

ARTÍCULOS DEL MES DE JULIO DE 2016

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

- 1 Mendez-Camacho, R., Mendez-Garcia, V. H., Lopez-Lopez, M. & Cruz-Hernandez, E. (2016). New Orientations in the Stereographic Triangle for Self-Assembled Faceting. [Aip Advances](#), 6(6), 065023.
- 2 Jimenez-Sanchez, A. & Santillan, R. (2016). A Photochromic-Acidochromic Hcl Fluorescent Probe. An Unexpected Chloride-Directed Recognition. [Analyst](#), 141(13), 4108-4120.
- 3 Prieto-Rumeau, T. & Hernandez-Lerma, O. (2016). Uniform Ergodicity of Continuous-Time Controlled Markov Chains: a Survey and New Results. [Annals of Operations Research](#), 241(1-2), 249-293.
- 4 Ortega-Amaya, R., Matsumoto, Y., Espinoza-Rivas, A. M., Perez-Guzman, M. A. & Ortega-Lopez, M. (2016). Development of Highly Faceted Reduced Graphene Oxide-Coated Copper Oxide and Copper Nanoparticles on a Copper Foil Surface. [Beilstein Journal of Nanotechnology](#), 7, 1010-1017.
- 5 Chuang, P. C., Young, M. B., Dale, A. W., Miller, L. G., Herrera-Silveira, J. A. & Paytan, A. (2016). Methane and Sulfate Dynamics in Sediments From Mangrove-Dominated Tropical Coastal Lagoons, Yucatan, Mexico. [Biogeosciences](#), 13(10), 2981-3001.
- 6 Moran-Santibanez, K., Cruz-Suarez, L. E., Ricque-Marie, D., Robledo, D., Freile-Pelegrin, Y., Pena-Hernandez, M. A., Rodriguez-Padilla, C. & Trejo-Avila, L. M. (2016). Synergistic Effects of Sulfated Polysaccharides From Mexican Seaweeds Against Measles Virus. [Biomed Research International](#), 2016, 8502123.
- 7 Leon-Carriedo, M., Gutierrez, C. A., Lopez-Cuevas, J., Pech-Canul, M. I. & Rodriguez-Galicia, J. L. (2016). The Effect of Residual Stress on Mechanical Resistance of Zrsio4/Al2o3 Laminates. [Boletin De La Sociedad Espanola De Ceramica Y Vidrio](#), 55(3), 87-94.
- 8 Lopez-Canales, O. A., Castillo-Hernandez, M. C., Vargas-Robles, H., Rios, A., Lopez-Canales, J. S. & Escalante, B. (2016). Role of Adenylyl Cyclase in Reduced Beta-Adrenoceptor-Mediated Vasorelaxation During Maturation. [Brazilian Journal of Medical and Biological Research](#), 49(7), e5285.
- 9 Gonzalez-Santillan, E. & Prendini, L. (2016). Systematic Revision of the North American Syntropine Vaejovid Scorpion Genera Maaykuyak, Syntropis, and Vizcaino, With Description of the Adults of Syntropis Williamsi. [Bulletin of the American Museum of Natural History](#), (405), 1-68.
- 10 Torres-Rojas, R. M. & Baquero, R. (2016). Theoretical study of graphite intercalated with water cyclic hexamers. [Carbon](#), 107, 332-337.

- 11 Zuniga-Silva, J. R., Chan-Cupul, W., Loera, O., Aguilar-Lopez, R., Xoconostle-Cazares, B. & Vazquez, R. R. (2016). In Vitro Toxic Effects of Heavy Metals on Fungal Growth and Phosphate-Solubilising Abilities of Isolates Obtained From *Phragmites Australis* Rhizosphere. [Chemistry and Ecology](#), 32(1), 49-67.
- 12 Celada, M., Montesinos, M. & Romero, J. (2016). Barbero's Formulation From a Bf-Type Action With the Immirzi Parameter. [Classical and Quantum Gravity](#), 33(11), 115014.
- 13 Berron-Ruiz, L., Lopez-Herrera, G., Vargas-Hernandez, A., Santos-Argumedo, L., Lopez-Macias, C., Isibasi, A., Segura-Mendez, N. H. & Bonifaz, L. (2016). Impaired Selective Cytokine Production by Cd4(+) T Cells in Common Variable Immunodeficiency Associated With the Absence of Memory B Cells. [Clinical Immunology](#), 166, 19-26.
- 14 Torres, L., Delgado-Aguinaga, J. A., Besancon, G., Verde, C. & Begovich, O. (2016). Equivalent Lienard-type models for a fluid transmission line. [Comptes Rendus Mecanique](#), 344(8), 582-595.
- 15 Ruiz-Martinez, G., Rivillas-Ospina, G. D., Marino-Tapia, I. & Posada-Vanegas, G. (2016). Sandy: a Matlab Tool to Estimate the Sediment Size Distribution From a Sieve Analysis. [Computers & Geosciences](#), 92, 104-116.
- 16 Corrochano, L. M., Kuo, A., Marcet-Houben, M. et al. (2016). Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. [Current Biology](#), 26(12), 1577-1584.
- 17 Duran-Flores, D. & Heil, M. (2016). Sources of specificity in plant damaged-self recognition. [Current Opinion in Plant Biology](#), 32, 77-87.
- 18 Lopez-Ortega, O., Ovalle-Garcia, E., Ortega-Blake, I., Antillon, A., Chavez-Munguia, B., Patino-Lopez, G., Fragozo-Soriano, R. & Santos-Argumedo, L. (2016). Myo1g Is an Active Player in Maintaining Cell Stiffness in B-Lymphocytes. [Cytoskeleton](#), 73(5), 258-268.
- 19 Ku-Cauich, J. C. & Morales-Luna, G. (2016). Authentication Codes Based on Resilient Boolean Maps. [Designs Codes and Cryptography](#), 80(3), 619-633.
- 20 Acosta-Enriquez, E. B., Acosta-Enriquez, M. C., Castillo-Ortega, R., Zayas, M. A. E. & Pech-Canul, M. I. (2016). Nanostructured Fibers of a-Si3n4 Deposited by Hysy-Cvd. [Digest Journal of Nanomaterials and Biostructures](#), 11(2), 601-605.
- 21 Lievano-Reyes, R., Perez-Mendez, H. I., Solis-Oba, A., Jaramillo-Morales, O. A., Espinosa-Juarez, J. V. & Lopez-Munoz, F. J. (2016). Antinociceptive Effect of Racemic Flurbiprofen and Caffeine Co-Administration in an Arthritic Gout-Type Pain in Rats. [Drug Development Research](#), 77(4), 192-198.
- 22 Huerta, E. F., Carmona-Tellez, S., Gallardo-Hernandez, S., Cabanas-Moreno, J. G. & Falcony, C. (2016). Up and Down Conversion Photoluminescence From Er, Yb and Li Doped Y2o3 Phosphors and Composites Films With Pmma. [Ecs Journal of Solid State Science and Technology](#), 5(7), R129-R135.
- 23 Castrillon, I. D., Cruz, R. & Reyes, E. (2016). On Well-Covered, Vertex Decomposable and Cohen-Macaulay Graphs. [Electronic Journal of Combinatorics](#), 23(2), P2.39.

24 Bahamonde, N. & Galindo, A. A. G. (2016). Characterization of Human Digestion Models From Its Representations and Analysis of Its Progress in a Group of Teachers and Supporting Academic Team. [Ensenanza De Las Ciencias](#), 34(1), 129-147.

25 Hernandez-Garcia, F. A., Torres-Delgado, G., Castanedo-Perez, R. & Zelaya-Angel, O. (2016). Gaseous Benzene Degradation by Photocatalysis Using Zno+Zn₂Tio₄ Thin Films Obtained by Sol-Gel Process. [Environmental Science and Pollution Research](#), 23(13), 13191-13199.

26 Varela-Silva, M. I., Bogin, B., Sobral, J. A. G., Dickinson, F. & Monserrat-Revillo, S. (2016). Deep Data Science to Prevent and Treat Growth Faltering in Maya Children. [European Journal of Clinical Nutrition](#), 70(6), 679-680.

27 Jaramillo-Morales, O. A., Espinosa-Juarez, J. V., Garcia-Martinez, B. A. & Lopez-Munoz, F. J. (2016). Ketoprofen and antinociception in hypo-oestrogenic Wistar rats fed on a high sucrose diet. [European Journal of Pharmacology](#), 788, 168-175.

28 Chatzipanagiotou, S., Ioannidis, A., Trikka-Graphakos, E. et al. (2016). Detecting the Hidden Properties of Immunological Data and Predicting the Mortality Risks of Infectious Syndromes. [Frontiers in Immunology](#), 7, 217.

29 Herrera-Martinez, M., Hernandez-Ramirez, V., Hernandez-Carlos, B., Chavez-Munguia, B., Calderon-Oropeza, M. A. & Talamas-Rohana, P. (2016). Antiamoebic Activity of Adenophyllum Aurantium (L.) Strother and Its Effect on the Actin Cytoskeleton of Entamoeba Histolytica. [Frontiers in Pharmacology](#), 7, 169.

30 Gao, D., Zhao, D., Abernathy, B., Iwata-Otsubo, A., Herrera-Estrella, A., Jiang, N. & Jackson, S. A. (2016). Dynamics of a Novel Highly Repetitive CACTA Family in Common Bean (*Phaseolus vulgaris*). [G3-Genes Genomes Genetics](#), 6, 2091-2101.

31 Duplat-Bermudez, L., Ruiz-Medrano, R., Landsman, D., Marino-Ramirez, L. & Xoconostle-Cazares, B. (2016). Transcriptomic Analysis of *Arabidopsis* Overexpressing Flowering Locus T Driven by a Meristem-Specific Promoter That Induces Early Flowering. [Gene](#), 587(2), 120-131.

32 Hernandez-Coronado, C. G., Guzman, A., Rodriguez, A., Mondragon, J. A., Romano, M. C., Gutierrez, C. G. & Rosales-Torres, A. M. (2016). Sphingosine-1-phosphate, regulated by FSH and VEGF, stimulates granulosa cell proliferation. [General and Comparative Endocrinology](#), 236, 1-8.

33 Garcia, O. A., Perez, J. A., Luna, P. S. & Alvarado, C. (2016). Impedance Plethysmography Detection With Mobile and Concealed Devices. [Ieee Latin America Transactions](#), 14(4), 1638-1644.

34 Ramirez, A., Mondie, S., Garrido, R. & Sipahi, R. (2016). Design of Proportional-Integral-Retarded (Pir) Controllers for Second-Order Lti Systems. [Ieee Transactions on Automatic Control](#), 61(6), 1688-1693.

35 Zamora-Mendez, A., Paternina, M. R. A., Vazquez, E., Ramirez, J. M. & De Serna, J. A. L. (2016). Distance Relays Based on the Taylor-Kalman-Fourier Filter. [Ieee Transactions on Power Delivery](#), 31(3), 928-935.

36 Vargas, U. & Ramirez, A. (2016). Extended Harmonic Domain Model of a Wind Turbine Generator for Harmonic Transient Analysis. [Ieee Transactions on Power Delivery](#), 31(3), 1360-1368.

37 Ramirez, A. & Rico, J. J. (2016). Harmonic/State Model-Order Reduction of Nonlinear Networks. [Ieee Transactions on Power Delivery](#), 31(3), 1379-1387.

38 Chavez-Duenas, L., Serapio-Palacios, A., Nava-Acosta, R. & Navarro-Garcia, F. (2016). Subdomain 2 of the Autotransporter Pet Is the Ligand Site for Recognizing the Pet Receptor on the Epithelial Cell Surface. [Infection and Immunity](#), 84(7), 2012-2021.

39 Garcia-Rodriguez, R., Segovia-Palacios, V., Parra-Vega, V. & Villalva-Lucio, M. (2016). Dynamic optimal grasping of a circular object with gravity using robotic soft-fingertips. [International Journal of Applied Mathematics and Computer Science](#), 26(2), 309-323.

40 Bustos-Guajardo, R. & Moukarzel, C. F. (2016). Wealth Distribution Under Yard-Sale Exchange With Proportional Taxes. [International Journal of Modern Physics C](#), 27(8), 165009.

41 Gomez-Gomez, Y., Organista-Nava, J., Ocadiz-Delgado, R., Garcia-Villa, E., Leyva-Vazquez, M. A., Illades-Aguiar, B., Lambert, P. F., Garcia-Carranca, A. & Gariglio, P. (2016). The Expression of Mir-21 and Mir-143 Is Deregulated by the Hpv16 E7 Oncoprotein and 17 Beta-Estradiol. [International Journal of Oncology](#), 49(2), 549-558.

42 Garciduenas-Pina, C., Medina-Ramirez, I. E., Guzman, P., Rico-Martinez, R., Morales-Dominguez, J. F. & Rubio-Franchini, I. (2016). Evaluation of the Antimicrobial Activity of Nanostructured Materials of Titanium Dioxide Doped With Silver and/or Copper and Their Effects on Arabidopsis Thaliana. [International Journal of Photoenergy](#), 2016, 8060847.

43 Pan, S., Saha, R., Kumar, A., Gupta, A., Merino, G. & Chattaraj, P. K. (2016). A Noble Interaction: an Assessment of Noble Gas Binding Ability of Metal Oxides (Metal=Cu, Ag, Au). [International Journal of Quantum Chemistry](#), 116(13), 1016-1024.

44 Islas-Lugo, F., Vega-Estrada, J., Alvis, C. A., Ortega-Lopez, J. & Montes-Horcasitas, M. C. (2016). Developing strategies to increase plasmid DNA production in Escherichia coli DH5[alpha] using batch culture. [Journal of Biotechnology](#), 233, 66-73.

45 Ramirez-Neria, M., Sira-Ramirez, H., Garrido-Moctezuma, R. & Luviano-Juarez, A. (2016). On the linear control of underactuated nonlinear systems via tangent flatness and active disturbance rejection control: the case of the ball and beam system. [Journal of Dynamic Systems Measurement and Control-Transactions of the Asme](#), 138, 104501.

46 Schutze, O., Hernandez, V. A. S., Trautmann, H. & Rudolph, G. (2016). The Hypervolume Based Directed Search Method for Multi-Objective Optimization Problems. [Journal of Heuristics](#), 22(3), 273-300.

47 Adam, J., Adamovaa, D., Aggarwal, M. M. et al. (2016). Differential Studies of Inclusive J/Psi and Psi (2s) Production at Forward Rapidity in Pb-Pb Collisions at Root S(Nn)=2:76 Teve. [Journal of High Energy Physics](#), (5), 179.

48 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for heavy Majorana neutrinos in $e(+)(-)e(+)(-) + \text{jets}$ and $e(+)(-)mu(+)(-) + \text{jets}$ events in proton-proton collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (1), 169.

49 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (1), 166.

50 Martin-Avila, A., Medina-Tamayo, J., Ibarra-Sanchez, A. et al. (2016). Protein Tyrosine Kinase Fyn Regulates Tlr4-Elicited Responses on Mast Cells Controlling the Function of a Pp2a-Pkc Alpha/Beta Signaling Node Leading to Tnf Secretion. [Journal of Immunology](#), 196(12), 5075-5088.

51 Quinones-Galvan, J. G., Guillen-Cervantes, A., Campos-Gonzalez, E., Santos-Cruz, J., Mayen-Hernandez, S. A., Olvera, M. D., Zelaya-Angel, O., Contreras-Puente, G. & De Moure-Flores, F. (2016). Structural Properties of Sn-Doped Cdte Thin Films Grown by Pulsed Laser Deposition Using Powder as Target. [Journal of Laser Applications](#), 28(3), 032012.

52 De La Rosa, C. E. F., Trejo, M. H., Roman, M. C. & Lopez, E. A. (2016). Effect of Decarburization on the Residual Stresses Produced by Shot Peening in Automotive Leaf Springs. [Journal of Materials Engineering and Performance](#), 25(7), 2596-2603.

53 Khmelnitskaya, K. V., Kravchenko, V. V. & Torba, S. M. (2016). Modulated Electromagnetic Fields in Inhomogeneous Media, Hyperbolic Pseudoanalytic Functions, and Transmutations. [Journal of Mathematical Physics](#), 57(5), 051503.

54 Garrido, J., Yu, W. & Li, X. O. (2016). Modular Design and Control of an Upper Limb Exoskeleton. [Journal of Mechanical Science and Technology](#), 30(5), 2265-2271.

55 Pelayo-Vazquez, J. B., Gonzalez-Bravo, F. J., Leyva, M. A. & Rosales-Hoz, M. J. (2016). Reactivity of 1,4-Benzoquinone With Trinuclear Ruthenium and Osmium Clusters: Facile Hydrogenation of the Quinoid Fragment. [Journal of Organometallic Chemistry](#), 812, 207-216.

56 Mendivil-Reynoso, T., Berman-Mendoza, D., Acosta-Enriquez, M. C., Rojas-Blanco, L., Ramirez-Rodriguez, L. P., Ramirez-Bon, R. & Castillo, S. J. (2016). Study of Non-Ideal Effects in Zno Tft's. [Journal of Ovonic Research](#), 12(2), 103-111.

57 Bermudez, D., Fernandez, D. J. & Negro, J. (2016). Solutions to the Painleve V equation through supersymmetric quantum mechanics. [Journal of Physics a-Mathematical and Theoretical](#), 49(33), 335203.

58 Pfeiler, E., Laclette, M. R. L. & Markow, T. A. (2016). Polyphyly in Urbanus and Astraptes (Hesperiidae: Eudaminae) Assessed Using Mitochondrial Dna Barcodes, With a Reinstated Status Proposed for Achalarus. [Journal of the Lepidopterists Society](#), 70(2), 85-95.

59 Urrios, A., Parra-Cabrera, C., Bhattacharjee, N. et al. (2016). 3d-Printing of Transparent Bio-Microfluidic Devices in Peg-Da. [Lab on a Chip](#), 16(12), 2287-2294.

- 60 Martinez-Rendis, A., Gonzalez, G. A., Hernandez-Stefanoni, J. L. & Gonzalez, J. E. A. (2016). Quantifying the Reefscape Transformation of a Coastal Caribbean Coral Reef During a Phase Shift and the Associated Coastal Landscape Change. [Marine Ecology-an Evolutionary Perspective](#), 37(3), 697-710.
- 61 Rosado-Mendoza, M. & Oliva, A. I. (2016). Chemical Bath Deposition of Zinc Sulfide Films Doped With Copper. [Materials and Manufacturing Processes](#), 31(11), 1454-1460.
- 62 Diaz-Torres, E., Ortega-Lopez, M., Matsumoto, Y. & Santoyo-Salazar, J. (2016). Simple Synthesis of Pbse Nanocrystals and Their Self-Assembly Into 2d 'flakes' and 1d 'ribbons' Structures. [Materials Research Bulletin](#), 80, 96-101.
- 63 Garcia-Mena, J., Murugesan, S., Perez-Munoz, A. A. et al. (2016). Airborne Bacterial Diversity From the Low Atmosphere of Greater Mexico City. [Microbial Ecology](#), 72(1), 70-84.
- 64 Esquivel-Naranjo, E. U., Garcia-Esquivel, M., Medina-Castellanos, E., Correa-Perez, V. A., Parra-Arriaga, J. L., Landeros-Jaime, F., Cervantes-Chavez, J. A. & Herrera-Estrella, A. (2016). A Trichoderma atroviride stress-activated MAPK pathway integrates stress and light signals. [Molecular Microbiology](#), 100(5), 860-876.
- 65 Lopez-Colome, A. M., Lopez, E., Mendez-Flores, O. G. & Ortega, A. (2016). Glutamate Receptor Stimulation up-Regulates Glutamate Uptake in Human Muller Glia Cells. [Neurochemical Research](#), 41(7), 1797-1805.
- 66 Peralta-Cruz, J., Diaz-Fernandez, M., Avila-Castro, A., Ortegon-Reyna, D. & Ariza-Castolo, A. (2016). An Experimental and Theoretical Study of Intramolecular Regioselective Oxidations of 6-Substituted 2,3-Dimethylquinoxaline Derivatives. [New Journal of Chemistry](#), 40(6), 5501-5515.
- 67 Ortiz-Sanchez, E., Santiago-Lopez, L., Cruz-Dominguez, V. B., Toledo-Guzman, M. E., Hernandez-Cueto, D., Muniz-Hernandez, S., Garrido, E., Cantu-De Leon, D. & Garcia-Carranca, A. (2016). Characterization of Cervical Cancer Stem Cell-Like Cells: Phenotyping, Stemness, and Human Papilloma Virus Co-Receptor Expression. [Oncotarget](#), 7(22), 31943-31954.
- 68 Bravo-Hernandez, M., Corleto, J. A., Barragan-Iglesias, P. et al. (2016). The Alpha(5) Subunit Containing Gaba(a) Receptors Contribute to Chronic Pain. [Pain](#), 157(3), 613-626.
- 69 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Energy Estimation of Cosmic Rays With the Engineering Radio Array of the Pierre Auger Observatory. [Physical Review D](#), 93(12), 122005.
- 70 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Pair-Produced Vectorlike B Quarks in Proton-Proton Collisions at Root S=8 Tev. [Physical Review D](#), 93(11), 112009.
- 71 Aab, A., Abreu, P., Aglietta, M. et al. (2016). Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. [Physical Review Letters](#), 116(24), 241101.

- 72 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for narrow resonances in dijet final states at root S=8 TeV with the novel CMS technique of data scouting. [Physical Review Letters](#), 117(3), 031802.
- 73 Rivera-Agudelo, D. C. & Perez-Lorenzana, A. (2016). Leptonic CP phases near the [mu]-T symmetric limit. [Physics Letters B](#), 760, 153-157.
- 74 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Measurement of Spin Correlations in Tf Production Using the Matrix Element Method in the Muon Plus Jets Final State in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 758, 321-346.
- 75 Adam, J., Adamova, D., Aggarwal, M. M. et al. (2016). Multi-Strange Baryon Production in P-Pb Collisions at Root(Nn)-N-S=5.02 Tev. [Physics Letters B](#), 758, 389-401.
- 76 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for a Low-Mass Pseudoscalar Higgs Boson Produced in Association With a B(B)Over-Bar Pair in Pp Collisions at Root S=8 Tev. [Physics Letters B](#), 758, 296-320.
- 77 Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2016). Search for Supersymmetry in the Multijet and Missing Transverse Momentum Final State in Pp Collisions at 13 Tev. [Physics Letters B](#), 758, 152-180.
- 78 Villarreal-Quintanilla, J. A., Estrada-Castillon, E., Reyes-Valdes, M. H., Encina-Dominguez, J. A., Martinez, O. & Hernandez-Godinez, F. (2016). Dasylirion Micropterum (Asparagaceae), a New Species From Sierra Madre Oriental, Mexico. [Phytotaxa](#), 253(2), 139-146.
- 79 Espinoza-Moreno, R. J., Reyes-Moreno, C., Milan-Carrillo, J., Lopez-Valenzuela, J. A., Paredes-Lopez, O. & Gutierrez-Dorado, R. (2016). Healthy Ready-to-Eat Expanded Snack With High Nutritional and Antioxidant Value Produced From Whole Amarantin Transgenic Maize and Black Common Bean. [Plant Foods for Human Nutrition](#), 71(2), 218-224.
- 80 Salinas-Gamboa, R., Johnson, S. D., Sanchez-Leon, N., Koltunow, A. M. G. & Vielle-Calzada, J. P. (2016). New Observations on Gametogenic Development and Reproductive Experimental Tools to Support Seed Yield Improvement in Cowpea [Vigna Unguiculata (L.) Walp.]. [Plant Reproduction](#), 29(1-2), 165-177.
- 81 Lino, B., Chagolla, A. & De La Vara, L. E. G. (2016). Membrane Proteins Involved in Transport, Vesicle Traffic and Ca²⁺ Signaling Increase in Beetroots Grown in Saline Soils. [Planta](#), 244(1), 87-101.
- 82 Medina-Aguilar, R., Perez-Plasencia, C., Marchat, L. A. et al. (2016). Methylation Landscape of Human Breast Cancer Cells in Response to Dietary Compound Resveratrol. [Plos One](#), 11(6), e0157866.
- 83 Hernandez-Santamaria, V., De Teresa, L. & Poznyak, A. (2016). Hierarchic Control for a Coupled Parabolic System. [Portugaliae Mathematica](#), 73(2), 115-137.

84 Mendoza-Vizcaino, J., Sumper, A., Sudria-Andreu, A. & Ramirez, J. M. (2016). Renewable technologies for generation systems in islands and their application to Cozumel Island, Mexico. [Renewable and Sustainable Energy Reviews](#), 64, 348-361.

85 Ascencio, L. A., Enriquez, M., Martinez, I. & Aldana, D. (2016). Effect of temperature and salinity on the reproductive cycle of males and females of *Crassostrea virginica* (Bivalvia: Ostreidae). [Revista De Biología Tropical](#), 64(2), 449-459.

86 Rodriguez-Pena, N., Stoner, K. E., Flores-Ortiz, C. M., Ayala-Berdon, J., Munguia-Rosas, M. A., Sanchez-Cordero, V. & Schondube, J. E. (2016). Factors Affecting Nectar Sugar Composition in Chiropterophilic Plants. [Revista Mexicana De Biodiversidad](#), 87(2), 465-473.

87 Arceo-Carranza, D., Gamboa, E., Teutli-Hernandez, C., Badillo-Aleman, M. & Herrera-Silveira, J. A. (2016). Fish as an Indicator of Ecological Restoration of Mangroves on the North Coast of Yucatan. [Revista Mexicana De Biodiversidad](#), 87(2), 489-496.

88 Mariscal-Becerra, L., Carmona-Tellez, S., Vazquez-Arreguin, R., Garcia-Rosas, C. M., Falcony, C., Murrieta, H. & Sanchez-Alejo, M. A. (2016). Green Light Emission in Aluminum Oxide Powders Doped With Different Terbium Concentrations. [Revista Mexicana De Física](#), 62(4), 285-289.

89 Ponce, A. G., Madrid, A. F. C., Robles, H. V. et al. (2016). Loss of Cortactin Causes Endothelial Barrier Dysfunction Via Disturbed Adrenomedullin Secretion and Actomyosin Contractility. [Scientific Reports](#), 6, 29003.

90 Tinoco, J. C., Martinez-Lopez, A. G., Lezama, G., Mendoza-Barrera, C., Cerdeira, A. & Estrada, M. (2016). Modelling and Extraction Procedure for Gate Insulator and Fringing Gate Capacitance Components of an Mis Structure. [Semiconductor Science and Technology](#), 31(7), 075011.

91 Alvarado, J., Flores, P., Avila-Herrera, F., Gonzalez, V., Soto-Cruz, B. S. & Cerdeira, A. (2016). Verilog-a Implementation of a Double-Gate Junctionless Compact Model for Dc Circuit Simulations. [Semiconductor Science and Technology](#), 31(7), 075002.

92 Rinaldi, F., Zhang, Y., Mondragon-Gonzalez, R., Harvey, J. & Perlingeiro, R. C. R. (2016). Treatment With Rgdf11 Does Not Improve the Dystrophic Muscle Pathology of Mdx Mice. [Skeletal Muscle](#), 6, 21.

93 Medina-Montes, M. I., Baldenegro-Perez, L. A., Sanchez-Zeferino, R., Rojas-Blanco, L., Becerril-Silva, M., Quevedo-Lopez, M. A. & Ramirez-Bon, R. (2016). Effect of depth of traps in ZnO polycrystalline thin films on ZnO-TFTs performance. [Solid-State Electronics](#), 123, 119-123.

94 Galvan-Reyes, C., Fuentes-Aceituno, J. C. & Salinas-Rodriguez, A. (2016). The Role of Alkalizing Agent on the Manganese Phosphating of a High Strength Steel Part 2: the Combined Effect of Naoh and the Amino Group (Nh4oh, Mono-Ethanolamine and Nh4no3) on the Degradation Stage of the Phosphating Mechanism. [Surface & Coatings Technology](#), 299, 113-122.

95 Castellanos-Martinez, S., Aguirre-Macedo, M. L. & Furuya, H. (2016). Two New Species of Dicyemid Mesozoans (Dicyemida: Dicyemidae) From Octopus Maya Voss & Solis-Ramirez (Octopodidae) Off Yucatan, Mexico. [Systematic Parasitology](#), 93(6), 551-564.

96 Bueno, D., Mishra, R. K., Hayat, A., Catanante, G., Sharma, V., Munoz, R. & Marty, J. L. (2016). Portable and low cost fluorescence set-up for in-situ screening of Ochratoxin A. *Talanta*, 159, 395-400.

97 Bautista-Hernandez, C. I., Cordero-Rivera, R. E., Zuniga-Estrada, E. A., Trejo-Carbajal, N., Melendez-Rodriguez, M., Suarez-Castillo, O. R., Sanchez-Zavala, M., Morales-Rios, M. S. & Joseph-Nathan, P. (2016). Absolute configuration assignment of oxindole derivatives by vibrational circular dichroism exciton coupling. *Tetrahedron: Asymmetry*, 27(14-15), 623-638.

98 Flores-Ruiz, F. J., Espinoza-Beltran, F. J., Diliegros-Godines, C. J., Siqueiros, J. M. & Herrera-Gomez, A. (2016). Atomic force acoustic microscopy: Influence of the lateral contact stiffness on the elastic measurements. *Ultrasonics*, 71, 271-277.

99 Gomez-Flores, W. & Ruiz-Ortega, B. A. (2016). New Fully Automated Method for Segmentation of Breast Lesions on Ultrasound Based on Texture Analysis. *Ultrasound in Medicine and Biology*, 42(7), 1637-1650.

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

100 Navarro-Noya, Y. E., Luna-Guido, M. & Dendooven, L. (2016). Cultivable nitrogen fixing bacteria from extremely alkaline-saline soils. *Advances in Microbiology*, 6, 412-423.

101 Torres-Jimenez, J. & Izquierdo-Marquez, I. (2016). Construction of Non-Isomorphic Covering Arrays. *Discrete Mathematics Algorithms and Applications*, 8(2), 1650033.

102 Arteaga, M. C., Moreno-Letelier, A., Mastretta-Yanes, A., Vazquez-Lobo, A., Brena-Ochoa, A., Moreno-Estrada, A., Eguiarte, L. E. & Pinero, D. (2016). Genomic Variation in Recently Collected Maize Landraces From Mexico. *Genomics Data*, 7, 38-45.

103 Martinez-Araiza, U. & Lopez-Mellado, E. (2016). CtI Model Repair for Inter-Organizational Business Processes Modelled as Owfn. *Ifac Papersonline*, 49(2), 6-11.

104 Trujeque, J. R., Rivera, J. M. C., Owen, P. Q., Bartolo-Perez, P., Lopez, T. P., Gonzalez, E. C. & Perez, F. E. C. (2016). Weathering Effects of an Historic Building in San Francisco De Campeche, Mexico. *Intervencion-Revista Internacional De Conservacion Restauracion Y Museologia*, 6(13), 22-31.

105 Mares-Mares, E., Del Rincon-Castro, M. C., Ordóñez-Acevedo, L. G. & Leon-Galvan, M. F. (2016). Identificación y caracterización estructural de peptidos antihipertensivos a partir de hidrolizados proteicos de la nuez (*Carya illinoensis*): análisis en silico e in vitro. *Investigación y Desarrollo En Ciencia y Tecnología De Alimentos*, 1(2), 436-441.

106 Neria-Gonzalez, M. I., Lopez-Perez, P. A. & Aguilar-Lopez, R. (2016). Partial Control of a Continuous Bioreactor: Application to an Anaerobic System for Heavy Metal Removal. *Journal of Engineering*, 2016, 4358282.

- 107 Olivar-Romero, F. & Rosas-Ortiz, O. (2016). Factorization of the quantum fractional oscillator. *Journal of Physics Conference Series*, 698, 012025.
- 108 Zelaya, K. D. & Rosas-Ortiz, O. (2016). Optimized binomial quantum states of complex oscillators with real spectrum. *Journal of Physics Conference Series*, 698, 012026.
- 109 Ortiz, C. A., De Caralos, E. & Lopez, J. M. (2016). Paper laser: a step towards a time scale generation from an ensemble of optical clocks. *Journal of Physics Conference Series*, 723, 012062.
- 110 Hernandez-Rubio, E., Meneses-Viveros, A., Mancera-Serralde, E. & Flores-Ortiz, J. (2016). Combinations of modalities for the words learning memory test implemented on tablets for seniors. *Lecture Notes in Computer Science*, 9754, 309-319.
- 111 Maqbool, S., Ahmad, N., Muhammad, A. & Martinez-Enriquez, A. M. (2016). Simultaneous encryption and compression of digital images based on secure-JPEG encoding. *Lecture Notes in Computer Science*, 9703, 145-154.
- 112 Gomez-Lojero, C. & Gutierrez-Cirlos Madrid, E. B. (2016). Cyanobacteria, primary producers and their light harvesting antennas. *Mensaje Bioquímico*, 40, 281-304.
- 113 Olvera-Farias, R. M., Cruz-Perez, J. R., Salinas-Gutierrez, R., Guerrero-Diaz de Leon, J. A., Kouri-Flores, J. B., Rosales-Ibanez, R., Masuoka-Ito, D. & Guerrero-Barrera, A. L. (2016). Unilateral impact of altered loading by changing teeth height on the TMJ fibrocartilage: disc and condyle of wistar rats. *Microscopy Research*, 4, 20-31.
- 114 Lopez-Cuevas, J., Pech-Canul, M. I., Rendon-Angeles, J. C., Rodriguez-Galicia, J. L. & Gutierrez-Chavarria, C. A. (2016). Wollastonite - Tricalcium Phosphate Glass-Ceramics of Eutectic Composition Synthesized by the Glass-Crystallization Method. *MRS Proceedings*, 1812, imrc2015s6b-o030.
- 115 Perez-Campos, R. A., Huchim-Lara, O., Salas, S., Liceaga-Correa, M., Hernandez-Nunez, H., Pascual-Jimenez, C. & Rodriguez-Canul, R. (2016). Landscape Analysis for PaV1 Infection in Lobsters Panulirus argus from the Artisanal Fishery of the Eastern Coast of Yucatan, Mexico. *Open Journal of Marine Science*, 6, 386-394.
- 116 Lenin, V., Cervantes-Perez, S. A., Gutierrez-Alanis, D., Gonzales-Morales, S., Martinez, O. & Herrera-Estrella, L. (2016). Phosphate Starvation Induces Dna Methylation in the Vicinity of Cis-Acting Elements Known to Regulate the Expression of Phosphate-Responsive Genes. *Plant Signaling & Behavior*, 11(5), e1173300.
- 117 Jasso-Teran, R. A., Cortes-Hernandez, D. A., Sanchez-Fuentes, H. J., Reyes-Rodriguez, P. Y. & De Leon-Prado, L. E. (2016). Magnetic Nanoparticles of Zinc and Calcium for Magnetic Hyperthermia Application. *Revista Facultad De Ingenieria*, 25(42), 89-98.
- 118 Fernandez-Munoz, J. L., Zapata-Torrez, M., Marquez-Herrera, A., Sanchez-Sinencio, F., Mendoza-Alvarez, J. G., Melendez-Lira, M. & Zelaya-Angel, O. (2016). Properties of Particle Size Distribution From Milled White Nixtamalized Corn Kernels as a Function of Steeping Time. *Scientifica*, 2016, 6724047.

119 Tlelo-Cuautle, E., Sanchez-Sanchez, M., Carbajal-Gomez, V. H., Pano-Azucena, A. D., De La Fraga, L. G. & Rodriguez-Gomez, G. (2016). On the Verification for Realizing Multi-Scroll Chaotic Attractors With High Maximum Lyapunov Exponent and Entropy. [Studies in Computational Intelligence](#), 636, 311-336.

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

120 Luna-Munoz, J. & Carrillo, M. (2016). America Latina ante los retos del Alzheimer. [Avance y Perspectiva](#), 1(3), 12-13.

121 Rosas-Escamilla, R. (2016). El enigmático numero pi. [Avance y Perspectiva](#), 1(4), 48-49.

122 Ruiz-Suarez, J. C. (2016). El observador de pájaros. [Avance y Perspectiva](#), 1(4), 50-53.

123 Hernandez, F. C. & Perez-Bonilla, M. E. (2016). El vuelo del mosquito: un debate sobre mosquitos. [Avance y Perspectiva](#), 1(4), 42-43.

124 Cruz, S. L. & Lopez, C. (2016). Farmacos que producen dependencia y adicción. [Avance y Perspectiva](#), 1(3), 34-37.

125 Dominguez-Montero, L. E. (2016). La conjetura de Kepler. [Avance y Perspectiva](#), 1(3), 51-53.

126 Ludert, J. E. (2016). La peligrosa ruta del Chikungunya. [Avance y Perspectiva](#), 1(4), 36-38.

127 Hernandez-Montoya, A. R. (2016). La tecnología actual tuvo origen en la ciencia básica. [Avance y Perspectiva](#), 1(3), 38-42.

128 Rosas-Ortiz, O. (2016). Miélnik 1984. [Avance y Perspectiva](#), 1(4), 26-27.

129 Huchim-Lara, O., Salas, S., Fraga, J. & Chin, W. (2016). Protegen salud de pescadores. [Avance y Perspectiva](#), 1(3), 46-50.

130 Del Angel, R. M. (2016). Que sabemos del Zika? [Avance y Perspectiva](#), 1(4), 32-33.

131 Matos, T. (2016). Tras el mito de las ondas gravitacionales. [Avance y Perspectiva](#), 1(4), 45-47.

132 Miélnik, B. (2016). Visiones incompletas. [Avance y Perspectiva](#), 1(4), 9-13.

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

133 Garcia, J. I. E. (2016). Untitled. [Advances in Cement Research](#), 28(5), 285-286.

134 Herrera-Corral, G. (2016). Editorial. [Avance y Perspectiva](#), 1(4), 3.

135 Herrera-Corral, G. (2016). Editorial. [Avance y Perspectiva](#), 1(3), 3.

136 Muriel-Vizcaino, R., Yamazaki-Nakashimada, M., Lopez-Herrera, G., Santos-Argumedo, L. & Ramirez-Alejo, N. (2016). Hemophagocytic Lymphohistiocytosis as a Complication in Patients With Msmd. [Journal of Clinical Immunology](#), 36(5), 420-422.

137 Rosas-Ortiz, O. (2016). Quantum Fest 2015. Preface. [Journal of Physics Conference Series](#), 698, 011001.

138 Herrera-Estrella, L. & Lopez-Arredondo, D. (2016). Phosphorus: the Underrated Element for Feeding the World. [Trends in Plant Science](#), 21(6), 461-463.

139 Li, W. Q., Herrera-Estrella, L. & Tran, L. S. P. (2016). The Yin-Yang of Cytokinin Homeostasis and Drought Acclimation/Adaptation. [Trends in Plant Science](#), 21(7), 548-550.

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

140 Poblete-Naredo, I. & Albores, A. (2016). Molecular Biomarkers to Assess Health Risks Due to Environmental Contaminants Exposure. [Biomedica](#), 36(2), 309-335.

141 Diaz-Manriquez, A., Toscano, G., Barron-Zambrano, J. H. & Tello-Leal, E. (2016). A Review of Surrogate Assisted Multiobjective Evolutionary Algorithms. [Computational Intelligence and Neuroscience](#), 2016, 9420460.

142 Vilema-Enriquez, G., Arroyo, A., Grijalva, M., Amador-Zafra, R. I. & Camacho, J. (2016). Molecular and Cellular Effects of Hydrogen Peroxide on Human Lung Cancer Cells: Potential Therapeutic Implications. [Oxidative Medicine and Cellular Longevity](#), 2016, 1908164.

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