

## ARTÍCULOS DEL MES DE ABRIL DE 2017

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

1. Montes-Gomez, A. E., Vivanco-Cid, H., Bustos-Arriaga, J., Zaidi, M. B., Garcia-Machorro, J., Gutierrez-Castaneda, B. & Cedillo-Barron, L. (2017). Construct and expression of recombinant domains I/II of dengue virus- 2 and its efficacy to evaluate immune response in endemic area: Possible use in prognosis. [Acta Tropica](#), *171*, 233-238.  
Rec #: 326
2. Soria-Garcia, G., Altamirano-Gomez, G., Ortega-Cisneros, S. & Bayro-Corrochano, E. (2017). Fpga Implementation of a Geometric Voting Scheme for the Extraction of Geometric Entities From Images. [Advances in Applied Clifford Algebras](#), *27*(1), 685-705.  
Rec #: 329
3. Campos-Macias, L., Carbajal-Espinosa, O., Loukianov, A. & Bayro-Corrochano, E. (2017). Inverse Kinematics for a 6-Dof Walking Humanoid Robot Leg. [Advances in Applied Clifford Algebras](#), *27*(1), 581-597.  
Rec #: 327
4. Lopez-Gonzalez, G., Arana-Daniel, N. & Bayro-Corrochano, E. (2017). Parallel Clifford Support Vector Machines Using the Gaussian Kernel. [Advances in Applied Clifford Algebras](#), *27*(1), 647-660.  
Rec #: 328
5. Chepyshev, S. V., Lujan-Montelongo, J. A., Chao, A. & Fleming, F. F. (2017). Alkenyl Isocyanide Conjugate Additions: a Rapid Route to Gamma-Carbolines. [Angewandte Chemie-International Edition](#), *56*(15), 4310-4313.  
Rec #: 330
6. Gaona-Reyes, J. L. & Bermudez, D. (2017). The theory of optical black hole lasers. [Annals of Physics](#), *380*, 41-58.  
Rec #: 331
7. Aab, A., Abreu, P., Aglietta, M. et al. (2017). A Targeted Search for Point Sources of Eev Photons With the Pierre Auger Observatory. [Astrophysical Journal Letters](#), *837*(2), L25z.  
Rec #: 333
8. Seltmann, M. W., Rangassamy, M., Zapka, M., Hoffman, K. L. & Rodel, H. G. (2017). Timing of Maternal Nest Building and Perinatal Offspring Survival in a Group-Living Small Mammal. [Behavioral Ecology and Sociobiology](#), *71*(4), 64.  
Rec #: 334
9. Sanchez, A., Valdez-Vazquez, I., Soto, A., Sanchez, S. & Tavarez, D. (2017). Lignocellulosic n-butanol co-production in an advanced biorefinery using mixed cultures. [Biomass & Bioenergy](#), *102*, 1-12.  
Rec #: 336
10. Hernandez-Aragon, L. G., Garcia-Villamar, V., Carrasco-Ruiz, M. D., Nicolas-Toledo, L., Ortega, A., Cuevas-Romero, E., Martinez-Gomez, M. & Castelan, F. (2017). Role of Estrogens in the Size of Neuronal Somata of Paravaginal Ganglia in Ovariectomized Rabbits. [Biomed Research International](#), *2017*, 2089645.  
Rec #: 337

11. Lopez-Lopez, P., Martinez-Lopez, M. C., Boldo-Leon, M., Hernandez-Diaz, Y., Gonzalez-Castro, T. B., Tovilla-Zarate, C. A. & Luna-Arias, J. P. (2017). Detection and Differentiation of Entamoeba Histolytica and Entamoeba Dispar in Clinical Samples Through Pcr-Denaturing Gradient Gel Electrophoresis. [Brazilian Journal of Medical and Biological Research](#), 50(4), e5997.  
Rec #: 338
12. Hernandez-Estrada, Z. J., Rayas-Duarte, P. & Cardenas, J. D. F. (2017). Creep Recovery of Wet Gluten and High-Molecular-Weight Glutenin Subunit Composition: Relationship With Viscoelasticity of Dough and Breadmaking Quality of Hard Red Winter Wheat. [Cereal Chemistry](#), 94(2), 223-229.  
Rec #: 340
13. Contreras-Jimenez, B., Gaytan-Martinez, M., Morales-Sanchez, E., Figueroa-Cardenas, J. D., Pless, R., Gonzalez-Jasso, E., Mendez-Montecalvo, G. & Velazquez, G. (2017). Effects of Tempering Time, Ca(OH)(2) Concentration, and Particle Size on the Rheological Properties of Extruded Corn Flour. [Cereal Chemistry](#), 94(2), 230-236.  
Rec #: 341
14. Perez-Ceballos, R., Echeverria-Avila, S., Zaldivar-Jimenez, A., Zaldivar-Jimenez, T. & Herrera-Silveira, J. (2017). Contribution of Microtopography and Hydroperiod to the Natural Regeneration of Avicennia Germinans in a Restored Mangrove Forest. [Ciencias Marinas](#), 43(1), 55-67.  
Rec #: 342
15. Hernandez-Flores, K. G., Calderon-Garciduenas, A. L., Mellado-Sanchez, G. et al. (2017). Evaluation of the Safety and Adjuvant Effect of a Detoxified Listeriolysin O Mutant on the Humoral Response to Dengue Virus Antigens. [Clinical and Experimental Immunology](#), 188(1), 109-126.  
Rec #: 344
16. Gonzalez-Gutierrez, J., Perez-Isidoro, R., Perez-Camacho, M. I. & Ruiz-Suarez, J. C. (2017). The calorimetric properties of liposomes determine the morphology of dried droplets. [Colloids and Surfaces B-Biointerfaces](#), 155, 215-222.  
Rec #: 345
17. Coloballes, N. V. S. (2017). Tensions and Coincidences Between the Health and Industrial Sectors Over the Control of Atmospheric Contamination in Mexico (1970-1980). [Dynamis](#), 37(1), 187-+.  
Rec #: 347
18. Hayano-Kanashiro, C., De La Vega, O. M., Reyes-Valdes, M. H. et al. (2017). An Ssr-Based Approach Incorporating a Novel Algorithm for Identification of Rare Maize Genotypes Facilitates Criteria for Landrace Conservation in Mexico. [Ecology and Evolution](#), 7(6), 1680-1690.  
Rec #: 348
19. Ortega, M. A. H. & Messina, A. R. (2017). An Observability-Based Approach to Extract Spatiotemporal Patterns From Power System Koopman Mode Analysis. [Electric Power Components and Systems](#), 45(4), 355-365.  
Rec #: 349
20. Ramirez-Cano, J. A., Veleva, L., Souto, R. M. & Fernandez-Perez, B. M. (2017). SECM study of the pH distribution over Cu samples treated with 2-mercaptobenzothiazole in NaCl solution. [Electrochemistry Communications](#), 78, 60-63.  
Rec #: 350

21. Cano-Ramirez, C., Santiago-Hernandez, A., Rivera-Orduna, F. N., Pineda-Mendoza, R. M., Zuniga, G. & Hidalgo-Lara, M. E. (2017). One-Step Zymogram Method for the Simultaneous Detection of Cellulase/Xylanase Activity and Molecular Weight Estimation of the Enzyme. [Electrophoresis](#), *38*(3-4), 447-451.  
Rec #: 351
22. Juarez-Vazquez, A. L., Edirisinghe, J. N., Verduzco-Castro, E. A. et al. (2017). Evolution of substrate specificity in a retained enzyme driven by gene loss. [Elife](#), *6*, e22679.  
Rec #: 352
23. Nocedal, I., Mancera, E. & Johnson, A. D. (2017). Gene Regulatory Network Plasticity Predates a Switch in Function of a Conserved Transcription Regulator. [Elife](#), *6*, e23250.  
Rec #: 353
24. Paredes-Chi, A. A. (2017). Theory and Practice in Environmental Education: a Mexican Case Study. [Environmental Education Research](#), *23*(4), 590 .  
Rec #: 354
25. Hernandez-Mariano, J. A., Torres-Sanchez, L., Bassol-Mayagoitia, S., Escamilla-Nunez, M. C., Cebrian, M. E., Villeda-Gutierrez, E. A., Lopez-Rodriguez, G., Felix-Arellano, E. E. & Blanco-Munoz, J. (2017). Effect of exposure to p,p'-DDE during the first half of pregnancy in the maternal thyroid profile of female residents in a Mexican floriculture area. [Environmental Research](#), *156*, 597-604.  
Rec #: 355
26. Gonzalez-Gamboa, N. K., Valdes-Lozano, D. S., Barahona-Perez, L. F., Alzate-Gaviria, L. & Dominguez-Maldonado, J. A. (2017). Removal of Organic Matter and Electricity Generation of Sediments From Progreso, Yucatan, Mexico, in a Sediment Microbial Fuel Cell. [Environmental Science and Pollution Research](#), *24*(6), 5868-5876.  
Rec #: 356
27. Sanchez-Recillas, A., Arroyo-Herrera, A. L., Araujo-Leon, J. A., Nunez, E. & Andrade, R. O. (2017). Spasmolytic and Antibacterial Activity of Two Citrus Sinensis Osbeck Varieties Cultivated in Mexico. [Evidence-Based Complementary and Alternative Medicine](#), *2017*, 3960837.  
Rec #: 357
28. Mcgirr, J. A., Johnson, L. M., Kelly, W., Markow, T. A. & Bono, J. M. (2017). Reproductive Isolation Among *Drosophila Arizonae* From Geographically Isolated Regions of North America. [Evolutionary Biology](#), *44*(1), 82-90.  
Rec #: 358
29. Avila-Rodriguez, D., Solano-Agama, C., Gonzalez-Pozos, S., Mendez-Mendez, J. V., Ortiz-Plata, A., Arreola-Mendoza, L. & Mendoza-Garrido, M. E. (2017). The shift in GH3 cell shape and cell motility is dependent on MLCK and ROCK. [Experimental Cell Research](#), *354*(1), 1-17.  
Rec #: 359
30. Pena-Polo, F., Vargas, C. A., Vasquez-Gonzalez, B., Medina, A., Trujillo, L., Klapp, J. & Sigalotti, L. D. (2017). Faraday Wave Patterns on a Square Cell Network. [Experiments in Fluids](#), *58*(5), 47.  
Rec #: 360
31. Ponce-Rojas, J. C., Avendano-Monsalve, M. C., Yanez-Falcon, A. R., Jaimes-Miranda, F., Garay, E., Torres-Quiroz, F., Deluna, A. & Funes, S. (2017). Alpha Beta'-Nac Cooperates With Sam37 to Mediate Early Stages of Mitochondrial Protein Import. [Febs Journal](#), *284*(5), 814-830.  
Rec #: 361

32. De Leon-Lorenzana, A. S., Delgado-Balbuena, L., Domiguez-Mendoza, C., Navarro-Noya, Y. E., Luna-Guido, M. & Dendooven, L. (2017). Reducing Salinity by Flooding an Extremely Alkaline and Saline Soil Changes the Bacterial Community but Its Effect on the Archaeal Community Is Limited. [Frontiers in Microbiology](#), *8*, 466.  
Rec #: 362

33. Reyes-Hernandez, D., Manzano-Ramirez, A., Encinas, A., Sanchez-Cabrera, V. M., Marroquin-De Jesus, A., Garcia-Garcia, R., Orozco, G. & Olivares-Ramirez, J. M. (2017). Addition of Nitrogen to Gtaw Welding Duplex Steel 2205 and Its Effect on Fatigue Strength and Corrosion. [Fuel](#), *198*, 165-169.  
Rec #: 363

34. Rendon-Anaya, M., Montero-Vargas, J. M., Saburido-Alvarez, S. et al. (2017). Genomic History of the Origin and Domestication of Common Bean Unveils Its Closest Sister Species. [Genome Biology](#), *18*, 60.  
Rec #: 364

35. Jasso-Fuentes, H., Lopez-Barrientos, J. D. & Escobedo-Trujillo, B. A. (2017). Infinite-Horizon Non-Zero-Sum Stochastic Differential Games With Additive Structure. [Ima Journal of Mathematical Control and Information](#), *34*(1), 283-309.  
Rec #: 365

36. Loaiza, M. & Ramirez-Ortega, J. (2017). Toeplitz Operators With Homogeneous Symbols Acting on the Poly-Bergman Spaces of the Upper Half-Plane. [Integral Equations and Operator Theory](#), *87*(3), 391-410.  
Rec #: 366

37. Alcocer-Sosa, M. & Gutierrez, D. (2017). Third-Order Harmonic Expansion of the Magnetoencephalography Forward and Inverse Problems in an Ellipsoidal Brain Model. [International Journal for Numerical Methods in Biomedical Engineering](#), *33*(4), e2810.  
Rec #: 367

38. Vivaldo, I., Carrillo, J., Lopez, O., Jimenez, S., Martinez, J., Murias, D. & Lopez, J. A. (2017). Study of the Photon Down-Conversion Effect Produced by Thin Silicon-Rich Oxide Films on Silicon Solar Cells. [International Journal of Energy Research](#), *41*(3), 410-416.  
Rec #: 368

39. Ravichandran, M., Oza, G., Velumani, S., Tapia-Ramirez, J., Vera, A. & Leija, L. (2017). Design and evaluation of surface functionalized superparamagneto-plasmonic nanoparticles for cancer therapeutics. [International Journal of Pharmaceutics](#), *524*(1-2), 16-29.  
Rec #: 369

40. Gallardo-Hernandez, E. A., Lara-Hernandez, G., Nieto-Camacho, F., Dominguez-Pacheco, A., Cruz-Orea, A., Hernandez-Aguilar, C., Contreras-Gallegos, E., Torres, M. V. & Flores-Cuautle, J. J. A. (2017). Thermal and Tribological Properties of Jatropa Oil as Additive in Commercial Oil. [International Journal of Thermophysics](#), *38*(4), 54.  
Rec #: 370

41. Perez, I., Enriquez-Carrejo, J. L., Sosa, V., Gamboa-Perera, F., Farias-Mancillas, J. R., Elizalde-Galindo, J. T. & Rodriguez Rodriguez, C. I. (2017). Evidence for structural transition in crystalline tantalum pentoxide films grown by RF magnetron sputtering. [Journal of Alloys and Compounds](#), *712*, 303-310.  
Rec #: 371

42. Mariscal-Becerra, L., Vazquez-Arreguin, R., Balderas, U., Carmona-Tellez, S., Sanchez, H. M. & Falcony, C. (2017). Luminescent Characteristics of Layered Yttrium Oxide Nano-Phosphors Doped With Europium. [Journal of Applied Physics](#), *121*(12), 125111.  
Rec #: 372

43. Montano, S., Orozco, E., Correa-Basurto, J., Bello, M., Chavez-Munguia, B. & Betanzosa, A. (2017). Heterodimerization of the Entamoeba Histolytica Ehcpadh Virulence Complex Through Molecular Dynamics and Protein-Protein Docking. [Journal of Biomolecular Structure & Dynamics](#), 35(3), 486-503.  
Rec #: 373
44. Espadas-Escalante, J. J., Aviles, F. , Gonzalez-Chi, P. I. & Oliva, A. (2017). Thermal Conductivity and Flammability of Multiwall Carbon Nanotube/Polyurethane Foam Composites. [Journal of Cellular Plastics](#), 53(2), 215-230.  
Rec #: 374
45. Villada-Balbuena, M. & Carbajal-Tinoco, M. D. (2017). One-Bead Coarse-Grained Model for Rna Dynamics. [Journal of Chemical Physics](#), 146(4zz-j c), 045101.  
Rec #: 375
46. Elyukhin, V. A. (2017). Spinodal decomposition regions of InxGa1-xSbyAszN1-y-z, InxGa1-xSbyPzN1-y-z and InxGa1-xAsyPzN1-y-z alloys. [Journal of Crystal Growth](#), 470, 42-45.  
Rec #: 378
47. Zerbini, F. M., Briddon, R. W., Idris, A., Martin, D. P., Moriones, E., Navas-Castillo, J., Rivera-Bustamante, R., Roumagnac, P. & Varsani, A. (2017). Ictv Virus Taxonomy Profile: Geminiviridae. [Journal of General Virology](#), 98(2), 131-133.  
Rec #: 379
48. Aguirre-Macedo, M. L., May-Tec, A. L., Martinez-Aquino, A., Cremonte, F. & Martorelli, S. R. (2017). Diversity of Helminth Parasites in Aquatic Invertebrate Hosts in Latin America: How Much Do We Know? [Journal of Helminthology](#), 91(2), 137-149.  
Rec #: 381
49. Soler-Jimenez, L. C., Paredes-Trujillo, A. I. & Vidal-Martinez, V. M. (2017). Helminth Parasites of Finfish Commercial Aquaculture in Latin America. [Journal of Helminthology](#), 91(2 ), 110-136.  
Rec #: 380
50. Vidal-Martinez, V. M. & Wunderlich, A. C. (2017). Parasites as Bioindicators of Environmental Degradation in Latin America: a Meta-Analysis. [Journal of Helminthology](#), 91(2), 165-173.  
Rec #: 382
51. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at  $\sqrt{s}=8$  TeV and cross section ratios to 2.76 and 7 TeV. [Journal of High Energy Physics](#), (3), 156.  
Rec #: 386
52. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Measurements of Differential Production Cross Sections for a Z Boson in Association With Jets in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (4), 022 .  
Rec #: 387
53. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Search for Cp Violation in T(T)Over-Bar Production and Decay in Proton-Proton Collisions at Root S=8 Tev. [Journal of High Energy Physics](#), (3), 101.  
Rec #: 383
54. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for Dark Matter and Unparticles in Events With a Z Boson and Missing Transverse Momentum in Proton-Proton Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (3), 061.  
Rec #: 385

55. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Search for Heavy Neutrinos or Third-Generation Leptoquarks in Final States With Two Hadronically Decaying Tau Leptons and Two Jets in Proton-Proton Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (3 ), 077.  
Rec #: 384

56. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Search for Massive Resonances Decaying in to Ww,Wz or Zz Bosons in Proton-Proton Collisions at Root S=13 Tev. [Journal of High Energy Physics](#), (3), 162.  
Rec #: 388

57. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). The Cms Trigger System. [Journal of Instrumentation](#), 12, P01020.  
Rec #: 391

58. Aab, A., Abreu, P., Aglietta, M. et al. (2017). Impact of Atmospheric Effects on the Energy Reconstruction of Air Showers Observed by the Surface Detectors of the Pierre Auger Observatory. [Journal of Instrumentation](#), 12, P02006.  
Rec #: 389

59. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Jet Energy Scale and Resolution in the Cms Experiment in Pp Collisions at 8 Tev. [Journal of Instrumentation](#), 12, P02014.  
Rec #: 390

60. Rodriguez-Mazahua, L., Alor-Hernandez, G., Li, X. O., Cervantes, J. & Lopez-Chau, A. (2017). Active Rule Base Development for Dynamic Vertical Partitioning of Multimedia Databases. [Journal of Intelligent Information Systems](#), 48(2), 421-451.  
Rec #: 392

61. Martinez-Vargas, S., Martinez, A. I. , Hernandez-Beteta, E. E., Mijangos-Ricardez, O. F., Vazquez-Hipolito, V., Patino-Carachure, C., Hernandez-Flores, H. & Lopez-Luna, J. (2017). Arsenic Adsorption on Cobalt and Manganese Ferrite Nanoparticles. [Journal of Materials Science](#), 52(11), 6205-6215.  
Rec #: 394

62. Hernandez-Martinez, A. R., Torres, D., Molina, G. A., Esparza, R., Quintanilla, F., Martinez-Bustos, F. & Estevez, M. (2017). Stability Comparison Between Microencapsulated Red-Glycosidic Pigments and Commercial Fd&C Red 40 Dye for Food Coloring. [Journal of Materials Science](#), 52(9), 5014-5026.  
Rec #: 393

63. Izaguirre-Hernandez, I. Y., Mellado-Sanchez, G., Mondragon-Vasquez, K. et al. (2017). Non-Conjugated Chitosan-Based Nanoparticles to Proteic Antigens Elicit Similar Humoral Immune Responses to Those Obtained With Alum. [Journal of Nanoscience and Nanotechnology](#), 17(1), 846-852.  
Rec #: 395

64. Gonzalez-Chan, I. J., Gonzalez-Panzo, I. J. & Oliva, A. I. (2017). Synthesis of ZnS Thin Films by Chemical Bath: From Room Temperature to 90 Degrees C. [Journal of the Electrochemical Society](#), 164(2), D95-D103.  
Rec #: 398

65. Martinez-Guerra, R., Trejo-Zuniga, I. & Melendez-Vazquez, F. (2017). A dynamical controller with fault-tolerance: Real-time experiments. [Journal of the Franklin Institute](#), 354(8), 3378-3404.  
Rec #: 400

66. Cruz-Ancona, C. D. & Martinez-Guerra, R. (2017). Fractional dynamical controllers for generalized multi-synchronization of commensurate fractional order Liouvillian chaotic systems. [Journal of the Franklin Institute](#), 354(7), 3054-3096.  
Rec #: 399
67. Ponce-Garcia, N., Ramirez-Wong, B., Torres-Chavez, P. I., Figueroa-Cardenas, J. D., Serna-Saldivar, S. O., Cortez-Rocha, M. O. & Escalante-Aburto, A. (2017). Evaluation of Visco-Elastic Properties of Conditioned Wheat Kernels and Their Doughs Using a Compression Test Under Small Strain. [Journal of the Science of Food and Agriculture](#), 97(4), 1235-1243.  
Rec #: 401
68. Contreras-Gallegos, E., Dominguez-Pacheco, F. A., Hernandez-Aguilar, C., Salazar-Montoya, J. A., Ramos-Ramirez, E. G. & Cruz-Orea, A. (2017). Specific Heat of Vegetable Oils as a Function of Temperature Obtained by Adiabatic Scanning Calorimetry. [Journal of Thermal Analysis and Calorimetry](#), 128(1), 523-531.  
Rec #: 402
69. Robles, H. V., Ochoa, K. F. C., Nava, P., Olivares, A. S., Shibayama, M. & Schnoor, M. (2017). Analyzing Beneficial Effects of Nutritional Supplements on Intestinal Epithelial Barrier Functions During Experimental Colitis. [Jove-Journal of Visualized Experiments](#), (119), e55095.  
Rec #: 403
70. Samaniego-Benitez, J. E., Chavez-Urbiola, I. R., Ramirez-Aparicio, J., Perez-Robles, J. F. & Ramirez-Bon, R. (2017). Thermal transformation of plumbonacrite/Si films into microstructured Pb/Si ones. [Materials Letters](#), 198, 38-41.  
Rec #: 404
71. Herrera-Leandro, I., Moreno-Villalobos, P., Ortega-Cisneros, S., Rivera, J. & Sandoval-Ibarra, F. (2017). Implementation of Soc Based Real-Time Electromagnetic Transient Simulator. [Mathematical Problems in Engineering](#), 2017, 5274517.  
Rec #: 405
72. Bergues-Pupo, A. E., Morales-Gonzalez, M., Bergues-Cabrales, L. E., Reyes, J. B., Roca-Oria, E. J., Godina-Nava, J. J. & Placeres-Jimenez, R. (2017). 3d current density in tumors and surrounding healthy tissues generated by a system of straight electrode arrays. [Mathematics and Computers in Simulation](#), 138, 49-64.  
Rec #: 406
73. Tejeda-Dominguez, F., Huerta-Cantillo, J., Chavez-Duenas, L. & Navarro-Garcia, F. (2017). A novel mechanism for protein delivery by the type 3 secretion system for extracellularly secreted proteins. [Mbio](#), 8(2), e00184.  
Rec #: 407
74. Abreu-Lopez, D., Amaro-Villeda, A., Acosta-Gonzalez, F. A., Gonzalez-Rivera, C. & Ramirez-Argaez, M. A. (2017). Effect of the impeller design on degasification kinetics using the impeller injector technique assisted by mathematical modeling. [Metals](#), 7(4), 132.  
Rec #: 408
75. Polanco-Euan, E. N., Sanchez-Colon, G. & Gupta, V. (2017). Dibaryon Octet Strong Decay Coupling Constants Sum Rules With First -Order Su(3) Symmetry Breaking. [Modern Physics Letters a](#), 32(7), 1750041.  
Rec #: 409

76. Espadas-Alvarez, A. J., Bannon, M. J., Orozco-Barrios, C. E. et al. (2017). Regulation of human GDNF gene expression in nigral dopaminergic neurons using a new doxycycline-regulated NTS-polyplex nanoparticle system. [Nanomedicine-Nanotechnology, Biology and Medicine](#), 13(4), 1363-1375.  
Rec #: 410

77. Hall, M. R., Kocot, K. M., Baughman, K. W. et al. (2017). The Crown-of-Thorns Starfish Genome as a Guide for Biocontrol of This Coral Reef Pest. [Nature](#), 544(7649), 231-+.  
Rec #: 411

78. Sawers, R. J. H., Svane, S. F., Quan, C. et al. (2017). Phosphorus Acquisition Efficiency in Arbuscular Mycorrhizal Maize Is Correlated With the Abundance of Root-External Hyphae and the Accumulation of Transcripts Encoding Pht1 Phosphate Transporters. [New Phytologist](#), 214(2), 632-643.  
Rec #: 412

79. Torres-Jimenez, J., Avila-George, H. & Izquierdo-Marquez, I. (2017). A Two-Stage Algorithm for Combinatorial Testing. [Optimization Letters](#), 11(3), 457-469.  
Rec #: 413

80. Pena-Mondragon, J. L., Castillo, A., Hoogesteijn, A. & Martinez-Meyer, E. (2017). Livestock Predation by Jaguars Panthera Onca in South-Eastern Mexico: the Role of Local Peoples' Practices. [Oryx](#), 51(2), 254-262.  
Rec #: 414

81. Ibarra-Cerdena, C. N., Valiente-Banuet, L., Sanchez-Cordero, V., Stephens, C. R. & Ramsey, J. M. (2017). Trypanosoma cruzi reservoir-triatomine vector co-occurrence networks reveal meta-community effects by synanthropic mammals on geographic dispersal. [PeerJ](#), 5, e3152.  
Rec #: 415

82. Camargo-Martinez, J. A., Martinez-Pieschacon, D. J. & Baquero, R. (2017). Structural and electronic properties of Pb-doped Bi2Sr2Ca2Cu3O10: Comparison of LDA and GGA calculations. [Physica C-Superconductivity and Its Applications](#), 535, 34-39.  
Rec #: 416

83. Kakazey, M., Vlasova, M., Gomez-Vidales, V., Angeles-Pascual, A. & Basiuk, V. A. (2017). Formation of Carbon Nanodots With Different Spin States in Mechanically Processed Mixtures of ZnO With Carbon Nanoparticles: an Electron Paramagnetic Resonance Study. [Physical Chemistry Chemical Physics](#), 19(5), 3670-3678.  
Rec #: 417

84. Saha, R., Pan, S., Frenking, G., Chattaraj, P. K. & Merino, G. (2017). The Strongest Co Binding and the Highest C-O Stretching Frequency. [Physical Chemistry Chemical Physics](#), 19(3), 2295-2302.  
Rec #: 418

85. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Measurements of Differential Cross Sections for Associated Production of a W Boson and Jets in Proton-Proton Collisions at Root S=8 TeV. [Physical Review D](#), 95(5), 052002.  
Rec #: 419

86. Guevara, A., Lopez-Castro, G. & Roig, P. (2017). Tau(-) -> Eta((1))Pi(-)-V(Tau)Gamma Decays as Background in the Search for Second Class Currents. [Physical Review D](#), 95(5), 054015.  
Rec #: 420



87. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Observation of Charge-Dependent Azimuthal Correlations in P-Pb Collisions and Its Implication for the Search for the Chiral Magnetic Effect. [Physical Review Letters](#), *118*(12), 122301.  
Rec #: 421
88. Adam, J., Adamova, D., Aggarwal, M. M. et al. (2017). J/Psi Suppression at Forward Rapidity in Pb-Pb Collisions at Root S(Nn)=5.02 Tev. [Physics Letters B](#), *766*, 212-224.  
Rec #: 423
89. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Search for High-Mass Diphoton Resonances in Proton-Proton Collisions at 13 Tev and Combination With 8 Tev Search. [Physics Letters B](#), *767*, 147-170.  
Rec #: 422
90. Fenzi, M., Jarvis, D. I., Reyes, L. M. A., Moreno, L. L. & Tuxill, J. (2017). Longitudinal Analysis of Maize Diversity in Yucatan, Mexico: Influence of Agro-Ecological Factors on Landraces Conservation and Modern Variety Introduction. [Plant Genetic Resources-Characterization and Utilization](#), *15*(1), 51-63 .  
Rec #: 424
91. Reyes-Olalde, J. I., Zuniga-Mayo, V. M., Serwatowska, J. et al. (2017). The bHLH transcription factor Spatula enables cytokinin signaling and both activate auxin biosynthesis and transport genes at the medial domain of the gynoeceium. [Plos Genetics](#), *13*(4), e1006726.  
Rec #: 425
92. Resendiz-Cardiel, G., Arroyo, R. & Ortega-Lopez, J. (2017). Expression of the enzymatically active legumain-like cysteine proteinase TvLEGU-1 of Trichomonas vaginalis in Pichia pastoris. [Protein Expression and Purification](#), *134*, 104-113.  
Rec #: 426
93. Di Cerbo, A., Morales-Medina, J. C., Palmieri, B., Pezzuto, F., Cocco, R., Flores, G. & Iannitti, T. (2017). Functional foods in pet nutrition: Focus on dogs and cats. [Research in Veterinary Science](#), *112*, 161-166.  
Rec #: 427
94. De Anda-Montanez, J. A., Salas, S. & Galindo-Cortes, G. (2017). Dealing With Dynamics and Uncertainty of Small Pelagic Fisheries: Bioeconomic Analysis of Manager's Responses to Alternative Management Strategies. [Revista De Biologia Marina Y Oceanografia](#), *52*(1), 51-65.  
Rec #: 428
95. De La Guardia, E., Rojas, D. C., Espinosa, L., Hernandez, Z., Garcia, L. & Gonzalez, J. E. A. (2017). Distribution and Abundance of the Lionfish Pterois Volitans (Scorpaeniformes: Scorpaenidae) and Associated Native Species in Parque Marino Cayos De San Felipe, Cuba. [Revista De Biologia Tropical](#), *65*(1), 117-125.  
Rec #: 429
96. Quinones, V. E. N., Torres-Villegas, J. R., Brule, T., Montero-Munoz, J. L. & Valdez-Montiel, U. F. (2017). Oocyte Distribution Within and Between Ovary Lobes Is Largely Homogeneous in Lachnolaimus Maximus (Perciformes: Labridae). [Revista De Biologia Tropical](#), *65*(1), 293-303.  
Rec #: 430
97. Lopez-Alcocer, J. J., Lepiz-Ildefonso, R., Gonzalez-Eguiarte, D. R., Rodriguez-Macias, R., Lopez-Alcocer, E. & Olalde-Portugal, V. (2017). Morphological and Biochemical Characterization of Rhizobium Strains Collected From Wild and Domesticated Common Bean. [Revista Fitotecnica Mexicana](#), *40*(1), 73-81.  
Rec #: 431

98. Polaino, S., Villalobos-Escobedo, J. M., Shakya, V. P. S. et al. (2017). A Ras Gtpase Associated Protein Is Involved in the Phototropic and Circadian Photobiology Responses in Fungi. [Scientific Reports](#), *7*, 44790.  
Rec #: 432
99. Mimila-Arroyo, J. & Herrera-Bernal, M. G. (2017). Extension of Shockley's Transmission Line Method (Tlm) to Characterize Ohmic Contacts. [Semiconductor Science and Technology](#), *32*(5), 055001.  
Rec #: 433
100. Sanchez, J. G., Balderrama, V. S., Estrada, M., Osorio, E., Ferre-Borrull, J., Marsal, L. F. & Pallares, J. (2017). Stability study of high efficiency polymer solar cells using TiOx as electron transport layer. [Solar Energy](#), *150*, 147-155.  
Rec #: 434
101. Santoshkumar, B., Biswas, A., Kalyanaraman, S., Thangavel, R., Udayabhanu, G., Annadurai, G. & Velumani, S. (2017). Influence of defect luminescence and structural modification on the electrical properties of Magnesium Doped Zinc Oxide Nanorods. [Superlattices and Microstructures](#), *106*, 58-66.  
Rec #: 435
102. Sanchez, M. B., Huerta-Ruelas, J. A., Cabrera-German, D. & Herrera-Gomez, A. (2017). Composition Assessment of Ferric Oxide by Accurate Peak Fitting of the Fe 2p Photoemission Spectrum. [Surface and Interface Analysis](#), *49*(4), 253-260.  
Rec #: 437
103. Wilson, T. A., Barlow, A. J., Foster, M. L., Sanchez, M. B., Portoles, J. F., Sano, N., Cumpson, P. J. & Fletcher, I. W. (2017). In Situ Ion Beam Sputter Deposition and X-Ray Photoelectron Spectroscopy (Xps) of Multiple Thin Layers Under Computer Control for Combinatorial Materials Synthesis. [Surface and Interface Analysis](#), *49*(1), 18-24.  
Rec #: 438
104. Kudriavtsev, Y., Hernandez, A., Asomoza, R., Gallardo, S., Lopez, M. & Moiseev, K. (2017). Sims Depth Profiling of 'frozen' Samples: in Search of Ultimate Depth Resolution Regime. [Surface and Interface Analysis](#), *49*(2), 145-148.  
Rec #: 436
105. Silva, L., Escalante, E., Valdes-Lozano, D., Hernandez, M. & Gasca-Leyva, E. (2017). Evaluation of a semi-intensive aquaponics system, with and without bacterial biofilter in a tropical location. [Sustainability](#), *9*(4), 592.  
Rec #: 439
106. Vidal, B., Vazquez-Roque, R. A., Gnecco, D., Enriquez, R. G., Floran, B., Diaz, A. & Flores, G. (2017). Curcuma Treatment Prevents Cognitive Deficit and Alteration of Neuronal Morphology in the Limbic System of Aging Rats. [Synapse](#), *71* (3), e21952.  
Rec #: 440
107. Huchim-Lara, O., Chin, W., Salas, S., Rivera-Canul, N., Cordero-Romero, S., Tec, J., Joo, E. & Mendez-Dominguez, N. (2017). Decompression Sickness Among Diving Fishermen in Mexico: Observational Retrospective Analysis of Dcs in Three Sea Cucumber Fishing Seasons. [Undersea and Hyperbaric Medicine](#), *44*(2), 149-156.  
Rec #: 441
108. Avila-Garcia, A., Arizabalo-Salas, R. D. & Andraca-Adame, J. A. (2017). Mono-fractal analysis of CuXO films: Texture and phase distribution. [Vacuum](#), *141*, 249-253.  
Rec #: 442

109. Dominguez-Catzin, V., Reveles-Espinoza, A. M., Sanchez-Ramos, J., Cruz-Cadena, R., Lemus-Hernandez, D. & Garrido, E. (2017). Hpv16-E2 Protein Modifies Self-Renewal and Differentiation Rate in Progenitor Cells of Human Immortalized Keratinocytes. [Virology Journal](#), 14(1), 65.  
Rec #: 443
110. Falcon, V., Acosta-Rivero, N., Gonzalez, S. et al. (2017). Ultrastructural and Biochemical Basis for Hepatitis C Virus Morphogenesis. [Virus Genes](#), 53(2), 151-164.  
Rec #: 444

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

111. Garza-Saldana, J. J., Varela-Fuentes, S. & Gomez-Flores, W. (2017). Methods for Presumptive Detection of Huanglongbing (HLB) in Citrus. [CienciaUat](#), 11(2), 93-104.  
Rec #: 343
112. Lopez, M. G. & Benkeblia, N. (2017). Profiling of Short Chain Fructooligosaccharides (Scfos) of Two Ackee (*Bhigia Sapida* Koenig) Varieties Through Different Maturation and Ripening Stages. [Current Nutrition & Food Science](#), 13(1), 37-42.  
Rec #: 346
113. Becerril-Silva, M., Portillo-Moreno, O., Lozada-Morales, R., Fernandez-Munoz, J. L. & Zelaya-Angel, O. (2017). Cds:in Thin Films Grown by Chemical Bath. [Journal of Non-Oxide Glasses](#), 9(1), 1-7.  
Rec #: 396

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

114. Morales-Herrera, R., Fernandez-Caballero, A., Somolinos, J. A. & Sira-Ramirez, H. (2017). Integration of Sensors in Control and Automation Systems. [Journal of Sensors](#), 2017, 6415876.  
Rec #: 397

**[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS**

115. Lopez-Carrillo, L., Gamboa-Loira, B. & Cebrian, M. E. (2017). Urinary Arsenic Metabolites and Risk of Breast Cancer Molecular Subtypes in Northern Mexican Women. [Cancer Research](#), 77, P5-08-11.  
Rec #: 339

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

116. Campos-Pena, V., Toral-Rios, D., Becerril-Perez, F., Sanchez-Torres, C., Delgado-Namorado, Y., Torres-Ossorio, E., Franco-Bocanegra, D. & Carvajal, K. (2017). Metabolic Syndrome as a Risk Factor for Alzheimer's Disease: Is a Beta a Crucial Factor in Both Pathologies? [Antioxidants & Redox Signaling](#), 26(10), 542-+.  
Rec #: 332

117. Meneses, A. (2017). Neural Activity, Memory, and Dementias: Serotonergic Markers. [Behavioural Pharmacology](#), 28(2-3), 132-141.  
Rec #: 335
118. Escamilla-Alvarado, C., Perez-Pimienta, J. A., Ponce-Noyola, T. & Poggi-Varaldo, H. M. (2017). An Overview of the Enzyme Potential in Bioenergy-Producing Biorefineries. [Journal of Chemical Technology and Biotechnology](#), 92(5), 906-924.  
Rec #: 376
119. Romero-Cedillo, L., Poggi-Varaldo, H. M., Ponce-Noyola, T., Rios-Leal, E., Ramos-Valdivia, A. C., Rojas, C. M. C. & Tapia-Ramirez, J. (2017). A Review of the Potential of Pretreated Solids to Improve Gas Biofuels Production in the Context of an Ofmsw Biorefinery. [Journal of Chemical Technology and Biotechnology](#), 92(5), 937-958.  
Rec #: 377

Última actualización: Abril 04, 2017. 01:00 p.m.