposure and cost of health effects; the case of tobacco smoking. [Toxicology Letters](#), 259, S74.

186Falcon-Rodriguez, C. I., Garcia-Alonso, L. I., Hernandez-Ojeda, S. L., Espinosa-Aguirre, J. J., De Vizcaya-Ruiz, A., Rosas-Perez, I. & Segura-Medina, P. (2016). Inhalation of concentrated PM2.5 affects pulmonary CYP450 activity in a guinea pig model of asthma. [Toxicology Letters](#), 259, S76.

187Morales-Rubio, R., Uribe-Ramirez, M., Aztatzi-Aguilar, O. & De Vizcaya-Ruiz, A. (2016). Assessment of aldosterone synthase (CYP11B2), mineralocorticoid receptor expression and markers of fetal cardiac gene reprogramming in rats exposed to fine particles. [Toxicology Letters](#), 259, S76-S77.

188Aztatzi-Aguilar, O. G., Rojas-Lima, E., Barbier, O. & De Vizcaya-Ruiz, A. (2016). Association of chemical components and endotoxin in PM2.5 with early kidney damage. [Toxicology Letters](#), 259, S78.

189Falcon-Rodriguez, C. I., Garcia-Alonso, L. I., Osornio-Vargas, A., Manzano-Leon, N., Rosas-Perez, I., De Vizcaya-Ruiz, A. & Segura-Medina, P. (2016). Immunologic response to ozone and PM < 2.5 from Mexico City in a Guinea pig asthma model. [Toxicology Letters](#), 259, S79-S80.

190Verdin-Betancourt, F. A., Lopez-Gonzalez, M. L., Cruz-Hurtado, M., Cerda, C., Figueroa, M. & Sierra-Santoyo, A. (2016). Chemical characterization of vinclozoline M5 metabolite. [Toxicology Letters](#), 259, S88.

191Ortiz-Robles, C., Barrera-Hernandez, A., Sanchez-Pena, C., Marquez-Herrera, C., Lopez-Bayghen, E., Quintanilla-Vega, B. & Del Razo, L. M. (2016). Pretreatment of human hair for the determination of trace metals by ICP-MS. [Toxicology Letters](#), 259, S89.

192Suarez-Pozos, E., De Vizcaya-Ruiz, A. & Ortega, A. (2016). Particulate matter disrupts the glutamate uptake in cerebellar glia cells: Implications for glutamatergic transmission. [Toxicology Letters](#), 259, S9.

193Alvarez, G. I., Munoz, C. L. S., Perez, G. A., Madrigal, E., Jimenez, M. C., Davila, O. G., Villa, T. S. & Sanchez, C. X. (2016). Chemopreventive effect of chickpea (*Cicer arietinum*) protein hydrolysate on colon cancer in mouse. [Toxicology Letters](#), 259, S93.

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

194 Hernandez-Aguilar, C., Dominguez-Pacheco, A., Cruz-Orea, A. et al. (2016). Laser Biostimulation in Seeds and Plants. [Gayana Botanica](#), 73(1), 132-149.

195 Lepeta, K., Lourenco, M. V., Schweitzer, B. C. et al. (2016). Synaptopathies: Synaptic Dysfunction in Neurological Disorders - a Review From Students to Students. [Journal of Neurochemistry](#), 138(6), 785-805.

Última actualización: marzo 23, 2017 11:17 a.m.

ARTÍCULOS DEL MES DE NOVIEMBRE DE 2016

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

- 1 Lopez-Gonzalez, G., Altamirano-Gomez, G. & Bayro-Corrochano, E. (2016). Geometric Entities Voting Schemes in the Conformal Geometric Algebra Framework. [Advances in Applied Clifford Algebras](#), 26(3), 1045-1059.
- 2 Osuna-Gonzalez, G., Carbajal-Espinosa, O., Loukianov, A. & Bayro-Corrochano, E. (2016). Geometric Perception of Pose and Tracking. [Advances in Applied Clifford Algebras](#), 26(3), 1081-1093.
- 3 Garrido-Bazan, V., Tellez-Tellez, M., Herrera-Estrella, A., Diaz-Godinez, G., Nava-Galicia, S., Villalobos-Lopez, M. A., Arroyo-Becerra, A. & Bibbins-Martinez, M. (2016). Effect of Textile Dyes on Activity and Differential Regulation of Laccase Genes From *Pleurotus Ostreatus* Grown in Submerged Fermentation. [Amb Express](#), 6, 93.
- 4 Martin-Tovar, E. A., Diaz, E. C. Y., Acosta, M., Castro-Rodriguez, R. & Iribarren, A. (2016). N-Doped ZnO Films Grown From Hybrid Target by the Pulsed Laser Deposition Technique. [Applied Physics a-Materials Science & Processing](#), 122(10), 919.
- 5 Jimenez-Perez, J. L., Gamboa, G. L., Fuentes, R. G., Ramirez, J. F. S., Pacheco, Z. N. C., Lopez-Y-Lopez, V. E. & Tepech-Carrillo, L. (2016). Synthesis and Thermal Properties of New Bionanofluids Containing Gold Nanoparticles. [Applied Physics a-Materials Science & Processing](#), 122(10), 925.
- 6 Duncan, R. A., Hofmann, F., Vega-Flick, A., Eliason, J. K., Maznev, A. A., Every, A. G. & Nelson, K. A. (2016). Increase in Elastic Anisotropy of Single Crystal Tungsten Upon He-Ion Implantation Measured With Laser-Generated Surface Acoustic Waves. [Applied Physics Letters](#), 109(15), 151906.
- 7 Trujillo-Ocampo, A., Cazares-Raga, F. E., Celestino-Montes, A., Cortes-Martinez, L., Rodriguez, M. H. & Hernandez-Hernandez, F. D. (2016). Identification and Expression Analysis of Two 14-3-3 Proteins in the Mosquito *Aedes Aegypti*, an Important Arboviruses Vector. [Archives of Insect Biochemistry and Physiology](#), 93(3), 143-159.
- 8 Ramirez-Velasquez, J. M., Klapp, J., Gabbasov, R., Cruz, F. & Sigalotti, L. D. (2016). Impetus: New Cloudy's Radiative Tables for Accretion Onto a Galaxy Black Hole. [Astrophysical Journal Supplement Series](#), 226(2), 22.
- 9 Osorio-Mendez, J. F., Vizcaino-Castillo, A., Manning-Cela, R., Hernandez, R. & Cevallos, A. M. (2016). Expression of profilin in *Trypanosoma cruzi* and identification of some of its ligands. [Biochemical and Biophysical Research Communications](#), 480(4), 709-714.

10Torres-Aviles, N. A., Albores-Garcia, D., Luna, A. L., Moreno-Galvan, M., Salgado-Bustamante, M., Portales-Perez, D. P. & Calderon-Aranda, E. S. (2016). Exposure to P,P'-DDE Induces Morphological Changes and Activation of the Pkc Alpha-P38-C/Ebp Beta Pathway in Human Promyelocytic HL-60 Cells. [Biomed Research International](#), 2016, 1375606.

11Hernandez-Flores, A., Almaraz-Barrera, M. D., Lozano-Amado, D. et al. (2016). A New Nucleocytoplasmic Rhogap Protein Contributes to Control the Pathogenicity of Entamoeba Histolytica by Regulating Ehrac1 and Ehrac2 Activity. [Cellular Microbiology](#), 18(11), 1653-1672.

12Osornio-Rubio, N. R., Torres-Ochoa, J. A., Palma-Tirado, M. L., Jimenez-Islas, H., Rosas-Cedillo, R., Fierro-Gonzalez, J. C. & Martinez-Gonzalez, G. M. (2016). Study of the Dehydroxylation of Kaolinite and Alunite From a Mexican Clay With Drifts-Ms. [Clay Minerals](#), 51(1), 55-68.

13Jastrzebska, I., Pawlak, T., Arcos-Ramos, R. et al. (2016). Synthesis, Structure, and Local Molecular Dynamics for Crystalline Rotors Based on Hecogenin/Botogenin Steroidal Frameworks. [Crystal Growth & Design](#), 16(10), 5698-5709.

14Haro-Perez, C., Lovallo, M., Moreno-Torres, L. R., Ramirez-Rojas, A., Rojas-Ochoa, L. F., Zuccolotto-Bernez, A. B. & Telesca, L. (2016). Investigating the Time Dynamics of Photon Sequences Scattered by Tracer Particles Immersed in a Polymeric Gel. [Epl](#), 115(4), 47004.

15Alcantara-Montiel, J. C., Staines-Boone, T., Lopez-Herrera, G., Berron-Ruiz, L., Borrego-Montoya, C. R. & Santos-Argumedo, L. (2016). Somatic Mosaicism in B Cells of a Patient With Autosomal Dominant Hyper IgE Syndrome. [European Journal of Immunology](#), 46(10), 2438-2443.

16Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Forward-Backward Asymmetry of Drell-Yan Lepton Pairs in Pp Collisions at Root S=8 TeV. [European Physical Journal C](#), 76(6), 325.

17Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Lepton Flavour Violating Decays of Heavy Resonances and Quantum Black Holes to an E Mu Pair in Proton-Proton Collisions at Root S=8 TeV. [European Physical Journal C](#), 76(6), 317.

18Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for New Physics in Same-Sign Dilepton Events in Proton-Proton Collisions at root s=13 TeV. [European Physical Journal C](#), 76(8), 439.

19Sanchez-Villamil, J., Tapia-Pastrana, G. & Navarro-Garcia, F. (2016). Pathogenic Lifestyles of E. Coli Pathotypes in a Standardized Epithelial Cell Model Influence Inflammatory Signaling Pathways and Cytokines Secretion. [Frontiers in Cellular and Infection Microbiology](#), 6, 120.

20Lobato-Alvarez, J. A., Roldan, M. L., Lopez-Murillo, T. D., Gonzalez-Ramirez, R., Bonilla-Delgado, J. & Shoshani, L. (2016). The Apical Localization of Na⁺, K⁺-ATPase in Cultured Human Retinal Pigment Epithelial Cells Depends on Expression of the Beta(2) Subunit. [Frontiers in Physiology](#), 7, 450.

21Sanchez-Flores, A., Penaloza, F., Carpinteyro-Ponce, J., Nazario-Yepiz, N., Abreu-Goodger, C., Machado, C. A. & Markow, T. A. (2016). Genome Evolution in Three Species of Cactophilic Drosophila. [G3-Genes Genomes Genetics](#), 6(10), 3097-3105.

22Cruz-Morales, P., Kopp, J. F., Martinez-Guerrero, C., Yanez-Guerra, L. A., Selem-Mojica, N., Ramos-Aboites, H., Feldmann, J. & Barona-Gomez, F. (2016). Phylogenomic Analysis of Natural Products Biosynthetic Gene Clusters Allows Discovery of Arseno-Organic Metabolites in Model Streptomyces. [Genome Biology and Evolution](#), 8(6), 1906-1916.

23Rosas-Arellano, A., Villalobos-Gonzalez, J. B., Palma-Tirado, L., Beltran, F. A., Carabez-Trejo, A., Missirlis, F. & Castro, M. A. (2016). A Simple Solution for Antibody Signal Enhancement in Immunofluorescence and Triple Immunogold Assays. [Histochemistry and Cell Biology](#), 146(4), 421-430.

24Garcia, F., Cervantes, J., Lopez, A. & Alvarado, M. (2016). Fruit Classification by Extracting Color Chromaticity, Shape and Texture Features: Towards an Application for Supermarkets. [IEEE Latin America Transactions](#), 14(7), 3434-3443.

25Lin, Q. Z., Chen, J. Y., Zhan, Z. H., Chen, W. N., Coello, C. A. C., Yin, Y. L., Lin, C. M. & Zhang, J. (2016). A Hybrid Evolutionary Immune Algorithm for Multiobjective Optimization Problems. [IEEE Transactions on Evolutionary Computation](#), 20(5), 711-729.

26Elizondo, C., Marquez-Linares, M. A., Marin-Garcia, M. L. & Gutierrez-Yurrita, P. J. (2016). Naturally Growing Flora in Abandoned Mine Tailings Susceptible of Being Used in Reclamation, Zimapan, Hidalgo, Mexico. [Interciencia](#), 41(7), 492-498.

27Hernandez-Sanchez, D., Leyva-Montiel, J. L. & Perez-Angon, M. A. (2016). University-Industry Collaboration: a Successful Case in the Electronics and Software Design Area in Mexico. [Interciencia](#), 41(10), 668-673.

28Martinez, P. A., Castelan, M. & Arechavaleta, G. (2016). Vision Based Persistent Localization of a Humanoid Robot for Locomotion Tasks. [International Journal of Applied Mathematics and Computer Science](#), 26(3), 669-682.

29Avila-Rodriguez, D., Ortiz-Plata, A., Aguirre-Benitez, E., Gomez-Amador, J., Rembao-Bojorquez, D., Tena-Suck, M., Solano-Agama, C. & Mendoza-Garrido, M. E. (2016). N-Cadherin and Vimentin Expression in Small Rounded-Shaped Cells of Non-Functioning Human Pituitary Adenomas. [International Journal of Clinical and Experimental Pathology](#), 9(8), 7854-7866.

30Mejia-Rangel, J., Cordova, E., Orozco, L. et al. (2016). Pro-Adhesive Phenotype of Normal Endothelial Cells Responding to Metastatic Breast Cancer Cell Conditioned Medium Is Linked to Nf Kappa B-Mediated Transcriptomic Regulation. [International Journal of Oncology](#), 49(5), 2173-2185.

31Quezada-Naquid, M., Marcelin-Jimenez, R. & Gonzalez-Compean, J. L. (2016). Babel: the Construction of a Massive Storage System. [International Journal of Web Services Research](#), 13(4), 36-53.

32Trujillo-Vazquez, E., Pech-Canul, M. I. & Marcuzzo, J. (2016). Thermoluminescent Characterization of Al₂O₃-Derived Synthetic Topaz. [Journal of Alloys and Compounds](#), 689, 500-506.

- 33Munoz, I., Daneili, L., Claver, J. et al. (2016). Kinesin-1 Controls Mast Cell Degranulation and Anaphylaxis Through Pi3k-Dependent Recruitment to the Granular Slp3/Rab27b Complex. [Journal of Cell Biology](#), 215(2), 203-216.
- 34Gimenez, P., Simis, A., Vasconcelos, W. V. & Villarreal, R. H. (2016). On Complete Monomial Ideals. [Journal of Commutative Algebra](#), 8(2), 207-226.
- 35Breton-Deval, L., Rossetti, S., Rios-Leal, E., Matturro, B. & Poggi-Varaldo, H. M. (2016). Effect of Coupling Zero-Valent Iron Side Filters on the Performance of Bioreactors Fed With a High Concentration of Perchloroethylene. [Journal of Environmental Engineering](#), 142(11), 1061.
- 36Chavez-Munguia, B., Salazar-Villatoro, L., Omana-Molina, M., Espinosa-Cantellano, M., Ramirez-Flores, E., Lorenzo-Morales, J. & Martinez-Palomo, A. (2016). Acanthamoeba Culbertsoni: Electron-Dense Granules in a Highly Virulent Clinical Isolate. [Journal of Eukaryotic Microbiology](#), 63(6), 744-750.
- 37Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for New Physics With the M-T2 Variable in All-Jets Final States Produced in Pp Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (10), 006.
- 38Carabarin-Lima, A., Leon-Izurieta, L., Rocha-Gracia, R. D. et al. (2016). First Evidence of Polar Flagella in Klebsiella Pneumoniae Isolated From a Patient With Neonatal Sepsis. [Journal of Medical Microbiology](#), 65, 729-737.
- 39Morales-Meza, S., Perez-Peralta, N., Sanchez-Castro, M. E. & Sanchez, M. (2016). Theoretical Study of Penta- and Heteropentadienyl Beryllium Complexes Coordinated to Hydrogen Molecules. [Journal of Molecular Modeling](#), 22(10), 245.
- 40Pariona, N., Herrera-Trejo, M., Oliva, J. & Martinez, A. I. (2016). Peroxidase-Like Activity of Ferrihydrite and Hematite Nanoparticles for the Degradation of Methylene Blue. [Journal of Nanomaterials](#), 2016, 3427809.
- 41Pech-May, N. W., Oleaga, A., Mendioroz, A. & Salazar, A. (2016). Fast Characterization of the Width of Vertical Cracks Using Pulsed Laser Spot Infrared Thermography. [Journal of Nondestructive Evaluation](#), 35(2), 22.
- 42Juaristi, E. & Notario, R. (2016). Theoretical Evidence for the Relevance of N(F) -> Sigma*(C-X) (X = H, C, O, S) Stereoelectronic Interactions. [Journal of Organic Chemistry](#), 81(3), 1192-1197.
- 43Xia, X. X., Kuang, X. Y., Lu, C., Jin, Y. Y., Xing, X. D., Merino, G. & Hermann, A. (2016). Deciphering the Structural Evolution and Electronic Properties of Magnesium Clusters: an Aromatic Homonuclear Metal Mg-17 Cluster. [Journal of Physical Chemistry a](#), 120(40), 7947-7954.
- 44Akiba, K., Akbiyik, M., Albrow, M. et al. (2016). Lhc Forward Physics. [Journal of Physics G-Nuclear and Particle Physics](#), 43(11), 110201.

45Kumar, K. M., Godavarthi, S., Velez, E. V., Diaz, M. C., Mahendhiran, M., Hernandez-Eligio, A., Rao, M. G. S. & Gomez, L. M. (2016). Green Synthesis of Hausmannite Nanocrystals and Their Photocatalytic Dye Degradation and Antimicrobial Studies. [Journal of Sol-Gel Science and Technology](#), 80(2), 396-401.

46Concha, A., Garrido, R. & Alvarez-Icaza, L. (2016). Identification of Shear Buildings Using an Instrumental Variable Method and Linear Integral Filters. [Journal of Sound and Vibration](#), 385, 149-170.

47Zamora-Peredo, L., Garcia-Gonzalez, L., Hernandez-Torres, J., Cortes-Mestizo, I. E., Mendez-Garcia, V. H. & Lopez-Lopez, M. (2016). Photoreflectance and Raman Study of Surface Electric States on Algaas/Gaas Heterostructures. [Journal of Spectroscopy](#), 2016, 4601249.

48Martinez-Guerra, R., Montesinos-Garcia, J. J. & Delfin-Prieto, S. M. (2016). Secure communications via synchronization of Liouvillean chaotic systems. [Journal of the Franklin Institute-Engineering and Applied Mathematics](#), 353(17), 4384-4399.

49Martinez-Milian, G. & Olvera-Novoa, M. A. (2016). Evaluation of Potential Feed Ingredients for the Juvenile Four-Sided Sea Cucumber, *Isostichopus Badionotus*. [Journal of the World Aquaculture Society](#), 47(5), 712-719.

50Parra, S. M., Valle-Levinson, A., Marino-Tapia, I., Enriquez, C., Candela, J. & Sheinbaum, J. (2016). Seasonal Variability of Saltwater Intrusion at a Point-Source Submarine Groundwater Discharge. [Limnology and Oceanography](#), 61(4), 1245-1258.

51Ortega-Amaya, R., Matsumoto, Y., Flores-Conde, A., Perez-Guzman, M. A. & Ortega-Lopez, M. (2016). In Situ Formation of Rgo Quantum Dots During Go Reduction Via Interaction With Citric Acid in Aqueous Medium. [Materials Research Express](#), 3(10), 105601.

52Carreno-Fuentes, L., Bahena, D., Palomares, L. A., Ramirez, O. T., Jose-Yacaman, M. & Plascencia-Villa, G. (2016). Molecular Docking and Aberration-Corrected Stem of Palladium Nanoparticles on Viral Templates. [Metals](#), 6(9), 200.

53Caceres-Diaz, L. A., Alvarado-Orozco, J. M., Ruiz-Luna, H., Garcia-Herrera, J. E., Mora-Garcia, A. G., Trapaga-Martinez, G., Arroyave, R. & Munoz-Saldana, J. (2016). Study of the Isothermal Oxidation Process and Phase Transformations in B2-(Ni,Pt)Al/Rene-N5 System. [Metals](#), 6(9), 208.

54Sarria-Guzman, Y., Chavez-Romero, Y., Gomez-Acata, S., Montes-Molina, J. A., Morales-Salazar, E., Dendooven, L. & Navarro-Noya, Y. E. (2016). Bacterial Communities Associated With Different *Anthurium Andraeanum* L. Plant Tissues. [Microbes and Environments](#), 31(3), 321-328.

55Garduno-Nolasco, E., Sosa-Pedroza, J. & Jardon-Aguilar, H. (2016). A Printed Volcano Smoke Antenna for Personal Communication Systems. [Microwave and Optical Technology Letters](#), 58(11), 2592-2595.

56z-Delgado-Buenrostro, N. L., Mujica, A., Chiquete-Felix, N., Deciga-Alcaraz, A., Medina-Reyes, E. I., Uribe-Carvajal, S. & Chirino, Y. I. (2016). Role of Wasp and the Small Gtpases Rhoa, Rhob, and Cdc42 During Capacitation and Acrosome Reaction in Spermatozoa of English Guinea Pigs. [Molecular Reproduction and Development](#), 83(10), 927-937.

57Fernandez-Martinez, E., Ponce-Monter, H., Soria-Jasso, L. E., Ortiz, M. I., Arias-Montano, J. A., Barragan-Ramirez, G. & Mayen-Garcia, C. (2016). Inhibition of uterine contractility by thalidomide analogs via phosphodiesterase-4 inhibition and calcium entry blockade. [Molecules](#), 21, 1332.

58Jalife, S., Liu, L., Pan, S., Cabellos, J. L., Osorio, E., Lu, C., Heine, T., Donald, K. J. & Merino, G. (2016). Dynamical Behavior of Boron Clusters. [Nanoscale](#), 8(40), 17639-17644.

59Mejia-Garcia, C., Sanchez-Sanchez, A., Diaz-Valdes, E., Rojas-Morales, M. L. & Avendano-Ibarra, M. A. (2016). A Simple Electrochemical Synthesis and Characterization of Colloidal Silver Nanoparticles. [Nanoscience and Nanotechnology Letters](#), 8(9), 750-754.

60Mon-Perez, E., Salazar, J., Ramos, E., Salazar, J. S., Suarez, A. L., Dutt, A., Santana, G. & Monroy, B. M. (2016). Experimental and Theoretical Rationalization of the Growth Mechanism of Silicon Quantum Dots in Non-Stoichiometric Sinx: Role of Chlorine in Plasma Enhanced Chemical Vapour Deposition. [Nanotechnology](#), 27(45), 455703.

61Redondo-Cubero, A., Galiana, B., Lorenz, K., Palomares, F. J., Bahena, D., Ballesteros, C., Hernandez-Calderon, I. & Vazquez, L. (2016). Self-Organised Silicide Nanodot Patterning by Medium-Energy Ion Beam Sputtering of Si (100): Local Correlation Between the Morphology and Metal Content. [Nanotechnology](#), 27(44), 444001.

62Mallick, S., Li, H., Lipson, M. et al. (2016). The Simons Genome Diversity Project: 300 Genomes From 142 Diverse Populations. [Nature](#), 538(7624), 201-+.

63Tang, J., liu, Z., Zhang, J., Wu, Z., Chai, T. & Yu, W. (2016). Kernel latent features adaptive extraction and selection method for multi-component non-stationary signal of industrial mechanical device. [Neurocomputing](#), 216, 296-309.

64Islas-Preciado, D., Lopez-Rubalcava, C., Gonzalez-Olvera, J., Gallardo-Tenorio, A. & Estrada-Camarena, E. (2016). Environmental Enrichment Prevents Anxiety-Like Behavior Induced by Progesterone Withdrawal in Two Strains of Rats. [Neuroscience](#), 336, 123-132.

65Lara-Valderrabano, L., Rocha, L. & Galvan, E. J. (2016). Propylparaben reduces the excitability of hippocampal neurons by blocking sodium channels. [NeuroToxicology](#), 57, 183-193.

66Cruz, S. L., Gauthereau-Torres, M. Y. & Rivera-Garcia, M. T. (2016). Structure-activity relationship for the anticonvulsant effects of organic solvents. [NeuroToxicology](#), 57, 121-127.

67Hernandez-Gutierrez, C. A., Kudriavtsev, Y., Mota, E., Hernandez, A. G., Escobosa-Echavarria, A., Sanchez-Resendiz, V., Casallas-Moreno, Y. L. & Lopez-Lopez, M. (2016). A new method of making ohmic contacts to p-GaN. [Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions With Materials and Atoms](#), 388, 35-40.

68 Berumen-Torres, J. A., Beristain-Bautista, A., Rodriguez-Melgarejo, F., Hernandez-Landaverde, M. A., Lopez-Calzada, G., Araiza, J. J. & Jimenez-Sandoval, S. (2016). Properties of Zn-Cu₂Xse Thin Films Deposited by Sputtering From Composite Znse-Cu₂o Targets. [Optical Materials Express](#), 6(9), 2812.

69 Azhmyakov, V., Martinez, J. C. & Poznyak, A. (2016). Optimal Fixed-Levels Control for Nonlinear Systems With Quadratic Cost-Functionals. [Optimal Control Applications & Methods](#), 37(5), 1035-1055.

70 Boone, A. T. S., Alcantara-Montiel, J. C., Sanchez-Sanchez, L. M., Arce-Cano, M., Garcia-Campos, J. & Reyes, S. O. L. (2016). Zoledronate as Effective Treatment for Minimal Trauma Fractures in a Child With Stat3 Deficiency and Osteonecrosis of the Hip. [Pediatric Blood & Cancer](#), 63(11), 2054-2057.

71 Canseco-Alba, A. & Rodriguez-Manzo, G. (2016). Intra-VTA anandamide infusion produces dose-based biphasic effects on male rat sexual behavior expression. [Pharmacology Biochemistry and Behavior](#), 150-151, 182-189.

72 Mejia-Giraldo, J. C., Winkler, R., Gallardo, C., Sanchez-Zapata, A. M. & Puertas-Mejia, M. A. (2016). Photoprotective Potential of Baccharis Antioquensis (Asteraceae) as Natural Sunscreen. [Photochemistry and Photobiology](#), 92(5), 742-752.

73 Singh, S., Garcia-Castro, A. C., Valencia-Jaime, I., Munoz, F. & Romero, A. H. (2016). Prediction and Control of Spin Polarization in a Weyl Semimetallic Phase of Bisb. [Physical Review B](#), 94(16), 161116.

74 Breton, N. & Lopez, L. A. (2016). Quasinormal Modes of Nonlinear Electromagnetic Black Holes From Unstable Null Geodesics. [Physical Review D](#), 94(10), 104008.

75 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Two Higgs Bosons in Final States Containing Two Photons and Two Bottom Quarks in Proton-Proton Collisions at 8 Tev. [Physical Review D](#), 94(5), 052012.

76 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Y(nS) polarizations versus particle multiplicity in pp collisions at Root S=7tev. [Physics Letters B](#), 761, 31-52.

77 Loera-Quezada, M. M., Leyva-Gonzalez, M. A., Velazquez-Juarez, G., Sanchez-Calderon, L., Do Nascimento, M., Lopez-Arredondo, D. & Herrera-Estrella, L. (2016). A Novel Genetic Engineering Platform for the Effective Management of Biological Contaminants for the Production of Microalgae. [Plant Biotechnology Journal](#), 14(10), 2066-2076.

78 Martinez-Zavala, M., Mora-Aviles, M. A., Anaya-Loyola, M. A., Guzman-Maldonado, H., Aguilera-Barreyro, A., Blanco-Labra, A. & Garcia-Gasca, T. (2016). Common Bean Leaves as a Source of Dietary Iron: Functional Test in an Iron-Deficient Rat Model. [Plant Foods for Human Nutrition](#), 71(3), 259-264.

79Stephens, C. R., Gonzalez-Salazar, C., Sanchez-Cordero, V. et al. (2016). Can You Judge a Disease Host by the Company It Keeps? Predicting Disease Hosts and Their Relative Importance: a Case Study for Leishmaniasis. [Plos Neglected Tropical Diseases](#), 10(10), 1371.

80Antillon, A., De Vries, A. H., Espinosa-Caballero, M. et al. (2016). An Amphotericin B Derivative Equally Potent to Amphotericin B and With Increased Safety. [Plos One](#), 11(9), 0162171.

81Delgado-Balbuena, L., Bello-Lopez, J. M., Navarro-Noya, Y. E., Rodriguez-Valentin, A., Luna-Guido, M. L. & Dendooven, L. (2016). Changes in the Bacterial Community Structure of Remediated Anthracene-Contaminated Soils. [Plos One](#), 11(10), e0160991.

82Hernandez-Hernandez, A. M., Viga-De Alva, D., Huerta-Quintanilla, R., Canto-Lugo, E., Laviada-Molina, H. & Molina-Segui, F. (2016). Friendship Concept and Community Network Structure Among Elementary School and University Students. [Plos One](#), 11(10), 0164886.

83Garcia-Vazquez, U., Devitt, T. J., De Oca, A. N. M., Rovito, S. M., Caviedes-Solis, I. & Parra-Olea, G. (2016). New Occurrence Records of Eleutherodactylus Syristes in Guerrero and Oaxaca, Mexico. [Revista Mexicana De Biodiversidad](#), 87(3), 1149-1152.

84Espinosa-Velazquez, Dorantes-Alvarez, L., Gutierrez-Lopez, G. F., Garcia-Anmenta, E., Sanchez-Segura, L., Perea-Flores, M. J., Ceballos-Reyes, G. M. & Moreno, A. O. (2016). Morpho-Structural Description of Unripe and Ripe Avocado Pericarp (Persea Americana Mill Var. Drymifolia). [Revista Mexicana De Ingenieria Quimica](#), 15(2), 469-480.

85Romero-Cano, L. A., Gonzalez-Gutierrez, L. V., Baldenegro-Perez, L. A. & Medina-Montes, M. I. (2016). Preparation of Orange Peels by Instant Controlled Pressure Drop and Chemical Modification for Its Use as Biosorbent of Organic Pollutants. [Revista Mexicana De Ingenieria Quimica](#), 15(2), 481-491.

86Riveiro-Naveira, R. R., Valcarcel-Ares, M. N., Almonte-Becerril, M., Vaamonde-Garcia, C., Loureiro, J., Hermida-Carballo, L., Lopez-Pelaez, E., Blanco, F. J. & Lopez-Armada, M. J. (2016). Resveratrol Lowers Synovial Hyperplasia, Inflammatory Markers and Oxidative Damage in an Acute Antigen-Induced Arthritis Model. [Rheumatology](#), 55(10), 1889-1900.

87Moreno-Rocha, L. A., Lopez-Munoz, F. J., Medina-Lopez, J. R. & Dominguez-Ramirez, A. M. (2016). Effect of Tramadol on Metamizol Pharmacokinetics and Pharmacodynamics After Single and Repeated Administrations in Arthritic Rats. [Saudi Pharmaceutical Journal](#), 24(6), 674-684.

88Ravichandran, M., Oza, G., Velumani, S., Ramirez, J. T., Garcia-Sierra, F., Andrade, N. B., Vera, A., Leija, L. & Garza-Navarro, M. A. (2016). Plasmonic/Magnetic Multifunctional Nanoplatfrom for Cancer Theranostics. [Scientific Reports](#), 6, 34874.

89Miramontes, J. & Gonzalez-Brambila, C. N. (2016). The Effects of External Collaboration on Research Output in Engineering. [Scientometrics](#), 109(2), 661-675.

90Valdez, L. F. & Gutierrez, J. M. (2016). Chocolate Classification by an Electronic Nose With Pressure Controlled Generated Stimulation. [Sensors](#), 16(10), 1745.

91Perez-Torres, R., Torres-Huitzil, C. & Galeana-Zapien, H. (2016). Full on-Device Stay Points Detection in Smartphones for Location-Based Mobile Applications. [Sensors](#), 16(10), 1693.

92Becerra-Sagredo, J., Malaga, C. & Mandujano, F. (2016). Moments Preserving and High-Resolution Semi-Lagrangian Advection Scheme. [Siam Journal on Scientific Computing](#), 38(4), A2141-A2161.

93Jafarian, A., Jafari, R., Al Qurashi, M. M. & Baleanu, D. (2016). A novel computational approach to approximate fuzzy interpolation polynomials. [Springerplus](#), 5(1), 1428.

94Cruz-Bautista, F., Zermeno-Gonzalez, A., Alvarez-Reyna, V., Cano-Rios, P., Rivera-Gonzalez, M. & Siller-Gonzalez, M. (2016). Validation of a Model to Estimate the Wet Bulb Dimensions in Drip Irrigation. [Tecnología Y Ciencias Del Agua](#), 7(1), 45-55.

95Xu, X. F., Drobna, Z., Voruganti, V. S. et al. (2016). Association Between Variants in Arsenic (+3 Oxidation State) Methyltransferase (As3mt) and Urinary Metabolites of Inorganic Arsenic: Role of Exposure Level. [Toxicological Sciences](#), 153(1), 112-123.

96Lopez-Garcia, R. D., Garcia-Pastor, F. A., Castro-Roman, M. J., Alfaro-Lopez, E. & Acosta-Gonzalez, F. A. (2016). Effect of Immersion Routes on the Quenching Distortion of a Long Steel Component Using a Finite Element Model. [Transactions of the Indian Institute of Metals](#), 69(9), 1645-1656.

97Organista-Nava, J., Gomez-Gomez, Y., Ocadiz-Delgado, R. et al. (2016). The HPV16 E7 oncoprotein increases the expression of Oct3/4 and stemness-related genes and augments cell self-renewal. [Virology](#), 499, 230-242.

98Gonzalez-Valencia, R., Magana-Rodriguez, F., Cristobal, J. & Thalasso, F. (2016). Hotspot Detection and Spatial Distribution of Methane Emissions From Landfills by a Surface Probe Method. [Waste Management](#), 55, 299-305.

99Cervantes, F. J., Rodriguez-Lopez, J. L., Pena-Martinez, M., Ascacio-Valdes, J. A., Aguilar, C. N. & Bahena, D. (2016). Enhanced Reduction of P-Nitrophenol by a Methanogenic Consortium Promoted by Metallic Nanoparticles. [Water Air and Soil Pollution](#), 227(10), 368.

100 Tirado-Mendez, J. A., Jardon-Aguilar, H., Delgado-Mendoza, J. L., Flores-Leal, R., Linares-Miranda, R. & Caltenco-Franca, J. H. (2016). Reduced Length Low-Impedance Folded Dipole by Employing Short-Circuited Stub Load. [Wireless Personal Communications](#), 91(1), 205-217.

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

101 Martinez-Soto, D. & Ruiz-Herrera, J. (2016). Induced resistance to *Ustilago maydis* in *Zea mays* inoculated in non-sterile conditions. [International Journal of Biotechnology for Wellness Industries](#), 5, 51-59.

102 Solis, C. A. G., Anaya, D. & Owen, P. Q. (2016). Stucco Architectural Sculpture From Calakmul, Campeche, Mexico: Material Transformation Throughout the Technological Process. [Intervencion-Revista Internacional De Conservacion Restauracion Y Museologia](#), 6(14), 16-30.

103 Martinez-Angeles, C. A., Dutra, I., Costa, V. S. & Buenabad-Chavez, J. Processing Markov Logic Networks With Gpus: Accelerating Network Grounding. [Lecture Notes in Artificial Intelligence](#), 9575, 122-136.

104 Rodriguez-Angeles, A., Nijmeijer, H. & Van Kuijk, F. J. M. A Bio-Inspired Autonomous Navigation Controller for Differential Mobile Robots Based on Crowd Dynamics. [Lecture Notes in Computer Science](#), 9713, 553-560.

105 Falcon-Cardona, J. G. & Coello-Coello, C. A. (2016). iMOACO(R): a new indicator-based multi-objective ant colony optimization algorithm for continuous search spaces. [Lecture Notes in Computer Science](#), 9921, 389-398.

106 Lechuga-Gutierrez, L. & Bayro-Corrochano, E. Quaternion Spike Neural Networks. [Lecture Notes in Computer Science](#), 9719, 640-646.

107 Bermudez, D., Drori, J. & Leonhardt, U. Dialogues About Geometry and Light. [Proceedings of the International School of Physics Enrico Fermi](#), 190, 1-30.

108 Mascaro, M., Sacristan, A. I. & Rufino, M. M. (2016). For the Love of Statistics: Appreciating and Learning to Apply Experimental Analysis and Statistics Through Computer Programming Activities (1). [Teaching Mathematics and Its Applications](#), 35(2), 74-87.

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

109 Bayro-Corrochano, E. J. & Hitzer, E. (2016). Special Issue: Signal and Image Processing, Integral Transforms, Cognition and Robotics Using Geometric Algebra Preface. [Advances in Applied Clifford Algebras](#), 26(3), 885-888.

110 Cantoral, R. (2016). Challenges and Achievements for Community of Mathematics Education ... [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 19(2), 133-134.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

111 Labastida, A., Haanes, K. A., De Vries, R., Daugherty, B., Lederman, S., Danser, A. H. J., Villalon, C. M. & Maassenvandenbrink, A. (2016). Isometheptene Enantiomers in Human Blood Vessels and Rat Middle Meningeal Artery. [Cephalalgia](#), 36, 103-104.

112 Beltran, E. R., Kristian, H., Labastida, A. et al. (2016). Lasmiditan and Sumatriptan: Comparison of in Vivo Vascular Constriction in the Dog and in Vitro Contraction of Human Arteries. [Cephalalgia](#), 36, 104-105.

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

113 Chavez-Lopez, M. D., Zuniga-Garcia, V., Perez-Carreon, J. I., Avalos-Fuentes, A., Escobar, Y. & Camacho, J. (2016). Eag1 Channels as Potential Early-Stage Biomarkers of Hepatocellular Carcinoma. [Biologics-Targets & Therapy](#), 10, 139-148.

114 Celada, M., Gonzalez, D. & Montesinos, M. (2016). Bf Gravity. [Classical and Quantum Gravity](#), 33(21), 213001.

115 Buendia-Monreal, M. & Gillmor, C. S. (2016). Mediator: A key regulator of plant development: Plant Development. [Developmental Biology](#), 419(1), 7-18.

116 Martinez-Castillo, M., Cardenas-Zuniga, R., Coronado-Velazquez, D., Debnath, A., Serrano-Luna, J. & Shibayama, M. (2016). Naegleria Fowleri After 50 Years: Is It a Neglected Pathogen? [Journal of Medical Microbiology](#), 65, 885-896.

117 Lopez-Naranjo, E. J., Gonzalez-Ortiz, L. J., Apatiga, L. M., Rivera-Munoz, E. M. & Manzano-Ramirez, A. (2016). Transparent Electrodes: a Review of the Use of Carbon-Based Nanomaterials. [Journal of Nanomaterials](#), 2016, 4928365.

118 Ruiz-Luna, H., Porcayo-Calderon, J., Alvarado-Orozco, J. M., Garcia-Herrera, J. E., Martinez-Gomez, L., Trapaga-Martinez, L. G. & Munoz-Saldana, J. (2016). Electrochemical Corrosion of Hvf-Sprayed Nicocraly Coatings in Co₂-Saturated Brine. [Journal of Thermal Spray Technology](#), 25(7), 1330-1343.

119 Perez-Torres, R., Torres-Huitzil, C. & Galeana-Zapien, H. (2016). Power Management Techniques in Smartphone-Based Mobility Sensing Systems: a Survey. [Pervasive and Mobile Computing](#), 31, 1-21.

120 Gonzalez-Sanchez, D. & Hernandez-Lerma, O. (2016). A Survey of Static and Dynamic Potential Games. [Science China-Mathematics](#), 59(11), 2075-2102.

Última actualización: marzo 23, 2017 12:18 p.m.

ARTÍCULOS DEL MES DE DICIEMBRE DE 2016

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

- 1 Berron-Ruiz, L., Lopez-Herrera, G., Avalos-Martinez, C. E., Valenzuela-Ponce, C., Ramirez-Sanjuan, E., Santoyo-Sanchez, G., Guzman, F. M., Espinosa-Rosales, F. J. & Santos-Argumedo, L. (2016). Variations of B Cell Subpopulations in Peripheral Blood of Healthy Mexican Population According to Age: Relevance for Diagnosis of Primary Immunodeficiencies. [Allergologia Et Immunopathologia](#), 44(6), 571-579.
- 2 Azcorra, H., Dickinson, F. & Banik, S. D. (2016). Maternal Height and Its Relationship to Offspring Birth Weight and Adiposity in 6-to 10-Year-Old Maya Children From Poor Neighborhoods in Merida, Yucatan. [American Journal of Physical Anthropology](#), 161(4), 571-579.
- 3 Gomez-Lopez, N., Romero, R., Arenas-Hernandez, M., Ahn, H., Panaitescu, B., Vadillo-Ortega, F., Sanchez-Torres, C., Salisbury, K. S. & Hassan, S. S. (2016). In Vivo T-Cell Activation by a Monoclonal Alpha Cd3 Epsilon Antibody Induces Preterm Labor and Birth. [American Journal of Reproductive Immunology](#), 76(5), 386-390.
- 4 Burguete-Argueta, N., De La Cruz, B. M., Camacho-Mejorado, R. et al. (2016). Forensic-Paternity Effectiveness and Genetics Population Analysis of Six Non-Codis Mini-Str Loci (D1s1656, D2s441, D6s1043, D10s1248, D12s391, D22s1045) and Se33 in Mestizo and Amerindian Populations From Mexico. [Annals of Human Biology](#), 43(6), 563-571.
- 5 Banik, S. D. (2016). Sitting Height Ratio and Interpretation of Bmi-Based Nutritional Status Among Sarak Adults of Bundu, Ranchi, Jharkhand, India. [Anthropological Notebooks](#), 22(1), 109-115.
- 6 Banik, S. D., Ghosh, M. & Bose, K. (2016). Anthropometric and body frame size characteristics in relation to body mass index and percentage body fat among adult Bengalee male brick-kiln workers from Murshidabad, West Bengal, India. [Anthropologischer Anzeiger; Bericht Uber Die Biologisch-Anthropologische Literatur](#), 73(4), 313-321.
- 7 Cruz-Plancarte, I., Cazares, A. & Guarneros, G. (2016). Genomic and Transcriptional Mapping of Pamx41, Archetype of a New Lineage of Bacteriophages Infecting Pseudomonas Aeruginosa. [Applied and Environmental Microbiology](#), 82(22), 6541-6547.
- 8 Zuccolotto-Bernez, A. B., Ben Braham, N., Haro-Perez, C. & Rojas-Ochoa, L. F. (2016). Characterization of Slow Dynamics in Turbid Colloidal Systems by a Cross-Correlation Scheme Based on Echo Dynamic Light Scattering. [Applied Optics](#), 55(31), 8806-8812.
- 9 Abeysekara, A. U., Alfaro, R., Alvarez, C. et al. (2016). Search for Tev Gamma-Ray Emission From Point-Like Sources in the Inner Galactic Plane With a Partial Configuration of the Hawc Observatory. [Astrophysical Journal](#), 817(1), 3.

10 Portillo, W., Gonzalez-Flores, O., Camacho, F. J., Mani, S. K. & Paredes, R. G. (2016). Participation of Progesterone Receptors in Facilitation and Sequential Inhibition of Lordosis Response Induced by Ring a-Reduced Progesterone Metabolites in Female Mice. [Behavioral Neuroscience](#), 130(6), 624-634.

11 Orencio-Trejo, M., Torres-Granados, J., Rangel-Lara, A. et al. (2016). Cellulase and Xylanase Production by the Mexican Strain *Talaromyces stollii* LV186 and Its Application in the Saccharification of Pretreated Corn and Sorghum Stover. [BioEnergy Research](#), 9(4), 1034-1045.

12 Molina-Jijon, E., Aparicio-Trejo, O. E., Medina-Campos, O. N. et al. (2016). The nephroprotection exerted by curcumin in maleate-induced renal damage is associated with decreased mitochondrial fission and autophagy. [BioFactors](#), 42(6), 686-702.

13 Gutierrez, M. I., Lopez-Haro, S. A., Vera, A. & Leija, L. (2016). Experimental Verification of Modeled Thermal Distribution Produced by a Piston Source in Physiotherapy Ultrasound. [BioMed Research International](#), 2016, 5484735.

14 Diaz-Reyes, J., Contreras-Rascon, J. I., Galvan-Arellano, M., Arias-Ceron, J. S., Gutierrez-Arias, J. E. M., Flores-Mena, J. E. & Morin-Castillo, M. M. (2016). Physical Property Characterization of Pb₂+Doped Cds Nanofilms Deposited by Chemical-Bath Deposition at Low Temperature. [Brazilian Journal of Physics](#), 46(6), 612-620.

15 Gonzalez-Ibarra, A. A., Nava-Alonso, F., Uribe-Salas, A. & Castillo-Ventureno, E. N. (2016). Decomposition Kinetics of Industrial Jarosite in Alkaline Media for the Recovery of Precious Metals by Cyanidation. [Canadian Metallurgical Quarterly](#), 55(4), 448-454.

16 Gildo-Ortiz, L., Reyes-Gomez, J., Flores-Alvarez, J. M., Guillen-Bonilla, H., Olvera, M. D. L., Betancourt, V. M. R., Verde-Gomez, Y., Guillen-Cervantes, A. & Santoyo-Salazar, J. (2016). Synthesis, Characterization and Sensitivity Tests of Perovskite-Type LaFeO₃ Nanoparticles in Co and Propane Atmospheres. [Ceramics International](#), 42(16), 18821-18827.

17 Soto, M. A. & Tiburcio, J. (2016). Self-assembly of a supramolecular network with pseudo-rotaxane cross-linking nodes and its transformation into a mechanically locked structure by rotaxane formation. [Chemical Communications](#), 52(98), 14149-14152.

18 Carmona-Espindola, J., Gazquez, J. L., Vela, A. & Trickey, S. B. (2016). Temperature Effects in Static and Dynamic Polarizabilities From Distinct Generalized Gradient Approximation Exchange-Correlation Functionals. [Chemical Physics Letters](#), 664, 77-82.

19 Valenzuela-Acosta, E. M., Prokhorov, E., Arias de Fuentes, O., Luna-Barcenas, G., Mauricio-Sanchez, R. A. & Elizalde-Pena, E. A. (2016). Chitosan-Gold Nanocomposite for Copper Ions Detection. [Current Nanoscience](#), 12(6), 754-761.

20 Solis, C. U., Clempner, J. B. & Poznyak, A. S. (2016). Modeling Multileader-Follower Noncooperative Stackelberg Games. [Cybernetics and Systems](#), 47(8), 650-673.

21 Hernandez-Zamora, M., Martinez-Jeronimo, F., Cristiani-Urbina, E. & Canizares-Villanueva, R. O. (2016). Congo Red Dye Affects Survival and Reproduction in the Cladoceran Ceriodaphnia Dubia. Effects of Direct and Dietary Exposure. [Ecotoxicology](#), 25(10), 1832-1840.

22 Treesatayapun, C. (2016). Stabilized Adaptive Controller Based on Direct if-Then Knowledge of Electronic Systems for Pwm Drivers. [Electrical Engineering](#), 98(1), 77-85.

23 Hernandez-Tobias, E. A., Gomez, R., Torres-Sanchez, L. et al. (2016). PPAR γ -LYPLAL1 Multi-Allelic Combination Associated with Obesity and Overweight in Mexican Adolescent Females. [Ethnicity & Disease](#), 26(4), 477-484.

24 Adam, J., Bielik, J., Broz, M. et al. (2016). Production of K*(892)0 and phi(1020) in p-Pb collisions at root = 5.02 TeV. [European Physical Journal C](#), 76(5), 245.

25 Tostado, S. L. & Castro, G. L. (2016). Radiative Corrections of O(Alpha) to B- -> V(0)L(-)(Nu)Over-Bar(L) Decays. [European Physical Journal C](#), 76(9), 495.

26 Trasvina-Arenas, C. H., Lopez-Castillo, L. M., Sanchez-Sandoval, E. & Brieba, L. G. (2016). Dispensability of the [4fe-4s] Cluster in Novel Homologues of Adenine Glycosylase Muty. [Febs Journal](#), 283(3), 521-540.

27 Reinoso-Pozo, Y., Del Rincon-Castro, M. C. & Ibarra, J. E. (2016). Characterization of a Highly Toxic Strain of Bacillus Thuringiensis Serovar Kurstaki Very Similar to the Hd-73 Strain. [Fems Microbiology Letters](#), 363(17), fnw188.

28 Navarro-Arias, M. J., Defosse, T. A., Dementhon, K. et al. (2016). Disruption of Protein Mannosylation Affects Candida Guilliermondii Cell Wall, Immune Sensing, and Virulence. [Frontiers in Microbiology](#), 7, 1951.

29 Fonseca-Garcia, C., Coleman-Derr, D., Garrido, E., Visel, A., Tringe, S. G. & Partida-Martinez, L. P. (2016). The Cacti Microbiome: Interplay Between Habitat-Filtering and Host-Specificity. [Frontiers in Microbiology](#), 7, 150.

30 Reyes-Aguirre, L. I. & Lamas, M. (2016). Oct4 Methylation-Mediated Silencing as an Epigenetic Barrier Preventing Muller Glia Dedifferentiation in a Murine Model of Retinal Injury. [Frontiers in Neuroscience](#), 10, 523.

31 Lopez-Castillo, L. M., Jimenez-Sandoval, P., Baruch-Torres, N., Trasvina-Arenas, C. H., Diaz-Quezada, C., Lara-Gonzalez, S., Winkler, R. & Brieba, L. G. (2016). Structural Basis for Redox Regulation of Cytoplasmic and Chloroplastic Triosephosphate Isomerases From Arabidopsis Thaliana. [Frontiers in Plant Science](#), 7, 1817.

32 Dante, R. C., Sanchez-Arevalo, F. M., Chamorro-Posada, P. et al. (2016). Copper Complexes Within the Supramolecular Solid Structure of Cyanuric Acid and Melamine. [Fullerenes Nanotubes and Carbon Nanostructures](#), 24(11), 688-697.

33 Salgado-Lugo, H., Sanchez-Arreguin, A. & Ruiz-Herrera, J. (2016). Heterologous expression of an active chitin synthase from Rhizopus oryzae. [Fungal Genetics and Biology](#), 97, 10-17.

34 Hernandez-Lagana, E., Rodriguez-Leal, D., Lua, J. & Vielle-Calzada, J. P. (2016). A Multigenic Network of Argonaute4 Clade Members Controls Early Megaspore Formation in Arabidopsis. [Genetics](#), 204(3), 1045-1056.

35 Vacca, O., Charles-Messance, H., El Mathari, B. et al. (2016). AAV-mediated gene therapy in Dystrophin-Dp71 deficient mouse leads to blood-retinal barrier restoration and oedema reabsorption. [Human Molecular Genetics](#), 25(14), 3070-3079.

36 Segura, C., Coello, C. A. C., Segredo, E. & Aguirre, A. H. (2016). A Novel Diversity-Based Replacement Strategy for Evolutionary Algorithms. [IEEE Transactions on Cybernetics](#), 46(12), 3233-3246.

37 Vargas, U. & Ramirez, A. (2016). Reformulating Extended Harmonic Domain Models for Accurate Representation of Harmonics Dynamics. [IEEE Transactions on Power Delivery](#), 31(6), 2562-2564.

38 Alarcon-Millan, J., Roman-Roman, A., Fernandez-Tilapa, G., Cortes-Malagon, E. M., Castanon-Sanchez, C. A., De Sampedro-Reyes, J., Cruz-Del Carmen, I. & Betancourt-Linares, R. (2016). Clarithromycin resistance and prevalence of Helicobacter pylori virulent genotypes in patients from Southern Mexico with chronic gastritis. [Infection, Genetics and Evolution](#), 44, 190-8.

39 Sanchez-Lopez, C., Quintanar, L., Cortes-Mejia, R., Del Campo, J. M., Miotto, M. C., Binolfi, A. & Fernandez, C. O. (2016). Copper Coordination Features of Human Islet Amyloid Polypeptide: The Type 2 Diabetes Peptide. [Inorganic Chemistry](#), 55(20), 10727-10740.

40 Rozenblum, G. & Vasilevski, N. (2016). Toeplitz Operators in the Herglotz Space. [Integral Equations and Operator Theory](#), 86(3), 409-438.

41 Juarez-Moran, L. A., Ariza-Ortega, J. A., Ramos-Cassellis, M. E., Luna-Suarez, S. & Diaz-Reyes, J. (2016). Analysis of Biodiesel Production by Transesterification of Crude Oil From the Pulp of Class Iii Avocado (Persea Americana Mill Var. Hass, Fuerte and Creole). [Interciencia](#), 41(11), 774-780.

42 Mora-Olivo, A., Alanis-Rodriguez, E., Marroquin-Castillo, J. J., Sarmiento-Munoz, T. I., Martinez-Avalos, J. G., Garza-Ocanas, F. & Torres-Castillo, J. A. (2016). Structure and Diversity of a Submontane Scrub Community in Tamaulipas, Mexico. [Interciencia](#), 41(11), 769-773.

43 Rios-Cabrera, R., Morales-Diaz, A. B., Aviles-Vinas, J. F. & Lopez-Juarez, I. (2016). Robotic Gmaw Online Learning: Issues and Experiments. [International Journal of Advanced Manufacturing Technology](#), 87(5-8), 2113-2134.

44 Perez-Escamirosa, F., Chousleb-Kalach, A., Hernandez-Baro, M. D. C., Sanchez-Margallo, J. A., Lorias-Espinoza, D. & Minor-Martinez, A. (2016). Construct Validity of a Video-Tracking System Based on Orthogonal Cameras Approach for Objective Assessment of Laparoscopic Skills. [International Journal of Computer Assisted Radiology and Surgery](#), 11(12), 2283-2293.

45 Keshtkar, S. & Poznyak, A. (2016). Adaptive Sliding Mode Controller Based on Super-Twist Observer for Tethered Satellite System. [International Journal of Control](#), 89(9), 1904-1915.

- 46 Zhermolenko, V. & Poznyak, A. (2016). Criteria of Robust Stability for Time-Varying. Dwang-Mitchel Differential Systems: Integral Funnel Method. [International Journal of Control](#), 89(11), 2297-2310.
- 47 Hernandez-Flores, G., Poggi-Varaldo, H. M. & Solorza-Feria, O. (2016). Comparison of alternative membranes to replace high cost Nafion ones in microbial fuel cells. [International Journal of Hydrogen Energy](#), 41(48), 23354-23362.
- 48 Flores-Rojas, E., Cruz-Martinez, H., Tellez-Cruz, M. M., Perez-Robles, J. F., Leyva-Ramirez, M. A., Calaminici, P. & Solorza-Feria, O. (2016). Electrocatalysis of oxygen reduction on CoNi-decorated-Pt nanoparticles: A theoretical and experimental study. [International Journal of Hydrogen Energy](#), 41(48), 23301-23311.
- 49 Suarez-Alcantara, K., Palacios-Lazcano, A. F., Funatsu, T. & Cabanas-Moreno, J. G. (2016). Hydriding and dehydriding in air-exposed MgFe powder mixtures. [International Journal of Hydrogen Energy](#), 41(48), 23380-23387.
- 50 Alonso-Lemus, I. L., Rodriguez-Varela, F. J., Figueroa-Torres, M. Z., Sanchez-Castro, M. E., Hernandez-Ramirez, A., Lardizabal-Gutierrez, D. & Quintana-Owen, P. (2016). Novel self-nitrogen-doped porous carbon from waste leather as highly active metal-free electrocatalyst for the ORR. [International Journal of Hydrogen Energy](#), 41(48), 23409-23416.
- 51 Tinoco-Munoz, C. V., Reyes-Rodriguez, J. L., Bahena-Uribe, D., Leyva, M. A., Cabanas-Moreno, J. G. & Solorza-Feria, O. (2016). Preparation, characterization and electrochemical evaluation of Ni-Pd and Ni-Pd-Pt nanoparticles for the oxygen reduction reaction. [International Journal of Hydrogen Energy](#), 41(48), 23272-23280.
- 52 Lopez, X. A., Fuentes, A. F., Melendez-Zaragoza, M., Diaz Guillen, J. A., Salinas-Gutierrez, J., Lopez-Ortiz, A. & Collins-Martinez, V. (2016). Synthesis, characterization and photocatalytic evaluation of MWO₄ (M=β-Ni, Co, Cu and Mn) tungstates. [International Journal of Hydrogen Energy](#), 41(48), 23312-23317.
- 53 Tellez-Cruz, M. M., Padilla-Islas, M. A., Godinez-Salomon, J. F., Lartundo-Rojas, L. & Solorza-Feria, O. (2016). Y-OH-decorated-Pt/C electrocatalyst for oxygen reduction reaction. [International Journal of Hydrogen Energy](#), 41(48), 23318-23328.
- 54 Gomez, M. A., Ochoa, G. & Mondie, S. (2016). Necessary Exponential Stability Conditions for Linear Periodic Time-Delay Systems. [International Journal of Robust and Nonlinear Control](#), 26(18), 3996-4007.
- 55 Aparicio, A., Castanos, F. & Fridman, L. (2016). Output Feedback Sliding-Mode Control With Unmatched Disturbances, an Lss Approach. [International Journal of Robust and Nonlinear Control](#), 26(18), 4056-4071.

56 Manzo-Valencia, M. K., Valdes-Santiago, L., Sanchez-Segura, L. & Guzman-De-Pena, D. L. (2016). Naphthalene Acetic Acid Potassium Salt (Naa-K+) Affects Conidial Germination, Sporulation, Mycelial Growth, Cell Surface Morphology, and Viability of *Fusarium Oxysporum* F. Sp *Radicis-Lycopersici* and *F. Oxysporum* F. Sp *Cubense* in Vitro. [Journal of Agricultural and Food Chemistry](#), 64(44), 8315-8323.

57 Mimila-Arroyo, J. (2016). Electrical Determination of the Bandgap Energies of the Emitter and Base Regions of Bipolar Junction Transistors. [Journal of Applied Physics](#), 120(16), 164508.

58 Tehuacanero-Cuapa, S., Reyes-Gasga, J., Rodriguez-Gomez, A., Bahena, D., Hernandez-Calderon, I. & Garcia-Garcia, R. (2016). The Low-Loss Eels Spectra From Radiation Damaged Gold Nanoparticles. [Journal of Applied Physics](#), 120(16), 164302.

59 Cervantes-Montelongo, J. A., Arechiga-Carvajal, E. T. & Ruiz-Herrera, J. (2016). Adaptation of *Ustilago Maydis* to Extreme Ph Values: a Transcriptomic Analysis. [Journal of Basic Microbiology](#), 56(11), 1222-1233.

60 Angeles-Lopez, Y. I., Rivera-Bustamante, R. F. & Heil, M. (2016). Colonization by Phloem-Feeding Herbivore Overrides Effects of Plant Virus on Amino Acid Composition in Phloem of Chili Plants. [Journal of Chemical Ecology](#), 42(10), 985-988.

61 Delgado-Venegas, R. I., Mejia-Rodriguez, D., Flores-Moreno, R., Calaminici, P. & Koster, A. M. (2016). Analytic second derivatives from auxiliary density perturbation theory. [Journal of Chemical Physics](#), 145(22), 224103.

62 Aartsen, M. G., Abraham, K., Ackermann, M. et al. (2016). Search for Correlations Between the Arrival Directions of Icecube Neutrino Events and Ultrahigh-Energy Cosmic Rays Detected by the Pierre Auger Observatory and the Telescope Array. [Journal of Cosmology and Astroparticle Physics](#), (1), 037.

63 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Study of Cosmic Ray Events With High Muon Multiplicity Using the Alice Detector at the Cern Large Hadron Collider. [Journal of Cosmology and Astroparticle Physics](#), (1), 032.

64 Caamal-Fuentes, E. E., Graniel-Sabido, M., Mena-Rejon, G. J. & Moo-Puc, R. E. (2016). Anti-Giardia Activity and Acute Toxicity of a Methanol Extract of *Senna Racemosa* Bark. [Journal of Ethnopharmacology](#), 193, 604-606.

65 Soto, K. M., Hernandez-Iturriaga, M., Loarca-Pina, G., Luna-Barcenas, G., Gomez-Aldapa, C. A. & Mendoza, S. (2016). Stable Nisin Food-Grade Electrospun Fibers. [Journal of Food Science and Technology-Mysore](#), 53(10), 3787-3794.

66 Ruiz Vargas, J. C., Khachatryan, V., Sirunyan, A. M. et al. (2016). Decomposing Transverse Momentum Balance Contributions for Quenched Jets in Pbpb Collisions at $\sqrt{s(Nn)}=2.76$ Tev. [Journal of High Energy Physics](#), (11), 055.

67 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Evidence for Exclusive Gamma Gamma \rightarrow W (+) W (-) Production and Constraints on Anomalous Quartic Gauge Couplings in Pp Collisions at and 8 Tev. [Journal of High Energy Physics](#), (8), 119.

68 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Phenomenological Mssm Interpretation of Cms Searches in Pp Collisions at Root S=7 and 8 Tev. [Journal of High Energy Physics](#), (10), 129.

69 Barajas-Castaneda, L. M., Cortes-Gutierrez, E., Garcia-Rodriguez, F., Campos-Rodriguez, R., Lara-Padilla, E., Enriquez-Rincon, F., Castro-Mussot, M. E. & Figueroa-Arredondo, P. (2016). Overexpression of Mmp-3 and Upa With Diminished Pai-1 Related to Metastasis in Ductal Breast Cancer Patients Attending a Public Hospital in Mexico City. [Journal of Immunology Research](#), 2016, 8519648.

70 Jardinez, C., Cruz-Borbolla, J., Alvarado-Rodriguez, J. G., Vela, A. & Alvarez-Mendez, R. J. (2016). Reduced density gradient as a novel approach for estimating QSAR descriptors, and its application to 1, 4-dihydropyridine derivatives with potential antihypertensive effects. [Journal of Molecular Modeling](#), 22(12), 296.

71 Appelbaum, R., Lau, E. Z., Foladori, G., Parker, R., Vazquez, L. L. V., Belmont, E. R. & Figueroa, E. R. A. (2016). Inventory of Nanotechnology Companies in Mexico. [Journal of Nanoparticle Research](#), 18(2), 43.

72 Pardo-Novoa, J. C., Arreaga-Gonzalez, H. M., Gomez-Hurtado, M. A., Rodriguez-Garcia, G., Cerda-Garcia-Rojas, C. M., Joseph-Nathan, P. & Del Rio, R. E. (2016). Absolute Configuration of Menthene Derivatives by Vibrational Circular Dichroism. [Journal of Natural Products](#), 79(10), 2570-2579.

73 Prado, L., Luis-Islas, J., Sandoval, O. I. et al. (2016). Activation of Glutamatergic Fibers in the Anterior NAc Shell Modulates Reward Activity in the aNAcSh, the Lateral Hypothalamus, and Medial Prefrontal Cortex and Transiently Stops Feeding. [Journal of Neuroscience](#), 36(50), 12511-12529.

74 Martinez-Palomo, A. (2016). Zika virus: An international emergency? [Journal of Public Health Policy](#), 37(2), 133-135.

75 Talavera-Pech, W. A., Esparza-Ruiz, A., Quintana-Owen, P., Vilchis-Nestor, A. R., Carrera-Figueiras, C. & Avila-Ortega, A. (2016). Effects of Different Amounts of Aptes on Physicochemical and Structural Properties of Amino-Functionalized Mcm-41-Msns. [Journal of Sol-Gel Science and Technology](#), 80(3), 697-708.

76 Montiel-Garcia, D. J., Mannige, R. V., Reddy, V. S. & Carrillo-Tripp, M. (2016). Structure Based Sequence Analysis of Viral and Cellular Protein Assemblies. [Journal of Structural Biology](#), 196(3), 299-308.

77 Pacheco, C. G. (2016). Picard Iterations for Diffusions on Symmetric Matrices. [Journal of Theoretical Probability](#), 29(4), 1444-1457.

78 Hernandez, A. G. & Kudriavtsev, Y. (2016). Bim+ ion beam patterning of germanium surfaces at different temperatures and ion fluence. [Journal of Vacuum Science & Technology B](#), 34(6), 061805.

79 Retama, I., Jonathan, M. P., Shruti, V. C., Velumani, S., Sarkar, S. K., Roy, P. D. & Rodriguez-Espinosa, P. F. (2016). Microplastics in tourist beaches of Huatulco Bay, Pacific coast of southern Mexico. [Marine Pollution Bulletin](#), 113(1-2), 530-535.

80 Angeles-Floriano, T., Roa-Espitia, A. L., Baltierrez-Hoyos, R., Cordero-Martinez, J., Elizondo, G. & Hernandez-Gonzalez, E. O. (2016). Absence of Aryl Hydrocarbon Receptor Alters Cdc42 Expression and Prevents Actin Polymerization During Capacitation. [Molecular Reproduction and Development](#), 83(11), 1015-1026.

81 Sanchez-Sanchez, L., Lopez-Munoz, H., Hernandez-Linares, M. G. et al. (2016). Antiproliferative, Cytotoxic, and Apoptotic Activity of Steroidal Oximes in Cervicouterine Cell Lines. [Molecules](#), 21(11), 1533.

82 Diaz-Blancas, V., Medina, D. I., Padilla-Ortega, E., Bortolini-Zavala, R., Olvera-Romero, M. & Luna-Barcenas, G. (2016). Nanoemulsion formulations of fungicide tebuconazole for agricultural applications. [Molecules](#), 21(10), 1271.

83 Enriquez-Zarate, J. & Silva-Navarro, G. (2016). Ground-Borne Vibration Control in a Building-Like Structure Using Multi-Positive Position Feedback Combined With Sliding Mode Control. [Noise Control Engineering Journal](#), 64(5), 668-676.

84 Garica-Trejo, E. M. A., Arellano-Buendia, A. S., Arguello-Garcia, R. et al. (2016). Effects of Allicin on Hypertension and Cardiac Function in Chronic Kidney Disease. [Oxidative Medicine and Cellular Longevity](#), 2016, 3850402.

85 Izeta-Alberdi, A., Ibarra-Cerdena, C. N., Moo-Llanes, D. A. & Ramsey, J. M. (2016). Geographical, landscape and host associations of Trypanosoma cruzi DTUs and lineages. [Parasites & Vectors](#), 9(1), 631.

86 Aztatzi-Aguilar, O. G., Uribe-Ramirez, M., Narvaez-Morales, J., De Vizcaya-Ruiz, A. & Barbier, O. (2016). Early kidney damage induced by subchronic exposure to PM2.5 in rats. [Particle and Fibre Toxicology](#), 13(1), 68.

87 Parra-Olea, G., Rovito, S. M., Garcia-Paris, M., Maisano, J. A., Wakes, D. B. & Hanken, J. (2016). Biology of Tiny Animals: Three New Species of Minute Salamanders (Plethodontidae: Thorius) From Oaxaca, Mexico. [Peerj](#), 4, e2694.

88 Rios-Perez, E. B., Garcia-Castaneda, M., Monsalvo-Villegas, A. & Avila, G. (2016). Chronic atrial ionic remodeling by aldosterone: potentiation of L-type Ca²⁺ channels and its arrhythmogenic significance. [Pflugers Archiv-European Journal of Physiology](#), 468(11-12), 1823-1835.

89 Iannitti, T., Morales-Medina, J. C., Coacci, A. & Palmieri, B. (2016). Experimental and Clinical Efficacy of Two Hyaluronic Acid-Based Compounds of Different Cross-Linkage and Composition in the Rejuvenation of the Skin. [Pharmaceutical Research](#), 33(12), 2879-2890.

- 90 Singh, S., Ibarra-Hernandez, W., Valencia-Jaime, I., Avendano-Franco, G. & Romero, A. H. (2016). Investigation of Novel Crystal Structures of Bi-Sb Binaries Predicted Using the Minima Hopping Method. [Physical Chemistry Chemical Physics](#), 18(43), 29771-29785.
- 91 Dennett, C. A., Cao, P., Ferry, S. E., Vega-Flick, A., Maznev, A. A., Nelson, K. A., Every, A. G. & Short, M. P. (2016). Bridging the gap to mesoscale radiation materials science with transient grating spectroscopy. [Physical Review B](#), 94(21), 214106.
- 92 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). D-Meson Production in P-Pb Collisions at Root S-Nn=5.02 Tev and in Pp Collisions at Root S=7 Tev. [Physical Review C](#), 94(5), 054908.
- 93 Roig, P. & Sanz-Cillero, J. J. (2016). Broad Diphoton Resonance at the Tev? Not Alone. [Physical Review D](#), 94(9), 095021.
- 94 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Measurement of the Forward-Backward Asymmetry of Lambda and (Lambda)Over-Bar Production in P(P)Over-Bar Collisions. [Physical Review D](#), 93(3), 032002.
- 95 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2016). Measurement of the Inclusive T(T)Over-Bar Production Cross Section in P(P)Over-Bar Collisions at Root S=1.96 Tev and Determination of the Top Quark Pole Mass. [Physical Review D](#), 94(9), 092004.
- 96 Adam, J., Bielcik, J., Broz, M. et al. (2016). Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at root s(N)(N) = 2.76 TeV. [Physical Review Letters](#), 117(18), 182301.
- 97 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Top Quark Pair Production Cross Section in Proton-Proton Collisions at Root S=13 Tev. [Physical Review Letters](#), 116(5), 052002.
- 98 Aab, A., Buchholz, P., Erfani, M. et al. (2016). Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. [Physical Review Letters](#), 117(19), 192001.
- 99 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Angular Analysis of the Decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ From Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 753, 424-448.
- 100 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Azimuthal Anisotropy of Charged Jet Production in Root S(Nn)=2.76 Tev Pb-Pb Collisions. [Physics Letters B](#), 753, 511-525.
- 101 Adam, W., Asilar, E., Bergauer, T. et al. (2016). Combined Search for Anomalous Pseudoscalar Hw Couplings in $V_h(H \rightarrow B(B)Over-Bar)$ Production and $H \rightarrow V\nu$ Decay. [Physics Letters B](#), 759, 672-696.
- 102 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Elliptic Flow of Muons From Heavy-Flavour Hadron Decays at Forward Rapidity in Pb-Pb Collisions at Root S(Nn)=2.76tev. [Physics Letters B](#), 753, 41-56.

103 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Forward-Central Two-Particle Correlations in P-Pb Collisions at $\sqrt{s(Nn)}=5.02$ TeV. [Physics Letters B](#), 753, 126-139.

104 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of the Inelastic Cross Section in Proton-Lead Collisions at $\sqrt{s(Nn)}=5.02$ TeV. [Physics Letters B](#), 759, 641-662.

105 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Pseudorapidity and Transverse-Momentum Distributions of Charged Particles in Proton-Proton Collisions at $\sqrt{s}=13$ TeV. [Physics Letters B](#), 753, 319-329.

106 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for a Higgs Boson Decaying Into $\gamma^*\gamma \rightarrow l\bar{l}\gamma$ With Low Dilepton Mass in Pp Collisions at $\sqrt{s}=8$ TeV. [Physics Letters B](#), 753, 341-362.

107 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Exotic Decays of a Higgs Boson Into Undetectable Particles and One or More Photons. [Physics Letters B](#), 753, 363-388.

108 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Neutral Resonances Decaying Into a Z Boson and a Pair of B Jets or Tau Leptons. [Physics Letters B](#), 759, 369-394.

109 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in Electroweak Production With Photons and Large Missing Transverse Energy in Pp Collisions at $\sqrt{s}=8$ TeV. [Physics Letters B](#), 759, 479-500.

110 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in Events With Soft Leptons, Low Jet Multiplicity, and Missing Transverse Energy in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. [Physics Letters B](#), 759, 9-35.

111 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Study of Z Boson Production in Ppb Collisions at $\sqrt{s(Nn)}=5.02$ TeV. [Physics Letters B](#), 759, 36-57.

112 Lugovykh, A. M., Charikova, T. B., Okulov, V. I., Moiseev, K. D. & Kudryavtsev, Y. A. (2016). Charge Transfer Features and Ferromagnetic Order in Semiconductor Heterostructures Delta-Doped With Manganese. [Physics of the Solid State](#), 58(11), 2240-2243.

113 Sanchez-Viveros, G., Ruvalcaba-Sil, J. L., Ferrera-Cerrato, R., Alarcon, A. & Xoconostle-Cazares, B. (2016). Changes in Elemental Content in Fronds of *Azolla Filiculoides* Due to Arsenic Accumulation. [Plant Biosystems](#), 150(6), 1332-1340.

114 Valdez-Morales, M., Carlos, L. C., Valverde, M. E., Ramirez-Chavez, E. & Paredes-Lopez, O. (2016). Phenolic Compounds, Antioxidant Activity and Lipid Profile of Huitlacoche Mushroom (*Ustilago Maydis*) Produced in Several Maize Genotypes at Different Stages of Development. [Plant Foods for Human Nutrition](#), 71(4), 436-443.

115 Lozano-Sotomayor, P., Montes, R. A. C., Silvestre-Vano, M. et al. (2016). Altered Expression of the Bzip Transcription Factor Drink Me Affects Growth and Reproductive Development in *Arabidopsis Thaliana*. [Plant Journal](#), 88(3), 437-451.

116 Martinez-Castillo, M., Bonilla-Moreno, R., Aleman-Lazarini, L., Meraz-Rios, M. A., Orozco, L., Cedillo-Barron, L., Cordova, E. J. & Villegas-Sepulveda, N. (2016). A Subpopulation of the K562 Cells Are Killed by Curcumin Treatment After G2/M Arrest and Mitotic Catastrophe. [Plos One](#), 11(11), e165971.

117 Fernandez-Gallardo, M., Monjaraz, E., Gonzalez-Ramirez, R., Sandoval, A. & Felix, R. (2016). Adenosine Stimulate Proliferation and Migration in Triple Negative Breast Cancer Cells. [Plos One](#), 11(12), e0167445.

118 De Leon-Bautista, M. P., Cardenas-Aguayo, M. D., Casique-Aguirre, D., Almaraz-Salinas, M., Parraguirre-Martinez, S., Olivo-Diaz, A., Thompson-Bonilla, M. D. & Vargas, M. (2016). Immunological and Functional Characterization of Rhogdi3 and Its Molecular Targets Rhog and Rhob in Human Pancreatic Cancerous and Normal Cells. [Plos One](#), 11(11), e0166370.

119 Massange-Sanchez, J. A., Palmeros-Suarez, P. A., Espitia-Rangel, E., Rodriguez-Arevalo, I., Sanchez-Segura, L., Martinez-Gallardo, N. A., Alatorre-Cobos, F., Tiessen, A. & Delano-Frier, J. P. (2016). Overexpression of Grain Amaranth (*Amaranthus Hypochondriacus*) Aherf or Ahdof Transcription Factors in Arabidopsis Thaliana Increases Water Deficit- and Salt-Stress Tolerance, Respectively, Via Contrasting Stress-Amelioration Mechanisms. [Plos One](#), 11(10), e0164280.

120 Medina-Gomez, I., Madden, C. J., Herrera-Silveira, J. & Kjertve, B. (2016). Response of *Thalassia Testudinum* Morphometry and Distribution to Environmental Drivers in a Pristine Tropical Lagoon. [Plos One](#), 11(10), e164014.

121 Tlelo-Cuautle, E., Quintas-Valles, A. J., Rangel-Magdaleno, J. J. & De la Fraga, L. G. (2016). VHDL Descriptions for the FPGA Implementation of PWL-Function-Based Multi-Scroll Chaotic Oscillators. [Plos One](#), 11(12), e0168300.

122 Bolanos, J., Betanzos, A., Javier-Reyna, R. et al. (2016). EhNPC1 and EhNPC2 proteins participate in trafficking of exogenous cholesterol in *Entamoeba histolytica* trophozoites: relevance for phagocytosis. [Plos Pathogens](#), 12(12), e1006089.

123 Fernandez-Luqueno, F., Mendoza-Cristino, R. & Dendooven, L. (2016). Do Application Rates of Wastewater Sewage Sludge Affect the Removal of Paks From Alkaline Saline Soil? [Polish Journal of Environmental Studies](#), 25(6), 2367-2372.

124 Nasr, E. M., Kusano, M., Nguyen, K. H., Tran, L. S., Watanabe, Y., Ha, C. V., Saito, K., Sulieman, S. & Herrera-Estrella, L. (2016). Adaptation of the symbiotic Mesorhizobium-chickpea relationship to phosphate deficiency relies on reprogramming of whole-plant metabolism. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(32), E4610-E4619.

125 Vallebuena-Estrada, M., Rodriguez-Arevalo, I., Vielle-Calzada, J.-P., Rougon-Cardoso, A., Montiel, R., Martinez-Gonzalez, J. & Garcia-Cook, A. (2016). The earliest maize from San Marcos Tehuacan is a partial domesticate with genomic evidence of inbreeding. [Proceedings of the National Academy of Sciences of the United States of America](#), 113(49), 14151-14156.

126 Hernandez-Hernandez, A., Hernandez-Hernandez, L. A., Monroy, B. M., Santoyo-Salazar, J., Santana-Rodriguez, G., Marquez-Herrera, A., Gallardo-Hernandez, S., Mani-Gonzalez, P. G. & Melendez-Lira, M. (2016). Synthesis of Self-Assembled Ge Nanocrystals Employing Reactive Rf Sputtering. [Revista Mexicana De Fisica](#), 62(6), 558-564.

127 Rougon-Cardoso, A., Flores-Ponce, M., Ramos-Aboites, H. E. et al. (2016). The Genome, Transcriptome, and Proteome of the Nematode *Steinernema Carpocapsae*: Evolutionary Signatures of a Pathogenic Lifestyle. [Scientific Reports](#), 6, 37536.

128 Bueno, D., Valdez, L. F., Gutierrez-Salgado, J. M., Munoz, R. & Marty, J. L. (2016). Colorimetric Analysis of Ochratoxin A in Beverage Samples. [Sensors](#), 16(11), 1888.

129 Moran-Lazaro, J. P., Lopez-Urias, F., Munoz-Sandoval, E., Blanco-Alonso, O., Sanchez-Tizapa, M., Carreon-Alvarez, A., Guillen-Bonilla, A., Olvera-Amador, M. L. & Rodriguez-Betancourt, V. M. (2016). Synthesis, Characterization, and Sensor Applications of Spinel ZnCo₂O₄ Nanoparticles. [Sensors](#), 16(12), 2162.

130 Herrera-Velarde, S., Perez-Angel, G. & Castaneda-Priego, R. (2016). One-Dimensional Gaussian-Core Fluid: Ordering and Crossover From Normal Diffusion to Single-File Dynamics. [Soft Matter](#), 12(44), 9047-9057.

131 Escalante-Aburto, A., Ponce-Garcia, N., Ramirez-Wong, B., Santiago-Ramos, D., Veles-Medina, J. J. & Figueroa-Cardenas, J. D. (2016). Effect of extrusion factors and particle size on starch properties of nixtamalized whole blue corn snacks. [Starch-Starke](#), 68(11-12), 1111-1120.

132 Figueroa-Cardenas, J. D., Veles-Medina, J. J., Esquivel-Martinez, A. M., Mariscal-Moreno, R. M., Santiago-Ramos, D. & Hernandez-Estrada, Z. J. (2016). Effect of processing procedure on the formation of resistant starch in tamales. [Starch-Starke](#), 68(11-12), 1121-1128.

133 Acosta-Silva, Y. J., Castanedo-Perez, R., Torres-Delgado, G., Mendez-Lopez, A. & Zelaya-Angel, O. (2016). Analysis of the photocatalytic activity of CdS+ZnTiO₃ nanocomposite films prepared by sputtering process. [Superlattices and Microstructures](#), 100, 148-157.

134 Santibanez, A., Herrera-Trejo, M., Oliva, J. & Martinez, A. I. (2016). Electrochemical deposition of Ni-Fe alloys into porous alumina for solar selective absorbers. [Superlattices and Microstructures](#), 100, 973-982.

135 Ramirez, S. E., Garcia-Cerda, L. A. & Gonzalez, L. A. (2016). Influence of triethanolamine in the deposition of Mn-doped ZnO thin films by the successive ionic layer adsorption and reaction process. [Superlattices and Microstructures](#), 100, 409-417.

136 Ordorica-Flores, R., Figueroa-Portillo, R., Perez-Escamirosa, F., Lorias-Espinoza, D., Minor-Martinez, A., Olivares-Clavijo, H., Zalles-Vidal, C. & Nieto-Zermeno, J. (2016). Pediatric Inguinal Hernia Repair With a Single-Incision Approach Using an Endo Close (Tm) Suturing Device. [Surgical Endoscopy and Other Interventional Techniques](#), 30(11), 5134-5135.

137 Hernandez, D., Castanos, F. & Fridman, L. (2016). Zero-dynamics design and its application to the stabilization of implicit systems. [Systems & Control Letters](#), 98, 74-78.

138 Galaviz-Mosqueda, A., Villarreal-Reyes, S., Galeana-Zapien, H., Rubio-Loyola, J. & Rivera-Rodriguez, R. (2016). Genetic Tuning of Fuzzy Rule-Based Systems for Multi-Hop Broadcast Protocols for Vanets. [Telecommunication Systems](#), 63(3), 399-420.

139 Hernandez-Trejo, J. A., Gutierrez-Martinez, I. Z., Fernandez-Vargas, O. E. et al. (2016). The pro-inflammatory cytokines IFN gamma/TNF alpha increase chromogranin A-positive neuroendocrine cells in the colonic epithelium. [The Biochemical Journal](#), 473(21), 3805-3818.

140 Batista-Leyva, A. J. & Ruiz-Suarez, J. C. (2016). Coefficient of restitution mediated by a diamagnetic interaction. [The European Physical Journal E-Soft Matter](#), 39(7), 74.

141 Cruz-Olvera, D., Geudtner, G. & Calaminici, P. (2016). Molecular graphs of Mo₂nCn (n = 1-10) clusters. [Theoretical Chemistry Accounts](#), 135(11), 247.

142 Renan, X., Montero-Munoz, J., Garza-Perez, J. R. & Brule, T. (2016). Age and Stock Analysis Using Otolith Shape in Gags From the Southern Gulf of Mexico. [Transactions of the American Fisheries Society](#), 145(6), 1252-1265.

143 Ceja-Rangel, H. A., Sanchez-Suarez, P., Castellanos-Juarez, E., Penaroja-Flores, R., Arenas-Aranda, D. J., Gariglio, P. & Benitez-Bribiesca, L. (2016). Shorter Telomeres and High Telomerase Activity Correlate With a Highly Aggressive Phenotype in Breast Cancer Cell Lines. [Tumor Biology](#), 37(9), 11917-11926.

144 Bermudez-Cruz, R. M., Fonseca-Linan, R., Grijalva-Contreras, L. E., Mendoza-Hernandez, G. & Ortega-Pierres, M. G. (2016). Proteomic analysis and immunodetection of antigens from early developmental stages of *Trichinella spiralis*. [Veterinary Parasitology](#), 231, 22-31.

145 Cabrera-Romo, S., Max-Ramirez, C., Recio-Totoro, B., Tolentino-Chi, J., Lanz, H., Del Angel, R. M., Sanchez-Cordero, V., Rodriguez-Moreno, A. & Ludert, J. E. (2016). No Evidence of Dengue Virus Infections in Several Species of Bats Captured in Central and Southern Mexico. [Zoonoses and Public Health](#), 63(8), 579-583.

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

146 Oviedo-Mendoza, M., Valenzuela-Acosta, E. M., Prokhorov, E., Luna-Barcenas, G. & Kumar-Krishnan, S. (2016). Percolation phenomena in polymer nanocomposites. [Advanced Materials Letters](#), 7(5), 353-359.

147 Calderon-Gonzalez, K. G., Herrera-Aguirre, M. E., Luna-Arias, J. P. & Hernandez-Monge, J. (2016). Bioinformatics Tools for Proteomics Data Interpretation. [Advances in Experimental Medicine and Biology](#), 919, 281-341.

- 148 Munguia-Rosas, M. A., Leon, A. & Martinez-Nataren, D. A. (2016). Parasitism on Seed Predators Overcomes the Detrimental Effects of Defoliation on Plant Fitness in a Tritrophic System. [Arthropod-Plant Interactions](#), 10(6), 535-543.
- 149 Valenzuela-Garcia, C., Figueras, O., Arnau-Vera, D. & Gutierrez-Soto, J. (2016). Toward a teaching model for fractions based on the use of applets. [Educacion Matematica En La Infancia](#), 5(2), 1-20.
- 150 Hernandez-Gonzalez, I. L. & Olmedo-Alvarez, G. (2016). Draft Whole-Genome Sequence of the Type Strain Bacillus aquimaris TF12T. [Genome Announcements](#), 4(4), e00640-16.
- 151 Hernandez-Gonzalez, I. L. & Olmedo-Alvarez, G. (2016). Draft Whole-Genome Sequence of the Type Strain Bacillus horikoshii DSM 8719. [Genome Announcements](#), 4(4), e00641-16.
- 152 Ramirez-Sanchez, O., Perez-Rodriguez, P., Delaye, L. & Tiessen, A. (2016). Plant Proteins Are Smaller Because They Are Encoded by Fewer Exons than Animal Proteins. [Genomics, Proteomics & Bioinformatics](#), 14(6), 357-370.
- 153 Fallas-Soto, R. & Cantoral-Uriza, R. (2016). Estudio socioepistemologico del teorema de existencia y unicidad em las ecuaciones diferenciales ordinarias. [Histemat-Revista De Historia Da Educacao Matematica](#), (3), 256-280.
- 154 Valdez, S., Pech-Canul, M. I. & Rodriguez, R. A. (2016). Phase transitions for Al-base alloy on themicro structural experimental measurements. [International Journal of Innovative Research in Science, Engineering and Technology](#), 5(10), 17501.
- 155 Garcia-Munoz, A., Bologna-Molina, R., Rodriguez, M. A., Liceaga-Reyes, R., Farfan-Morales, J. E., Aranda-Romo, S., Molina-Frechero, N. & Gonzalez-Gonzalez, R. (2016). Orosomucoid-1 Expression in Ameloblastoma Variants. [International Journal of Molecular and Cellular Medicine](#), 5(1), 49-56.
- 156 Reyes, F. C., Morales, M. E. L. & Morales, E. L. (2016). Institutional Genetic Imprinting and Development of International Identity: Bibliometric Study on Spinal-Cord-Cat in Cinvestav. [Investigacion Bibliotecologica](#), 30(70), 41-60.
- 157 Lopez, E. M. & Coello, C. A. C. (2016). A Parallel Multi-Objective Memetic Algorithm Based on the Igd Plus Indicator. [Lecture Notes in Computer Science](#), 9921, 473-482.
- 158 Gomez, R. H., Coello, C. A. C. & Alba, E. (2016). A Parallel Version of Sms-Emoa for Many-Objective Optimization Problems. [Lecture Notes in Computer Science](#), 9921, 568-577.
- 159 Cortes-Davalos, S. & Mendoza, S. (2016). Ar-Based Modeling of 3d Objects in Multi-User Mobile Environments. [Lecture Notes in Computer Science](#), 9848, 21-36.
- 160 Antonio, L. M. & Coello, C. A. C. (2016). Decomposition-Based Approach for Solving Large Scale Multi-Objective Problems. [Lecture Notes in Computer Science](#), 9921, 525-534.

161 Kalman, J. & Rendon, V. (2016). The use of spreadsheets to analyze qualitative data. [Magis-Revista Internacional De Investigacion En Educacion](#), 9(18), 29-48.

162 Reyes-Cortes, R., Arguijo-Hernandez, E. S., Carballo-Ontiveros, M. A., Martinez-Penafiel, E. & Kameyama, L. (2016). Random Transposon Mutagenesis for Cell-Envelope Resistant to Phage Infection. [Methods in Molecular Biology](#), 1440, 71-83.

163 Jayaraman, V. K., Maldonado-Alvarez, A. & Olvera-Amador, M. L. (2016). Influence of Al, In codoping in enhancing the Figure of Merit of ZnO thin films for TCO Applications. [MRS Advances](#), 1(2), 133-139.

164 Vega-Rivera, N. M., Gallardo-Tenorio, A., Fernandez-Guasti, A. & Estrada-Camarena, E. (2016). The Post-Ovariectomy Interval Affects the Antidepressant-Like Action of Citalopram Combined with Ethynyl-Estradiol in the Forced Swim Test in Middle Aged Rats. [Pharmaceuticals](#), 9(2), 21.

165 Raba-Paez, A. M., Falcony-Guajardo, C. & Rincon-Joya, M. (2016). Evaluation of the photocatalytic activity of T-Nb₂O₅ nanostructures obtained by sol-gel method. [Respuestas](#), 21(2), 80-91.

166 Timana-Pena, J. A., Cobos-Lozada, C. A. & Torres-Jimenez, J. (2016). Metaheuristic Algorithms for Building Covering Arrays: a Review. [Revista Facultad De Ingenieria, Universidad Pedagogica Y Tecnologica De Colombia](#), 25(43), 31-45.

167 Torres-Huitzil, C. (2016). A Review of Image Interest Point Detectors: From Algorithms to Fpga Hardware Implementations. [Studies in Computational Intelligence](#), 630, 47-74.

168 Aguilar-Lopez, R. & Mata-Machuca, J. L. (2016). A New Finite-Time Observer for Nonlinear Systems: Applications to Synchronization of Lorenz-Like Systems. [TheScientificWorldJournal](#), 2016, 8342089.

169 Ramirez-Garcia, R. G. (2016). Una politica para la incorporacion de jovenes investigadores: el programa de "Catedras Conacyt". [Universidades](#), (69), 35-48.

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

170 Duncan, R. A., Hofmann, F., Vega-Flick, A., Eliason, J. K., Maznev, A. A., Every, A. G. & Nelson, K. A. (2016). Increase in Elastic Anisotropy of Single Crystal Tungsten Upon He-Ion Implantation Measured With Laser-Generated Surface Acoustic Waves (Vol 109, 151906, 2016). [Applied Physics Letters](#), 109(19), 199902.

171 Moreno-Armendariz, M. A., Hagan, M., Alba, E., Rubio, J. D., Cruz-Villar, C. A. & Leguizamon, G. (2016). Advances in Neural Networks and Hybrid-Metaheuristics: Theory, Algorithms, and Novel Engineering Applications. [Computational Intelligence and Neuroscience](#), 2016, 3263612.

172 Ciccarella, G., Lund, G. & Zaina, S. (2016). Trojan Horses for Drugs: a New Role for Lipoproteins? [Current Opinion in Lipidology](#), 27(6), 638-639.

173 Meneses, A. & Gasbarri, A. (2016). Serotonin and Memory (Vol 7, 8, 2016). [Frontiers in Pharmacology](#), 7, 8.

174 Abreu, A. G., Nunes, K. O., Moraes, C. T. P., Barbosa, A. S., Piazza, R. M. F., Elias, W. P., Abe, C. M., Chavez-Duenas, L. & Navarro-Garcia, F. (2016). The serine protease Pic as a virulence factor of atypical enteropathogenic Escherichia coli. [Gut Microbes](#), 7(2), 115-25.

175 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Direct Pair Production of Scalar Top Quarks in the Single- and Dilepton Channels in Proton-Proton Collisions at Root S = 8 Tev (Vol 07, 027, 2016). [Journal of High Energy Physics](#), (9), 056.

176 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Third-Generation Scalar Leptoquarks in the T Tau Channel in Proton-Proton Collisions at Root S = 8 Tev (Vol 7, 042, 2015). [Journal of High Energy Physics](#), (11), 056.

177 Martinez-Maldonado, A., Luna-Munoz, J. & Ferrer, I. (2016). Incidental Corticobasal Degeneration. [Neuropathology and Applied Neurobiology](#), 42(7), 659-663.

178 Gutierrez, R. & Simon, S. A. (2016). Why do people living in hot climates like their food spicy? [Temperature](#), 3(1), 48-49.

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

179 Sanchez, J. L. V., Luis, B., Arroyo, R., Ortega, J., Rojo, A. & Cardoza, C. B. (2016). Drug Design Against Trichomoniasis. [Protein Science](#), 25, 73.

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

180 Vadala, M., Morales-Medina, J. C., Vallelunga, A., Palmieri, B., Laurino, C. & Iannitti, T. (2016). Mechanisms and Therapeutic Effectiveness of Pulsed Electromagnetic Field Therapy in Oncology. [Cancer Medicine](#), 5(11), 3128-3139.

181 Gonzalez-Mariscal, L., Posadas, Y., Miranda, J., Uc, P. Y., Ortega-Olvera, J. M. & Hernandez, S. (2016). Strategies That Target Tight Junctions for Enhanced Drug Delivery. [Current Pharmaceutical Design](#), 22(35), 5313-5346.

182 Shrivastava, G., Leon-Juarez, M., Garcia-Cordero, J., Meza-Sanchez, D. E. & Cedillo-Barron, L. (2016). Inflammasomes and Its Importance in Viral Infections. [Immunologic Research](#), 64(5-6), 1101-1117.

183 Vazquez-Prado, J., Bracho-Valdes, I., Cervantes-Villagrana, R. D. & Reyes-Cruz, G. (2016). G Beta Gamma Pathways in Cell Polarity and Migration Linked to Oncogenic Gpcr Signaling: Potential Relevance in Tumor Microenvironment. [Molecular Pharmacology](#), 90(5), 573-586.

184 Nieto-Alamilla, G., Marquez-Gomez, R., Garcia-Galvez, A. M., Morales-Figueroa, G. E. & Arias-Montano, J. A. (2016). The Histamine H-3 Receptor: Structure, Pharmacology, and Function. [Molecular Pharmacology](#), 90(5), 649-673.

Última actualización: marzo 24, 2017 08:42 a.m.

