

## ARTÍCULOS DEL MES DE JUNIO DE 2017

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

1. Rodriguez, F., Sanchez, A. & Parra, C. (2017). Role of Steam Explosion on Enzymatic Digestibility, Xylan Extraction, and Lignin Release of Lignocellulosic Biomass. [Acs Sustainable Chemistry & Engineering](#), *5*(6), 5234-5240.  
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2. Jimenez-Valdes, R. J., Rodriguez-Moncayo, R., Cedillo-Alcantar, D. F. & Garcia-Cordero, J. L. (2017). Massive Parallel Analysis of Single Cells in an Integrated Microfluidic Platform. [Analytical Chemistry](#), *89*(10), 5210-5220.  
Rec #: 595
3. Valenzuela, E. I., Prieto-Davo, A., Lopez-Lozano, N. E., Hernandez-Eligio, A., Vega-Alvarado, L., Juarez, K., Garcia-Gonzalez, A. S., Lopez, M. G. & Cervantes, F. J. (2017). Anaerobic Methane Oxidation Driven by Microbial Reduction of Natural Organic Matter in a Tropical Wetland. [Applied and Environmental Microbiology](#), *83*(11), e00645-17.  
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4. Gabbasov, R., Sigalotti, L. D., Cruz, F., Klapp, J. & Ramirez-Velasquez, J. M. (2017). Consistent Sph Simulations of Protostellar Collapse and Fragmentation. [Astrophysical Journal](#), *835*(2), 287.  
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5. Abeysekara, A. U., Albert, A., Alfaro, R. et al. (2017). Daily Monitoring of Tev Gamma-Ray Emission From Mrk 421, Mrk 501, and the Crab Nebula With Hawc. [Astrophysical Journal](#), *841*(2), 100.  
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6. Maldonado-Rodriguez, A., Rojas-Montes, O., Vazquez-Rosales, G. et al. (2017). Serum Dried Samples to Detect Dengue Antibodies: a Field Study. [Biomed Research International](#), *2017*, 7215259.  
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7. Aviles-Rosas, V. H., Rivera-Mancilla, E., Marichal-Cancino, B. A., Manrique-Maldonado, G., Altamirano-Espinoza, A. H., Van Den Brink, A. M. & Villalon, C. M. (2017). Olcegepant Blocks Neurogenic and Non-Neurogenic Cgrpergic Vasodepressor Responses and Facilitates Noradrenergic Vasopressor Responses in Pithed Rats. [British Journal of Pharmacology](#), *174*(13), 2001-2014.  
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8. Carvalho, C., Neumann, V. G. L. & Lopez, H. H. (2017). Projective Nested Cartesian Codes. [Bulletin of the Brazilian Mathematical Society](#), *48*(2), 283-302.  
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9. Dante, R. C., Chamorro-Posada, P., Vazquez-Cabo, J. et al. (2017). Nitrogen-carbon graphite-like semiconductor synthesized from uric acid. [Carbon](#), *121*, 368-379.  
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10. Leon-Aparicio, D., Chavez-Reyes, J. & Guerrero-Hernandez, A. (2017). Activation of endoplasmic reticulum calcium leak by 2-APB depends on the luminal calcium concentration. [Cell Calcium](#), *65*, 80-90.  
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11. Leon-Aparicio, D., Pacheco, J., Chavez-Reyes, J., Galindo, J. M., Valdes, J., Vaca, L. & Guerrero-Hernandez, A. (2017). Orai3 channel is the 2-APB-induced endoplasmic reticulum calcium leak. [Cell Calcium](#), *65*, 91-101.  
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12. Hernandez-Rodriguez, P. & Lopez-Honorato, E. (2017). Polymer derived SiC environmental barrier coatings with superwetting properties. [Ceramics International](#), *43*(14), 11289-11295.  
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13. Gonzalez-Amaro, R. M., Figueroa-Cardenas, J. D. D., Perales, H. & Veles-Medina, J. J. (2017). Physicochemical and Nutritional Properties of Different Maize Races on Toasted Tortillas. [Cereal Chemistry](#), *94*(3), 451-457.  
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14. Pan, S., Saha, R., Osorio, E., Chattaraj, P. K., Frenking, G. & Merino, G. (2017). Ligand-Supported E-3 Clusters (E = Si-Sn). [Chemistry-a European Journal](#), *23*(31), 7463-7473.  
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15. Santibanez-Lopez, C. E. & Gonzalez-Santillan, E. (2017). A New Species of Diplocentrus (Scorpiones: Diplocentridae) With Punctate Pedipalp Surfaces, a Diagnostic Character Within the "Mexicanus" Group. [Comptes Rendus Biologies](#), *340*(5), 279-286.  
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16. Gutierrez-Alanis, D., Yong-Villalobos, L., Jimenez-Sandoval, P., Alatorre-Cobos, F., Oropeza-Aburto, A., Mora-Macias, J., Sanchez-Rodriguez, F., Cruz-Ramirez, A. & Herrera-Estrella, L. (2017). Phosphate Starvation-Dependent Iron Mobilization Induces Cle14 Expression to Trigger Root Meristem Differentiation Through Clv2/Pepr2 Signaling. [Developmental Cell](#), *41*(5), 555-+.  
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17. Fabila-Monroy, R. & Huemer, C. (2017). Carathodory's Theorem in Depth. [Discrete & Computational Geometry](#), *58*(1), 51-66.  
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18. Kalinin, N. (2017). Tropical Approach to Nagata's Conjecture in Positive Characteristic. [Discrete & Computational Geometry](#), *58*(1), 158-179.  
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19. Ortega-Moody, J. A., Sanchez-Alonso, R. E., Grise, W. R., Garcia-Malacara, J. L., Vidana-Morales, R. & Reyes-Morales, G. (2017). Virtual Laboratory of Industrial Scenarios for Training in the Areas of Automation and Control. [Dyna](#), *92*(3), 285-287.  
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20. Ramirez-Delgado, V., Mendez-Albores, A., Galano, A. & Gonzalez, F. J. (2017). The spontaneous decarboxylation of strong carboxylic acid - carboxylate mixtures and the use of carbon surfaces to trap the released free radicals. [Electrochimica Acta](#), *245*, 472-481.  
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21. Gaiti, F., Jindrich, K., Fernandez-Valverde, S. L., Roper, K. E., Degnan, B. M. & Tanurdzic, M. (2017). Landscape of Histone Modifications in a Sponge Reveals the Origin of Animal Cis-Regulatory Complexity. [Elife](#), *6*, e22194.  
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22. Acharya, S., Adamova, D., Aggarwal, M. M. et al. (2017). Energy Dependence of Forward-Rapidity J/Psi and Psi (2s) Production in Pp Collisions at the Lhc. [European Physical Journal C](#), *77*(6), 392.  
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23. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Measurement of Prompt and Nonprompt J/Psi Production in Pp and Ppb Collisions at Root S(Nn)=5.02 Tev. [European Physical Journal C, 77\(4\)](#), 269.  
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24. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Measurement of the Top Quark Mass Using Single Top Quark Events in Proton-Proton Collisions at Root S=8 Tev. [European Physical Journal C, 77\(5\)](#), 354 .  
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25. Adamova, D., Aggarwal, M. M., Rinella, G. A. et al. (2017). Production of Sigma(1385)(+/-) and Xi(1530)(0) in P-Pb Collisions at Root S(Nn)=5.02 Tev. [European Physical Journal C, 77\(6\)](#), 389.  
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26. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). A Search for New Phenomena in Pp Collisions at Root S=13tev in Final States With Missing Transverse Momentum and at Least One Jet Using the Alpha(T) Variable. [European Physical Journal C, 77\(5\)](#), 294.  
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27. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Searches for Pair Production of Third-Generation Squarks in Root S=13 Tev Pp Collisions. [European Physical Journal C, 77\(5\)](#), 327.  
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28. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Suppression and Azimuthal Anisotropy of Prompt and Nonprompt J/Psi Production in Ppb Collisions at Root S-Nn=2.76 Tev. [European Physical Journal C, 77\(4\)](#), 252.  
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29. Martinez-Alvarez, J. A., Perez-Garcia, L. A., Mellado-Mojica, E., Lopez, M. G., Martinez-Duncker, I., Lopes-Bezerra, L. M. & Mora-Montes, H. M. (2017). Sporothrix Schenckii Sensu Stricto and Sporothrix Brasiliensis Are Differentially Recognized by Human Peripheral Blood Mononuclear Cells. [Frontiers in Microbiology, 8](#), 843.  
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30. Xoca-Orozco, L. A., Cuellar-Torres, E. A., Gonzalez-Morales, S., Gutierrez-Martinez, P., Lopez-Garcia, U., Herrera-Estrella, L., Vega-Arreguin, J. & Chacon-Lopez, A. (2017). Transcriptomic Analysis of Avocado Hass (Persea Americana Mill) in the Interaction System Fruit-Chitosan-Colletotrichum. [Frontiers in Plant Science, 8](#), 956.  
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31. Pelagio-Flores, R., Esparza-Reynoso, S., Garnica-Vergara, A., Lopez-Bucio, J. & Herrera-Estrella, A. (2017). Trichoderma-Induced Acidification Is an Early Trigger for Changes in Arabidopsis Root Growth and Determines Fungal Phytostimulation. [Frontiers in Plant Science, 8](#), 822.  
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33. Azcorra, H., Vazquez-Vazquez, A., Mendez, N., Salazar-Rendon, J. C., Munguia-Rosas, M. A. & Banik, S. D. (2017). Birth Seasonality in Yucatan, Mexico. [Human Ecology, 45\(3\)](#), 409-415.  
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34. Moo-Aldana, R. D., Munguia-Rosas, M. A., Serralta, L. P., Castillo-Burguete, M. T., Vega-Frutis, R. & Martinez-Nataren, D. (2017). Can the Introduction of Modern Crop Varieties in Their Centre of Origin Affect Local Ecological Knowledge? A Case Study of Papaya in the Yucatan Peninsula. [Human Ecology](#), *45*(3), 367-375.  
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35. Chatterjee, S., Menezes, A. & Rodriguez-Henriquez, F. (2017). On Instantiating Pairing-Based Protocols With Elliptic Curves of Embedding Degree One. [Ieee Transactions on Computers](#), *66*(6), 1061-1070.  
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36. Solis, C. U., Clempner, J. B. & Poznyak, A. S. (2017). Fast Terminal Sliding-Mode Control With an Integral Filter Applied to a Van Der Pol Oscillator. [Ieee Transactions on Industrial Electronics](#), *64*(7), 5622-5628.  
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37. Aguilar-Ibanez, C., Acosta, J. A., Martinez-Garcia, J. C. & Garcia-Canseco, E. (2017). Adaptive Output-Feedback Stabilisation of an Uncertain Second-Order Linear Systems. [International Journal of Adaptive Control and Signal Processing](#), *31*(5), 823-832.  
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38. Carreon, A., Baltazar, A. & Treesatayapun, C. (2017). Development of a Model-Free Force Controller for Soft Contact of an Ultrasonic Test Probe. [International Journal of Advanced Manufacturing Technology](#), *90*(9-12), 2839-2847.  
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39. Santiaguillo-Salinas, J. & Aranda-Bricaire, E. (2017). Containment Problem With Time-Varying Formation and Collision Avoidance for Multiagent Systems. [International Journal of Advanced Robotic Systems](#), *14*(3), 1-13.  
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40. Sanchez, E. N., Rodriguez-Castellanos, D. I., Chen, G. R. & Ruiz-Cruz, R. (2017). Pinning Control of Complex Network Synchronization: a Recurrent Neural Network Approach. [International Journal of Control Automation and Systems](#), *15*(3), 1405-1413.  
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41. Thiagarajan, V., Manoharan, R., Karthikeyan, P., Nikhila, E., Hernandez-Ramirez, A. & Rodriguez-Varela, F. J. (2017). Pt Nanoparticles Supported on Nitio3/C as Electrocatalyst Towards High Performance Methanol Oxidation Reaction. [International Journal of Hydrogen Energy](#), *42*(15), 9795-9805.  
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42. Dominguez-Pacheco, A., Hernandez-Aguilar, C. & Cruz-Orea, A. (2017). Photoacoustic Determination of Non-Radiative Relaxation Time of Absorbing Centers in Maize Seeds. [International Journal of Thermophysics](#), *38*(7), 111 .  
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43. Morales-Luna, M., Tomas, S. A., Arvizu, M. A., Perez-Gonzalez, M. & Campos-Gonzalez, E. (2017). The evolution of the Mo5+ oxidation state in the thermochromic effect of MoO3 thin films deposited by rf magnetron sputtering. [Journal of Alloys and Compounds](#), *722*, 938-945.  
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48. Acosta-Rubi, S., Campocosio, A. T., Montes-Horcasitas, M. D., Quintanar-Vera, L., Esparza-Garcia, F. & Rodriguez-Vazquez, R. (2017). Production of a Halotolerant Biofilm From Green Coffee Beans Immobilized on Loofah Fiber (*Luffa Cylindrica*) and Its Effect on Phenanthrene Degradation in Seawater. [Journal of Environmental Science and Health Part a-Toxic/Hazardous Substances & Environmental Engineering](#), 52(7), 632-640.  
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53. Rodriguez-Betancourt, V. M., Bonilla, H. G., Martinez, M. F., Bonilla, A. G., Lazaro, J. P. M., Bonilla, J. T. G., Gonzalez, M. A. & Amador, M. D. O. (2017). Gas Sensing Properties of Nisb2o6 Micro- and Nanoparticles in Propane and Carbon Monoxide Atmospheres. [Journal of Nanomaterials](#), 2017, 8792567.  
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60. Lopez-Gonzalez, B., Jimenez-Valdes, R. J., Moreno-Zuria, A., Cuevas-Muniz, F. M., Ledesma-Garcia, J., Garcia-Cordero, J. L. & Arriaga, L. G. (2017). Waste-to-energy conversion from a microfluidic device. [Journal of Power Sources](#), 360, 80-86.  
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65. Mon-Perez, E., Dutt, A., Santoyo-Salazar, J., Sanchez, M. & Santana, G. (2017). Double stack layer structure of SiNx/pm-Si thin films for downshifting and antireflection properties. [Materials Letters](#), 203, 50-53.  
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82. Courtoy, A. & Miramontes, A. S. (2017). Quark Orbital Angular Momentum in the Mit Bag Model. [Physical Review D](#), 95(1), 014027.  
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83. Kim, C. S., Lopez-Castro, G., Tostado, S. L. & Vicente, A. (2017). Remarks on the Standard Model Predictions for R(D) and R(D\*). [Physical Review D](#), 95(1), 013003.  
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