

## 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 Pb<sub>2</sub>+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 LaFeO<sub>3</sub> 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 $\gamma$ -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. & Briebe, 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. & Briebe, 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 MWO<sub>4</sub> (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 Ca<sup>2+</sup> 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 ZnCo<sub>2</sub>O<sub>4</sub> 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+ZnTiO<sub>3</sub> 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 Mo<sub>2</sub>nC<sub>n</sub> (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-Nb<sub>2</sub>O<sub>5</sub> 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.

