

ARTÍCULOS DEL MES DE MAYO DE 2017

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

1. Lara-Romero, J., Ocampo-Macias, T., Martinez-Suarez, R., Rangel-Segura, R., Lopez-Tinoco, J., Paraguay-Delgado, F., Alonso-Nunez, G., Jimenez-Sandoval, S. & Chinas-Castillo, F. (2017). Parametric Study of the Synthesis of Carbon Nanotubes by Spray Pyrolysis of a Biorenewable Feedstock: Alpha-Pinene. [Acs Sustainable Chemistry & Engineering](#), *5*(5), 3890-3896.
Rec #: 446
2. Vazquez-Mendoza, E., Rodriguez-Torres, E. E., Lopez-Garcia, K., Hinojosa-Rodriguez, C. X. & Jimenez-Estrada, I. (2017). Differential effect of chronic undernutrition on the fiber type composition of fascicles in the extensor digitorum longus muscles of the rat. [Acta Histochemica](#), *119*(4), 364-371.
Rec #: 447
3. Gutierrez-Gutierrez, F., Palomo-Ligas, L., Hernandez-Hernandez, J. M. et al. (2017). Curcumin alters the cytoskeleton and microtubule organization on trophozoites of Giardia lamblia. [Acta Tropica](#), *172*, 113-121.
Rec #: 448
4. Bartolo-Aguilar, Y., Dendooven, L., Chavez-Cabrera, C., Flores-Cotera, L. B., Hidalgo-Lara, M. E., Marsch, R. & Villa-Tanaca, L. (2017). Autolysis of Pichia pastoris induced by cold. [AMB Express](#), *7*(1), 95.
Rec #: 449
5. Gomez-Acata, S., Esquivel-Rios, I., Perez-Sandoval, M. V., Navarro-Noya, Y., Rojas-Valdez, A., Thalasso, F., Luna-Guido, M. & Dendooven, L. (2017). Bacterial Community Structure Within an Activated Sludge Reactor Added With Phenolic Compounds. [Applied Microbiology and Biotechnology](#), *101*(8), 3405-3414.
Rec #: 450
6. Rios-Franquez, F. J., Gonzalez-Bautista, E., Ponce-Noyola, T., Ramos-Valdivia, A. C., Poggi-Valardo, H. M., Garcia-Mena, J. & Martinez, A. (2017). Expression of a Codon-Optimized Beta-Glucosidase From Cellulomonas Flavigena Pr-22 in Saccharomyces Cerevisiae for Bioethanol Production From Cellobiose. [Archives of Microbiology](#), *199*(4), 605-611.
Rec #: 451
7. Varsani, A., Roumagnac, P., Fuchs, M. et al. (2017). Capulavirus and Grablovirus: two new genera in the family Geminiviridae. [Archives of Virology](#), *162*(6), 1819-1831.
Rec #: 452
8. Hernandez-Leon, A., Gonzalez-Trujano, M. E. & Fernandez-Guasti, A. (2017). The anxiolytic-like effect of rutin in rats involves GABAA receptors in the basolateral amygdala. [Behavioural Pharmacology](#), *28*(4), 303-312.
Rec #: 453
9. Garcia, N. A. C., Campos, J. E., Musi, J. L. T., Forsman, Z. H., Munoz, J. L. M., Reyes, A. M. & Gonzalez, J. E. A. (2017). Comparative Molecular and Morphological Variation Analysis of Siderastrea (Anthozoa, Scleractinia) Reveals the Presence of Siderastrea Stellata in the Gulf of Mexico. [Biological Bulletin](#), *232*(1), 58-70.
Rec #: 454
10. Alvarado-Gutierrez, M. L., Ruiz-Ordaz, N., Galindez-Mayer, J., Santoyo-Tepole, F., Curiel-Quesada, E., Garcia-Mena, J. & Ahuatzli-Chacon, D. (2017). Kinetics of Carbendazim Degradation in a Horizontal Tubular Biofilm Reactor. [Bioprocess and Biosystems Engineering](#), *40*(4), 519-528.
Rec #: 456

11. Ascencio, D., Ochoa, S., DeLuna, A. & Delaye, L. (2017). Increased rates of protein evolution and asymmetric deceleration after the whole-genome duplication in yeasts. [BMC Evolutionary Biology](#), *17*(1), 40.
Rec #: 459
12. Valadez-Cano, C., Olivares-Hernandez, R., Resendis-Antonio, O., Deluna, A. & Delaye, L. (2017). Natural Selection Drove Metabolic Specialization of the Chromatophore in Paulinella Chromatophora. [Bmc Evolutionary Biology](#), *17*, 99.
Rec #: 458
13. Flores-Ponce, M., Vallebuena-Estrada, M., Gonzalez-Orozco, E., Ramos-Aboites, H. E., Garcia-Chavez, J. N., Simoes, N. & Montiel, R. (2017). Signatures of Co-Evolutionary Host-Pathogen Interactions in the Genome of the Entomopathogenic Nematode *Steinernema Carpocapsae*. [Bmc Evolutionary Biology](#), *17*, 108.
Rec #: 457
14. Sandoval, A., Duran, P., Gandini, M. A., Andrade, A., Almanza, A., Kaja, S. & Felix, R. (2017). Regulation of L-type CaV1.3 channel activity and insulin secretion by the cGMP-PKG signaling pathway. [Cell Calcium](#), *66*, 1-9.
Rec #: 460
15. Perez-Gonzalez, M., Tomas, S. A., Santoyo-Salazar, J. & Morales-Luna, M. (2017). Enhanced photocatalytic activity of TiO₂-ZnO thin films deposited by dc reactive magnetron sputtering. [Ceramics International](#), *43*(12), 8831-8838.
Rec #: 462
16. Gurubel, K. J., Sanchez, A., Coronado-Mendoza, A. & Sanchez, E. N. (2017). A Comparative Study of Temperature Optimal Control in a Solid State Fermentation Process for Edible Mushroom Growing. [Chemical and Biochemical Engineering Quarterly](#), *31*(1), 101-114.
Rec #: 463
17. Aguilar-Lopez, R. (2017). Input-Output Linearizing-Type Controller Design With Application to Continuous Bioreactor. [Comptes Rendus De L Academie Bulgare Des Sciences](#), *70*(3), 419-426.
Rec #: 464
18. Samaniego, J. E., Velazquez-Salazar, J. J., Mendoza-Cruz, R., Bazan-Diaz, L., Plascencia-Villa, G., Arellano-Jimenez, M. J., Perez, J. F. & Jose-Yacaman, M. (2017). Integrative Structural and Advanced Imaging Characterization of Manganese Oxide Nanotubes Doped With Cobaltite. [Crystengcomm](#), *19*(17), 2329-2338.
Rec #: 465
19. Barreras-Espinoza, I., Soto-Zambrano, J. A., Serafin-Higuera, N., Isiordia-Espinoza, M. A., Zapata-Morales, R., Alonso-Castro, A., Bologna-Molina, R., Granados-Soto, V. & Isiordia-Espinoza, M. A. (2017). The Antinociceptive Effect of a Tapentadol-Ketorolac Combination in a Mouse Model of Trigeminal Pain is Mediated by Opioid Receptors and ATP-Sensitive K(+) Channels. [Drug Development Research](#), *78*(1), 63-70.
Rec #: 467
20. Sanchez-Vergara, M. E., Lopez-Romero, D. M., Vidal-Garcia, P., Jimenez-Jarquín, C., Hernandez-Garcia, A. & Jimenez-Sandoval, O. (2017). Preparation of Hybrid Devices Containing Nylon/M(Ii)Pc-Ttf (M=Cu, Zn) Films With Potential Optical and Electrical Applications. [Electronic Materials Letters](#), *13*(3), 191-200.
Rec #: 468
21. Perez-Izquierdo, L., Zabal-Aguirre, M., Flores-Renteria, D., Gonzalez-Martinez, S. C., Buee, M. & Rincon, A. (2017). Functional Outcomes of Fungal Community Shifts Driven by Tree Genotype and Spatial-Temporal Factors in Mediterranean Pine Forests. [Environmental Microbiology](#), *19*(4), 1639-1652.
Rec #: 470

22. Falcon-Rodriguez, C. I., De Vizcaya-Ruiz, A., Rosas-Perez, I. A., Osornio-Vargas, A. R. & Segura-Medina, P. (2017). Inhalation of concentrated PM2.5 from Mexico City acts as an adjuvant in a guinea pig model of allergic asthma. [Environmental Pollution](#), *228*, 474-483.
Rec #: 471

23. Gamboa-Loira, B., Cebrian, M. E., Franco-Marina, F. & Lopez-Carrillo, L. (2017). Arsenic metabolism and cancer risk: A meta-analysis. [Environmental Research](#), *156*, 551-558.
Rec #: 472

24. Zepeda-Arce, R., Rojas-Garcia, A. E. , Benitez-Trinidad, A. et al. (2017). Oxidative stress and genetic damage among workers exposed primarily to organophosphate and pyrethroid pesticides. [Environmental Toxicology](#), *32*(6), 1754-1764.
Rec #: 473

25. Yebra, L., Putzeys, S., Cortes, D., Mercado, J. M., Gomez-Jakobsen, F., Leon, P., Salles, S. & Herrera, I. (2017). Trophic Conditions Govern Summer Zooplankton Production Variability Along the Se Spanish Coast (Sw Mediterranean). [Estuarine Coastal and Shelf Science](#), *187*, 134-145.
Rec #: 474

26. Adam, J., Adamova, D., Aggarwal, M. M. et al. (2017). Charged-Particle Multiplicities in Proton-Proton Collisions at Root S=0.9 To 8 Tev. [European Physical Journal C](#), *77*(1), 33.
Rec #: 478

27. Adam, J., Adamova, D., Aggarwal, M. M. et al. (2017). Measurement of Azimuthal Correlations of D Mesons With Charged Particles in Pp Collisions at Root S=7 Tev and P-Pb Collisions at Root(Nn)-N-S=5.02 Tev. [European Physical Journal C](#), *77*(4) , 245.
Rec #: 475

28. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Measurement of the T(T)Over-Bar Production Cross Section Using Events in the E Mu Final State in Pp Collisions at Root S=13 Tev. [European Physical Journal C](#), *77*(3), 172.
Rec #: 477

29. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Measurement of the Wz Production Cross Section in Pp Collisions at Root S=7 and 8 Tev and Search for Anomalous Triple Gauge Couplings at Root S=8 Tev. [European Physical Journal C](#), *77*(4) , 236.
Rec #: 476

30. Gonzalez-Gutierrez, J. & Ruiz-Suarez, J. C. (2017). Exploring the physics of sand drawings: The role of craters, furrows and piles. [European Physical Journal E-Soft Matter](#), *40*(4), 45.
Rec #: 479

31. Trasvina-Arenas, C. H., Cardona-Felix, C. S., Azuara-Liceaga, E., Diaz-Quezada, C. & Briebe, L. G. (2017). Proliferating Cell Nuclear Antigen Restores the Enzymatic Activity of a Dna Ligase I Deficient in Dna Binding. [Febs Open Bio](#), *7*(5), 659-674.
Rec #: 481

32. Lara-Hernandez, G., Benavides-Parra, J. C., Arias, N. P., Hernandez, J. G. M., Moran, C. O. G., Cruz-Orea, A., Suaste-Gomez, E. & Flores-Cuautle, J. J. A. (2017). Influence of Poling Voltage on Optical Absorption Spectra, Thermal Properties, and Structure of Plzt Ceramics. [Ferroelectrics](#), *507*(1), 159-171.
Rec #: 482

33. Missirlis, F. & Nahmad, M. (2017). We Also Canfly! The 2nd Mexfly Drosophila Research Conference. [Fly](#), *11*(2), 148-152.
Rec #: 483

34. Gamboa-Becerra, R., Montero-Vargas, J. M., Martinez-Jarquín, S., Galvez-Ponce, E., Moreno-Pedraza, A. & Winkler, R. (2017). Rapid Classification of Coffee Products by Data Mining Models From Direct Electrospray and Plasma-Based Mass Spectrometry Analyses. [Food Analytical Methods](#), *10*(5), 1359-1368. Rec #: 484

35. Banik, S. D., Dickinson, F. & Salehabadi, S. M. (2017). Preece-Baines Model 1 to Estimate Height and Knee Height Growth in Boys and Girls From Merida, Mexico. [Food and Nutrition Bulletin](#), *38*(2), 182-195. Rec #: 485

36. Martin, M., Bejar, J., Esposito, G., Chavez, D., Contreras-Hernandez, E., Glusman, S., Cortes, U. & Rudomin, P. (2017). Markovian Analysis of the Sequential Behavior of the Spontaneous Spinal Cord Dorsum Potentials Induced by Acute Nociceptive Stimulation in the Anesthetized Cat. [Frontiers in Computational Neuroscience](#), *11*, 32. Rec #: 486

37. Ramirez-Carrasco, G., Martinez-Aguilar, K. & Alvarez-Venegas, R. (2017). Transgenerational Defense Priming for Crop Protection Against Plant Pathogens: a Hypothesis. [Frontiers in Plant Science](#), *8*, 696. Rec #: 489

38. Michel-Lopez, C., Gonzalez-Mendoza, D., Grimaldo-Juarez, O., Cecena-Duran, C., Tzintzun-Camacho, O. & Zapata-Perez, O. (2017). Expression of metallothionein type 2 and 3 genes in *Prosopis glandulosa* leaves treated with copper. [Genetics and Molecular Research](#), *16*(1), gmr16019490. Rec #: 491

39. Perez-Zamorano, B., Delaye, L., Vallebuena-Estrada, M., Montiel, R., Vielle-Calzada, J. P., Martinez-Gonzalez, J. & Garcia-Cook, A. (2017). Organellar Genomes from a ~5,000-Year-Old Archaeological Maize Sample Are Closely Related to NB Genotype. [Genome Biology and Evolution](#), *9*(4), 904-915. Rec #: 492

40. Olarte-Carrillo, I., Miranda-Peralta, E., Martinez-Tovar, A. et al. (2017). Clinical significance of the ABCB1 and ABCG2 gene expression levels in acute lymphoblastic leukemia. [Hematology](#), *22*(5), 286-291. Rec #: 493

41. Monroy, J. A., Campos, E. & Torres, J. A. (2017). Attitude Control of a Micro Auv Through an Embedded System. [Ieee Latin America Transactions](#), *15*(4), 603-612. Rec #: 494

42. Teran-Jimenez, O., Rodriguez-Roldan, G., Hernandez-Rivera, D. & Suaste-Gomez, E. (2017). Sensors Based on Conducting Polymers for Measurement of Physiological Parameters. [Ieee Sensors Journal](#), *17*(8), 2492-2497. Rec #: 495

43. Carballo-Villalobos, A. I., Gonzalez-Trujano, M. E., Alvarado-Vazquez, N. & Lopez-Munoz, F. J. (2017). Pro-Inflammatory Cytokines Involvement in the Hesperidin Antihyperalgesic Effects at Peripheral and Central Levels in a Neuropathic Pain Model. [Inflammopharmacology](#), *25*(2), 265-269. Rec #: 496

44. Zetter, B. C., Brambila, C. G. & Angon, M. A. P. (2017). Gender Desegregated Analysis of Mexican Inventors in Patent Applications Under the Patent Cooperation Treaty (Pct). [Interciencia](#), *42*(4), 204-210. Rec #: 497

45. Juarez-Moreno, J. A., Brito-Argaez, L. G., Avila-Ortega, A., Oliva, A. I., Aviles, F. & Cauich-Rodriguez, J. V. (2017). Effect of the type of plasma on the polydimethylsiloxane/collagen composites adhesive properties. [International Journal of Adhesion and Adhesives](#), *77*, 85-95. Rec #: 498

46. Penaloza-Mejia, O., Marquez-Martinez, L. A., Alvarez-Gallegos, J. & Alvarez, J. (2017). Master-Slave Teleoperation of Underactuated Mechanical Systems With Communication Delays. [International Journal of Control Automation and Systems](#), 15(2), 827-836.
Rec #: 499
47. Garcia-Aguilar, J. D. & Perez-Lorenzana, A. (2017). Implications of Lorentz Symmetry Violation on a 5d Supersymmetric Model. [International Journal of Modern Physics A](#), 32(10), 1750052.
Rec #: 500
48. Medina-Contreras, J. M. L., Colado-Velazquez, J., Gomez-Viquez, N. L., Mailloux-Salinas, P., Perez-Torres, I., Aranda-Fraustro, A., Carvajal, K. & Bravo, G. (2017). Effects of Topical Capsaicin Combined With Moderate Exercise on Insulin Resistance, Body Weight and Oxidative Stress in Hypoestrogenic Obese Rats. [International Journal of Obesity](#), 41(5), 750-758.
Rec #: 501
49. Munoz, F., Sanchez, E. N., Xia, Y. & Deng, S. (2017). Real-time neural inverse optimal control for indoor air temperature and humidity in a direct expansion (DX) air conditioning (A/C) system. [International Journal of Refrigeration](#), 79, 196-206.
Rec #: 502
50. Colina-Ruiz, R. A., Mustre de Leon, J., Lezama-Pacheco, J. S., Caballero-Briones, F., Acosta-Alejandro, M. & Espinosa-Faller, F. J. (2017). Local atomic structure and analysis of secondary phases in non-stoichiometric Cu₂ZnSnS₄ using X-ray absorption fine structure spectroscopy. [Journal of Alloys and Compounds](#), 714, 381-389.
Rec #: 504
51. Arce-Plazaa, A., Andrade-Arvizub, J. A., Courel, M., Alvaradoc, J. A. & Ortega-Lopezd, M. (2017). Study and Application of Colloidal Systems for Obtaining Cdte Plus Te Thin Films by Spray Pyrolysis. [Journal of Analytical and Applied Pyrolysis](#), 124, 285-289.
Rec #: 505
52. Martinez-Rendon, J., Sanchez-Guzman, E., Rueda, A., Gonzalez, J., Gullias-Canizo, R., Aquino-Jarquín, G., Castro-Munozledo, F. & Garcia-Villegas, R. (2017). Trpv4 Regulates Tight Junctions and Affects Differentiation in a Cell Culture Model of the Corneal Epithelium. [Journal of Cellular Physiology](#), 232(7), 1794-1807.
Rec #: 506
53. Trevino, S., Vazquez-Roque, R. A., Lopez-Lopez, G. et al. (2017). Metabolic syndrome causes recognition impairments and reduced hippocampal neuronal plasticity in rats. [Journal of Chemical Neuroanatomy](#), 82, 65-75.
Rec #: 507
54. Ramirez-Garza, O. A., Mendez-Alcaraz, J. M. & Gonzalez-Mozuelos, P. (2017). Structural and dynamic inhomogeneities induced by curvature gradients in elliptic colloidal halos of paramagnetic particles. [Journal of Chemical Physics](#), 146(19), 194903.
Rec #: 508
55. Mariscal-Moreno, R. M., Cardenas, J. D. F., Santiago-Ramos, D., Rayas-Duarte, P., Veles-Medina, J. J. & Martinez-Flores, H. E. (2017). Nixtamalization Process Affects Resistant Starch Formation and Glycemic Index of Tamales. [Journal of Food Science](#), 82(5), 1110-1115.
Rec #: 511
56. Zuniga-Galindo, W. A. (2017). Non-Archimedean White Noise, Pseudodifferential Stochastic Equations, and Massive Euclidean Fields. [Journal of Fourier Analysis and Applications](#), 23(2), 288-323.
Rec #: 512

57. Labastida-Ramirez, A., Rubio-Beltran, E., Hernandez-Abreu, O., Daugherty, B. L., Maassenvandenbrink, A. & Villalon, C. M. (2017). Pharmacological Analysis of the Increases in Heart Rate and Diastolic Blood Pressure Produced by (S)-Isometheptene and (R)-Isometheptene in Pithed Rats. [Journal of Headache and Pain, 18](#), 52.
Rec #: 513
58. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Charged-Particle Nuclear Modification Factors in Pbpb and Ppb Collisions at Root S(Nn)=5.02 Tev. [Journal of High Energy Physics, \(4\)](#), 39.
Rec #: 514
59. Khachatryan, V., Sirunyan, A. M., Tumasyan, A. et al. (2017). Search for Electroweak Production of Charginos in Final States With Two T Leptons in Pp Collisions at Root S=8 Tev. [Journal of High Energy Physics, \(4\)](#), 18.
Rec #: 515
60. Vazquez-Santacruz, J. A., Velasco-Villa, M., Portillo-Velez, R. D., Marin-Urias, L. F. & Viguera-Zuniga, M. (2017). Autonomous Navigation for Multiple Mobile Robots Under Time Delay in Communication. [Journal of Intelligent & Robotic Systems, 86\(3-4\)](#), 583-597.
Rec #: 516
61. Gadi, S. K., Osorio-Cordero, A., Lozano-Leal, R. & Garrido, R. A. (2017). Stability Analysis of a Human Arm Interacting With a Force Augmenting Device. [Journal of Intelligent & Robotic Systems, 86\(2\)](#), 215-224.
Rec #: 517
62. Latasiewicz, J., Artz, A., Jing, D., Pacheco-Blanco, M., Currie, S. M., Vestweber, D., Velazquez-Avila, M. & Schnoor, M. (2017). HS1 deficiency impairs neutrophil recruitment in vivo and activation of the small GTPases Rac1 and Rap1. [Journal of Leukocyte Biology, 101\(5\)](#), 1133-1142.
Rec #: 518
63. Guzman-Mendoza, J., Garfias-Garcia, E., Guzman-Olguin, J. C., Montes, E., Torres Jasso, G., Garcia-Hipolito, M. & Falcony-Guajardo, C. (2017). Changes induced in the luminescent emission of Eu³⁺ by different crystal nature: An analysis by group theory. [Journal of Luminescence, 188](#), 394-399.
Rec #: 520
64. Rekha, S., Martinez, A. I., Safeera, T. A. & Anila, E. I. (2017). Enhanced luminescence of triethanolamine capped calcium sulfide nanoparticles synthesized using wet chemical method. [Journal of Luminescence, 190](#), 94-99.
Rec #: 519
65. Garcia-Ochoa, E., Corvo, F., Genesca, J., Sosa, V. & Estupinan, P. (2017). Copper Corrosion Under Non-Uniform Magnetic Field in 0.5 M Hydrochloric Acid. [Journal of Materials Engineering and Performance, 26\(5\)](#), 2129-2135.
Rec #: 521
66. Carabarin-Lima, A., Lozano-Zarain, P., Castaneda-Lucio, M., Martinez-De la Pena, C. F., Martinez-Garcia, J., Lara-Flores, N., Campos-De la Cruz, E., Rocha-Gracia, R. C. & Gonzalez-Posos, S. (2017). Flagellar expression in clinical isolates of non-typeable Haemophilus influenzae. [Journal of Medical Microbiology, 66\(5\)](#), 592-600.
Rec #: 522
67. Cervantes-Flores, A., Solorza-Feria, O., Calaminici, P. & Cruz-Martinez, H. (2017). A first-principles study of Nin Pdn (n = 1 - 5) clusters. [Journal of Molecular Modeling, 23\(5\)](#), 161.
Rec #: 523
68. Garcia-Vazquez, J. B., Banuelos-Hernandez, A. E., Trujillo-Serrato, J. J., Suarez-Castillo, O. R., Ariza-Castolo, A. & Morales-Rios, M. S. (2017). Structure-selectivity relationship in the cleavage of spirocyclopropyl oxindoles: An experimental and theoretical investigation. [Journal of Molecular Structure, 1145](#), 184-191.
Rec #: 524

69. Angulo-Sherman, I. N., Rodriguez-Ugarte, M., Sciacca, N., Ianez, E. & Azorin, J. M. (2017). Effect of Tdcs Stimulation of Motor Cortex and Cerebellum on Eeg Classification of Motor Imagery and Sensorimotor Band Power. [Journal of Neuroengineering and Rehabilitation](#), 14, 31.
Rec #: 525

70. Hernandez-Melo, D., Cervantes, R. & Tiburcio, J. (2017). Shuttling Motion in a Host-Guest Complex Triggered by Spiropyran to Merocyanine Reversible Chemical Transformation. [Journal of Organic Chemistry](#), 82(8), 4484-4488.
Rec #: 526

71. Blades, W. H., Reber, A. C., Khanna, S. N., Lopez-Sosa, L., Calaminici, P. & Koster, A. M. (2017). Evolution of the Spin Magnetic Moments and Atomic Valence of Vanadium in Vcux+, Vagx+, and Vaux+ Clusters (X=3-14). [Journal of Physical Chemistry A](#), 121(15), 2990-2999.
Rec #: 530

72. Saha, R., Kar, S., Pan, S., Martinez-Guajardo, G., Merino, G. & Chattaraj, P. K. (2017). A Spinning Umbrella: Carbon Monoxide and Dinitrogen Bound Mb12- Clusters (M = Co, Rh, Ir). [Journal of Physical Chemistry A](#), 121(15), 2971-2979.
Rec #: 529

73. Acosta-Silva, Y. D., Castanedo-Perez, R., Torres-Delgado, G., Mendez-Lopez, A. & Zelaya-Angel, O. (2017). Effect of Annealing Temperature on Structural, Morphological and Optical Properties of Ceo2 Thin Films Obtained From a Simple Precursor Solution. [Journal of Sol-Gel Science and Technology](#), 82(1), 20-27.
Rec #: 538

74. Flores-Ruiz, F. J., Diliiegros-Godines, C., Hernandez-Garcia, F. A., Castanedo-Perez, R., Torres-Delgado, G. & Broitman, E. (2017). Mechanical and Tribological Behavior of Sol-Gel Tio2-Cdo Films Measured at the Microscale Levels. [Journal of Sol-Gel Science and Technology](#), 82(3), 682-691.
Rec #: 537

75. Lopez-Cota, F. A., Cepeda-Sanchez, N. M., Diaz-Guillen, J. A., Dura, O. J., Lopez-De la Torre, M. A., Maczka, M., Ptak, M. & Fuentes, A. F. (2017). Electrical and thermophysical properties of mechanochemically obtained lanthanide hafnates. [Journal of the American Ceramic Society](#), 100(5), 1994-2004.
Rec #: 539

76. Gonzalez-Torres, R. E. (2017). A geometric study of cores of idempotent stochastic matrices. [Linear Algebra and Its Applications](#), 527, 87-127.
Rec #: 540

77. Perez-Hernandez, N., Gordillo-Roman, B., Arrieta-Baez, D., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2017). Complete H-1 Nmr Assignment of Cedranolides. [Magnetic Resonance in Chemistry](#), 55(3), 169-176.
Rec #: 542

78. Ortega, A. R., Ortiz-Pastrana, N., Quijano, L., Becerra-Martinez, E., Olmedo-Aguirre, J. O. & Joseph-Nathan, P. (2017). Structure and Absolute Configuration of Hydroxy-Bis-Dihydrofarinosin From Encelia Farinosa. [Magnetic Resonance in Chemistry](#), 55(6), 530-539.
Rec #: 541

79. Vallarino, A. & Von Osten, J. R. (2017). Comparison of Organochlorine and Pahs Residues in Terns Eggs From Two Natural Protected Areas in the Gulf of Mexico. [Marine Pollution Bulletin](#), 116(1-2), 48-55.
Rec #: 543

80. Hernandez-Uresti, D. B., Vazquez, A., Obregon, S. & Ruiz-Gomez, M. A. (2017). Novel g-C3N4 photocatalytic coatings with spearhead-like morphology prepared by an electrophoretic deposition route. [Materials Letters](#), 200, 59-62.
Rec #: 544

81. Elizalde-Pena, E. A., Quintero-Ortega, I. A., Zarate-Trivino, D. G., Nuno-Licon, A., Gough, J., Sanchez, I. C., Medina, D. I. & Luna-Barcenas, G. (2017). (Chitosan-g-glycidyl methacrylate)-xanthan hydrogel implant in Wistar rats for spinal cord regeneration. [Materials Science & Engineering C-Materials for Biological Applications](#), *78*, 892-900.

Rec #: 547

82. Alonso-Sierra, S., Velazquez-Castillo, R., Millan-Malo, B., Nava, R., Bucio, L., Manzano-Ramirez, A., Cid-Luna, H. & Rivera-Munoz, E. M. (2017). Interconnected porosity analysis by 3D X-ray microtomography and mechanical behavior of biomimetic organic-inorganic composite materials. [Materials Science & Engineering C-Materials for Biological Applications](#), *80*, 45-53.

Rec #: 545

83. Santana, C. I., Hoyos, L. M., Perez, J. F., Bustamante, J. & Garcia, A. G. (2017). A novel functionalization method for carbon nanotubes to repel ox-LDL in treatments after stent placement. [Materials Science & Engineering C-Materials for Biological Applications](#), *79*, 30-36.

Rec #: 546

84. Flores-Ruiz, F. J., Gervacio-Arciniega, J. J., Murillo-Bracamontes, E., Cruz, M. P., Yanez-Limon, J. M. & Siqueiros, J. M. (2017). An alternative scheme to measure single-point hysteresis loops using piezoresponse force microscopy. [Measurement](#), *108*, 143-151.

Rec #: 548

85. Campos, E., Chemori, A., Creuze, V., Torres, J. & Lozano, R. (2017). Saturation based nonlinear depth and yaw control of underwater vehicles with stability analysis and real-time experiments. [Mechatronics](#), *45*, 49-59.

Rec #: 550

86. Serna-Marquez, N., Diaz-Aragon, R., Reyes-Uribe, E., Cortes-Reynosa, P. & Perez-Salazar, E. (2017). Linoleic acid induces migration and invasion through FFAR4- and PI3K-/Akt-dependent pathway in MDA-MB-231 breast cancer cells. [Medical Oncology](#), *34*(6), 111.

Rec #: 551

87. Sanchez-Arreola, S. V. & Garnica-Garza, H. M. (2017). Feasibility of Robotic Stereotactic Body Radiotherapy of Lung Tumors With Kilovoltage X-Ray Beams. [Medical Physics](#), *44*(4), 1224-1233.

Rec #: 552

88. Gutierrez-Gutierrez, F., Puebla-Perez, A. M., Gonzalez-Pozos, S., Hernandez-Hernandez, J. M., Perez-Rangel, A., Alvarez, L. P., Tapia-Pastrana, G. & Castillo-Romero, A. (2017). Antigiardial Activity of Podophyllotoxin-Type Lignans from *Bursera fagaroides* var. *fagaroides*. [Molecules](#), *22*(5), 799.

Rec #: 556

89. Hernandez-Nunez, E., Tlahuext, H., Moo-Puc, R., Moreno, D., Gonzalez-Diaz, M. O. & Navarrete-Vazquez, G. (2017). Design, Synthesis and Biological Evaluation of 2-(2-Amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-arylacetamides as Antiprotozoal Agents. [Molecules](#), *22*(4), 579.

Rec #: 557

90. Navarro-Gutierrez, M., Ramirez-Trevino, A. & Silva, M. (2017). Homothecy, bifurcations, continuity and monotonicity in timed continuous Petri nets under infinite server semantics. [Nonlinear Analysis-Hybrid Systems](#), *26*, 48-67.

Rec #: 558

91. Arauz, J., Galicia-Moreno, M., Zarco, N., Segovia, J., Hernandez-Aquino, E., Favari, L. & Muriel, P. (2017). Coffee consumption prevents fibrosis in a rat model that mimics secondary biliary cirrhosis in humans. [Nutrition Research](#), *40*, 65-74.

Rec #: 559

92. Kaky, K. M., Lakshminarayana, G., Baki, S. O. et al. (2017). Structural and optical studies of Er³⁺-doped alkali/alkaline oxide containing zinc boro-aluminosilicate glasses for 1.5-(μ)m optical amplifier applications. [Optical Materials](#), *69*, 401-419.
Rec #: 560
93. Kim, C. S., Castro, G. L. & Tostado, S. L. (2017). Evaluation of Ckm Matrix Elements From Exclusive P14 Decays. [Physical Review D](#), *95*(7), 073003.
Rec #: 561
94. Adam, J., Adamova, D., Aggarwal, M. M. et al. (2017). Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the Lhc. [Physical Review Letters](#), *118*(16), 162302.
Rec #: 562
95. Sirunyan, A. M., Tumasyan, A., Adam, W. et al. (2017). Relative Modification of Prompt $\Psi(2s)$ and J/Ψ Yields From Pp to Pbpb Collisions at $\sqrt{s}(Nn)=5.02$ Tev. [Physical Review Letters](#), *118*(16), 162301.
Rec #: 563
96. Oropeza-Aburto, A., Cruz-Ramirez, A., Mora-Macias, J. & Herrera-Estrella, L. (2017). A phosphate starvation-driven bidirectional promoter as a potential tool for crop improvement and in vitro plant biotechnology. [Plant Biotechnology Journal](#), *15*(5), 558-567.
Rec #: 564
97. Molina-Jijon, E., Rodriguez-Munoz, R., Namorado-Tonix, C., Reyes, J. L., Gonzalez-Ramirez, R. & Pedraza-Chaverri, J. (2017). Aldosterone signaling regulates the over-expression of claudin-4 and -8 at the distal nephron from type 1 diabetic rats. [PloS One](#), *12*(5), e0177362.
Rec #: 566
98. Rios-Solis, Y. A., Saucedo-Espinosa, M. A. & Caballero-Robledo, G. A. (2017). Repayment Policy for Multiple Loans. [Plos One](#), *12*(4), e0175782.
Rec #: 565
99. Soto-Acosta, R., Bautista-Carbajal, P., Cervantes-Salazar, M., Angel-Ambrocio, A. H., Del Angel, R. M. & Soto-Acosta, R. (2017). DENV up-regulates the HMG-CoA reductase activity through the impairment of AMPK phosphorylation: A potential antiviral target. [PLoS Pathogens](#), *13*(4), e1006257.
Rec #: 567
100. Mora-Macias, J., Ojeda-Rivera, J. O., Gutierrez-Alanis, D. et al. (2017). Malate-Dependent Fe Accumulation Is a Critical Checkpoint in the Root Developmental Response to Low Phosphate. [Proceedings of the National Academy of Sciences of the United States of America](#), *114*(17), E3563-E3572.
Rec #: 568
101. Perez-Denicia, E., Fernandez-Luqueno, F., Vilarino-Ayala, D., Montano-Zetina, L. M. & Maldonado-Lopez, L. A. (2017). Renewable energy sources for electricity generation in Mexico: A review. [Renewable and Sustainable Energy Reviews](#), *78*, 597-613.
Rec #: 569
102. Renteria-Chavez, M. C., Ferrera-Cerrato, R., Perez-Moreno, J., Cetina-Alcala, V. M. & Xoconostle-Cazares, B. (2017). Nutrient transfer and growth of *Pinus greggii* Engelm. inoculated with edible ectomycorrhizal mushrooms in two substrates. [Revista Argentina De Microbiologia](#), *49*(1), 93-104.
Rec #: 570
103. Mendez-Camacho, R., Lopez-Lopez, M., Mendez-Garcia, V. H., Valdez-Perez, D., Ortega, E., Benitez, A., Ponce, A. & Cruz-Hernandez, E. (2017). Nanowire Y-Junction Formation During Self-Faceting on High-Index Gaas Substrates. [Rsc Advances](#), *7*(29), 17813-17818.
Rec #: 573

104. Rittman, D. R., Turner, K. M., Park, S., Ewing, R. C., Mao, W. L., Fuentes, A. F., Park, C. & Mao, W. L. (2017). Strain engineered pyrochlore at high pressure. [Scientific Reports](#), *7*(1), 2236.
Rec #: 576

105. Garza-Cervantes, J. A., Chavez-Reyes, A., Castillo, E. C. et al. (2017). Synergistic Antimicrobial Effects of Silver/Transition-Metal Combinatorial Treatments. [Scientific Reports](#), *7*, 903.
Rec #: 575

106. Hernandez-Rivera, D., Rodriguez-Roldan, G., Mora-Martinez, R. & Suaste-Gomez, E. (2017). A Capacitive Humidity Sensor Based on an Electrospun PVDF/Graphene Membrane. [Sensors](#), *17*(5), 1009.
Rec #: 578

107. Karthik-Tangirala, V. K., Olvera, M. L., Gomez-Pozos, H. & Rodriguez-Lugo, V. (2017). A Study of the CO Sensing Responses of Cu-, Pt- and Pd-Activated SnO₂ Sensors: Effect of Precipitation Agents, Dopants and Doping Methods. [Sensors](#), *17*(5), 1011.
Rec #: 577

108. Arriaga-Trejo, I. A., Orozco-Lugo, A. G., Villanueva-Maldonado, J. & Flores-Troncoso, J. (2017). Joint I/Q Imbalances Estimation Using Data-Dependent Superimposed Training. [Signal Image and Video Processing](#), *11*(4), 729-736.
Rec #: 579

109. Gudino-Mendoza, B. & Lopez-Mellado, E. (2017). A Modeling Methodology for Designing Agents Networks Using Timed Hybrid Petri Nets. [Simulation-Transactions of the Society for Modeling and Simulation International](#), *93*(4), 323-333.
Rec #: 580

110. Leon, J. A. & Peralta, L. (2017). Some Feller and Osgood Type Criteria for Semilinear Stochastic Differential Equations. [Stochastics and Dynamics](#), *17*(2), 1750011.
Rec #: 581

111. Martinez-Aquino, A., Vigliano-Relva, J., Brusa, F. & Damborenea, C. (2017). Historical Biogeography of Temnocephalida (Platyhelminthes, Rhabdoceola): Testing the Gondwanan Hypothesis. [Systematics and Biodiversity](#), *15*(4), 327-345.
Rec #: 582

112. Silva-Cuevas, C., Perez-Arrieta, C., Polindara-Garcia, L. A. & Lujan-Montelongo, J. A. (2017). Sulfonyl halide synthesis by thiol oxyhalogenation using NBS/NCS-iPrOH. [Tetrahedron Letters](#), *58*(23), 2244-2247.
Rec #: 584

113. Martinez-Guzman, C., Cortes-Reynosa, P., Perez-Salazar, E. & Elizondo, G. (2017). Dexamethasone induces human glutathione S transferase alpha 1 (hGSTA1) expression through the activation of glucocorticoid receptor (hGR). [Toxicology](#), *385*, 59-66.
Rec #: 585

114. Osorio-Yanez, C., Chin-Chan, M., Sanchez-Pena, L. C., Atzatz-Aguilar, O. G., Olivares-Reyes, J. A., Segovia, J. & Del Razo, L. M. (2017). The ADMA/DDAH/NO pathway in human vein endothelial cells exposed to arsenite. [Toxicology in Vitro](#), *42*, 281-286.
Rec #: 586

115. Albores-Moreno, S., Alayon-Gamboa, J. A., Ayala-Burgos, A. J., Solorio-Sanchez, F. J., Aguilar-Perez, C. F., Olivera-Castillo, L. & Ku-Vera, J. C. (2017). Effects of Feeding Ground Pods of *Enterolobium Cyclocarpum* Jacq. Griseb on Dry Matter Intake, Rumen Fermentation, and Enteric Methane Production by Pelibuey Sheep Fed Tropical Grass. [Tropical Animal Health and Production](#), *49*(4), 857-866.
Rec #: 587

116. Cervantes-Anaya, N., Ponciano-Gomez, A., Lopez-Alvarez, G. S., Gonzalez-Reyes, C., Hernandez-Garcia, S., Cabanas-Cortes, M. A., Garrido-Guerrero, J. E. & Villa-Trevino, S. (2017). Downregulation of Sorting Nexin 10 Is Associated With Overexpression of Mir-30d During Liver Cancer Progression in Rats. [Tumor Biology](#), 39(4).

Rec #: 588

117. Arechaga-Ocampo, E., Lopez-Camarillo, C., Villegas-Sepulveda, N. et al. (2017). Tumor Suppressor Mir-29c Regulates Radioresistance in Lung Cancer Cells. [Tumor Biology](#), 39(3).

Rec #: 589

118. Dunstand-Guzman, E., Hallal-Calleros, C., Morales-Montor, J., Hernandez-Velazquez, V. M., Zarate-Ramos, J. J., Hoffman, K. L., Pena-Chora, G. & Flores-Perez, F. I. (2017). Therapeutic use of Bacillus thuringiensis in the treatment of psoroptic mange in naturally infested New Zealand rabbits. [Veterinary Parasitology](#), 238, 24-29.

Rec #: 590

119. Perez-Godinez, E. A., Lagunes-Zarate, J., Corona-Hernandez, J. & Barajas-Aceves, M. (2017). Growth and reproductive potential of Eisenia foetida (Sav) on various zoo animal dungs after two methods of pre-composting followed by vermicomposting. [Waste Management](#), 64, 67-78.

Rec #: 591

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

120. Sanchez-Osorio, I., Hernandez-Martinez, C. A. & Martinez-Antonio, A. (2017). Modeling Asymmetric Cell Division in Caulobacter crescentus Using a Boolean Logic Approach. [Results and problems in cell differentiation](#), 61, 1-21.

Rec #: 445

121. Papacostas-Quintanilla, H., Lopez-Rubalcava, C. & Ortiz-Ortega, V. M. (2017). Wistar-Kyoto Female Rats Are More Susceptible to Develop Sugar Binging: A Comparison with Wistar Rats. [Frontiers in Nutrition](#), 4, 15.

Rec #: 488

122. Meza-Segura, M., Maldonado-Puga, S., Estrada-Garcia, T., Zaidi, M. B., Huerta-Cantillo, J., Chavez-Duenas, L. & Navarro-Garcia, F. (2017). Cytolethal distending toxin-producing Escherichia coli strains causing severe diarrhoea in young Mexican children. [JMM Case Reports](#), 4(2), e005079.

Rec #: 503

123. Higuera-Chan, C. G., Jasso-Fuentes, H. & Minjarez-Sosa, J. A. (2017). Control Systems of Interacting Objects Modeled as a Game Against Nature Under a Mean Field Approach. [Journal of Dynamics and Games](#), 4(1), 59-74.

Rec #: 509

124. Seligson, K., Negron, T. G., Ciau, R. M. & Bey, G. J. (2017). Lime Powder Production in the Maya Puuc Region (Ad 600-950): an Experimental Pit-Kiln. [Journal of Field Archaeology](#), 42(2), 129-141.

Rec #: 510

125. Gonzalez, M., Montano, M. & Hoyo, C. (2017). Construction of a Low-Cost Detector to Identify Dissolved Metals in Aqueous Media by Fluorescence Spectroscopy: Design and Perspectives. [Journal of Physics Conference Series](#), 792, 012016.

Rec #: 533

126. Torres-Vega, G. (2017). Decaying Steady States of the One-Dimensional Nonlinear Schrodinger Equation With a Constant Potential. [Journal of Physics Conference Series](#), 792, 012031.

Rec #: 536

127. Peredo-Ortiz, R., Hernandez-Contreras, M. & Hernandez-Gomez, R. (2017). Diffusion in Monodisperse Ferrofluids. [Journal of Physics Conference Series](#), 792, 012099.
Rec #: 535

128. Marquina-Carmona, M. A. & Hernandez-Contreras, M. (2017). Effective Potentials of Hofmeister Salts in Aqueous Solution. [Journal of Physics Conference Series](#), 792, 012100.
Rec #: 534

129. Aguirre-Aguirre, D., Diaz-Uribe, R. & Villalobos-Mendoza, B. (2017). Fast Conical Surface Evaluation Via Randomized Algorithm in the Null-Screen Test. [Journal of Physics Conference Series](#), 792, 012028.
Rec #: 532

130. Aguirre-Aguirre, D., Izazaga-Perez, R., Villalobos-Mendoza, B., Carrasco, E., De Paz, A. G., Gallego, J. & Iglesias, J. (2017). Megara Optics: Stain Removal in PbM₂y Prisms. [Journal of Physics Conference Series](#), 792(1), 012064.
Rec #: 531

131. Juarez-Garcia, J. M., Yanez-Limon, J. M., Manzano-Ramirez, A., Rojas-Chavez, H., Rodriguez-Lopez, A., Mercader-Trejo, F. & Herrera-Basurto, R. (2017). Characterization and Quantification of the Phases Concentration of Cu₆₀-Zn₄₀ Alloy as Candidate Reference Material. [Metallography Microstructure and Analysis](#), 6(2), 164-170.
Rec #: 553

132. Rojano, T. & Garcia-Camposz, M. (2017). Teaching Mathematics With Intelligent Support in Natural Language. Tertiary Education Students Working With Parametrized Modelling Activities. [Teaching Mathematics and Its Applications](#) , 36(1), 18-30.
Rec #: 583

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

133. Ortiz, F. & Gutierrez, R. (2017). Corrigendum to "Entorhinal cortex lesions result in adenosine-sensitive high frequency oscillations in the hippocampus" [Exp. Neurol. 271 (2015) 319-328]. [Experimental Neurology](#), 293, 199.
Rec #: 480

134. Wong-Baeza, C., Resendiz-Mora, A., Donis-Maturano, L. et al. (2017). Anti-Lipid IgG Antibodies Are Produced Via Germinal Centers in a Murine Model Resembling Human Lupus (Vol 7, 396, 2016). [Frontiers in Immunology](#), 8, 440.
Rec #: 487

135. Duchanoy, C. A., Moreno-Armendariz, M. A. & Cruz-Villar, C. A. (2017). Optimal Redesign of a Shock Absorber Using Physical Variables and the Full Dynamics of the Suspension System (Vol 44, Pg 32, 2016). [Mechanics Based Design of Structures and Machines](#), 45(2), 280.
Rec #: 549

136. Coello-Coello, C. A., Cutello, V., Lee, D. & Pavone, M. (2017). Recent advances in immunological inspired computation. [Engineering Applications of Artificial Intelligence](#), 62, 302-303.
Rec #: 469

137. Espinosa, G. M. (2017). Transition of Relime to Digital Publishing Context. [Revista Latinoamericana De Investigacion En Matematica Educativa-Relime](#), 20(1), 5-7.
Rec #: 571

138. Claycomb, J., Abreu-Goodger, C. & Buck, A. H. (2017). Rna-Mediated Communication Between Helminths and Their Hosts: the Missing Links. [Rna Biology](#), 14(4), 436-441.
Rec #: 572

139. Vielle-Calzada, J. P. (2017). Linking Stem Cells to Germ Cells. [Science](#), 356(6336), 378-379.
Rec #: 574

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

140. Salinas-Abarca, A., Velazquez-Lagunas, I., Murbartian-Aguilas, J. & Granados-Soto, V. (2017). Inhibition of Atf2 Decreases Mechanical Allodynia and Thermal Hyperalgesia After Spinal Nerves Ligation. [Journal of Pain](#), 18(4), S24.
Rec #: 528

141. Cuellar, Y. D., Velazquez, I., Salinas-Abarca, A., Delgado-Lezama, R. & Granados-Soto, V. (2017). Role of Alpha 5 Subunit-Containing Gaba(a) Receptors in a Rat Model of Fibromyalgia. [Journal of Pain](#), 18(4), S23.
Rec #: 527

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

142. Campos-Guillen, J., Cruz-Medina, J. A., Pacheco-Hernandez, S., Romero-Gomez, S., Jones, G. H., Saldana-Gutierrez, C., Hernandez-Flores, J. L., Valenzuela-Soto, J. H. & Morales-Tlalpan, V. (2017). Critical Minireview: The Fate of tRNA(Cys) during Oxidative Stress in Bacillus subtilis. [Biomolecules](#), 7(1), 6.
Rec #: 455

143. Schnoor, M., Garcia-Ponce, A., Vadillo, E., Pelayo, R., Rossaint, J. & Zarbock, A. (2017). Actin dynamics in the regulation of endothelial barrier functions and neutrophil recruitment during endotoxemia and sepsis. [Cellular and Molecular Life Sciences](#), 74(11), 1985-1997.
Rec #: 461

144. Escalona-Rayo, O., Fuentes-Vazquez, P., Leyva-Gomez, G., Cisneros, B., Villalobos, R., Magana, J. J. & Quintanar-Guerrero, D. (2017). Nanoparticulate Strategies for the Treatment of Polyglutamine Diseases by Halting the Protein Aggregation Process. [Drug Development and Industrial Pharmacy](#), 43(6), 871-888.
Rec #: 466

145. Gutierrez-Rodelo, C., Roura-Guiberna, A. & Olivares-Reyes, J. A. (2017). Molecular Mechanisms of Insulin Resistance: an Update. [Gaceta Medica De Mexico](#), 153(2), 214-228.
Rec #: 490

146. Rosillo-De La Torre, A., Rocha, L., Salgado-Ceballos, H., Casillas, P. E. G. & Luna-Barcenas, G. (2017). Nanotechnology as Potential Strategy for the Treatment of Pharmacoresistant Epilepsy and Comorbid Psychiatric Disorders. [Mini-Reviews in Medicinal Chemistry](#), 17(3), 237-246.
Rec #: 554

147. Rangel-Chavez, C., Galan-Vasquez, E. & Martinez-Antonio, A. (2017). Consensus Architecture of Promoters and Transcription Units in Escherichia Coli: Design Principles for Synthetic Biology. [Molecular Biosystems](#), 13(4), 665-676.
Rec #: 555