

ARTÍCULOS DEL MES DE NOVIEMBRE DE 2014

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

- *1 Berron-Ruiz, L., Morin-Contreras, A., Cano-Garcia, V. et al. (2014). Detection of inheritance pattern in thirty-three Mexican males with chronic granulomatous disease through 123 dihydrorhodamine assay. [Allergologia Et Immunopathologia](#), 42(6), 580-585.
- 2 Ahumada-Lazo, R., Torres-Martinez, L. M., Ruiz-Gomez, M. A., Vega-Becerra, O. E. & Figueroa-Torres, M. Z. (2014). Photocatalytic efficiency of reusable ZnO thin films deposited by sputtering technique. [Applied Surface Science](#), 322, 35-40.
- 3 Robledo, D., Navarro-Angulo, L., Lozano, D. V. & Freile-Pelegrin, Y. (2014). Nutrient Removal Efficiency of Hydropuntia Cornea in an Integrated Closed Recirculation System With Pink Shrimp Farfantepenaeus Brasiliensis. [Aquaculture Research](#), 45(10), 1648-1658.
- 4 Sanchez, A., Magana, G., Gomez, D., Solis, M. & Banares-Alcantara, R. (2014). Bidimensional Sustainability Analysis of Lignocellulosic Ethanol Production Processes. Method and Case Study. [Biofuels Bioproducts & Biorefining-Biofpr](#), 8(5), 670-685.
- 5 Markow, T. A., Hanna, G., Riesgo-Escovar, J. R., Tellez-Garcia, A. A., Richmond, M. P., Nazario-Yepiz, N. O., Lacleste, M. R. L., Carpinteyro-Ponce, J. & Pfeiler, E. (2014). Population Genetics and Recent Colonization History of the Invasive Drosophilid Zaprionus Indianus in Mexico and Central America. [Biological Invasions](#), 16(11), 2427-2434.
- 6 Garcia-Quiroz, J., Garcia-Becerra, R., Santos-Martinez, N. et al. (2014). In Vivo Dual Targeting of the Oncogenic Ether-a-Go-Go-1 Potassium Channel by Calcitriol and Astemizole Results in Enhanced Antineoplastic Effects in Breast Tumors. [Bmc Cancer](#), 14, 745.
- 7 Villa-Ruano, N. & Lozoya-Gloria, E. (2014). Anti-Fertility and Other Biological Activities of Zoapatle (Montanoa Spp.) With Biotechnological Application. [Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas](#), 13(5), 415-436.
- 8 Molina-Martinez, L. M., Gonzalez-Espinosa, C. & Cruz, S. L. (2014). Dissociation of immunosuppressive and nociceptive effects of fentanyl, but not morphine, after repeated administration in mice: Fentanyl-induced sensitization to LPS. [Brain, Behavior and Immunity](#), 42, 60-64.
- *9 Jalife, S., Audiffred, M., Islas, R., Escalante, S., Pan, S., Chattaraj, P. K. & Merino, G. (2014). The Inorganic Analogues of Carbo-Benzene. [Chemical Physics Letters](#), 610, 209-212.
- *10 Uribe-Gutierrez, G., Hernandez-Santos, H., Manjarrez-Zavala, M. E. et al. (2014). Prevalence and Genotypes of the Adenovirus Infection as Well Detection of Co-Infection With Bocavirus in Mexican Immunosuppressed and Non-Immunosuppressed Children With Pneumonia. [Clinical Laboratory](#), 60(8), 1277-1285.
- 11 Lopez-Garcia, L., Perez, L. J. D. & Rodriguez-Henriquez, F. (2014). A Pairing-Based Blind Signature E-Voting Scheme. [Computer Journal](#), 57(10), 1460-1471.

- 12 Cervantes, J., Li, X. O. & Yu, W. (2014). Imbalanced Data Classification Via Support Vector Machines and Genetic Algorithms. [Connection Science](#), 26(4), 335-348.
- 13 Rojano, T., Filloy, E. & Puig, L. (2014). Intertextuality and Sense Production in the Learning of Algebraic Methods. [Educational Studies in Mathematics](#), 87(3), 389-407.
- 14 Benitez-Garcia, I., Vanegas-Espinoza, P. E., Melendez-Martinez, A. J., Heredia, F. J., Paredes-Lopez, O. & Del Villar-Martinez, A. A. (2014). Callus Culture Development of Two Varieties of *Tagetes Erecta* and Carotenoid Production. [Electronic Journal of Biotechnology](#), 17(3), 107-113.
- 15 Cupul, W. C., Abarca, G. H., Carrera, D. M. & Vazquez, R. R. (2014). Enhancement of Ligninolytic Enzyme Activities in a *Trametes Maxima*-*Paecilomyces Carneus* Co-Culture: Key Factors Revealed After Screening Using a Plackett-Burman Experimental Design. [Electronic Journal of Biotechnology](#), 17(3), 114-121.
- 16 Currier, J. M., Ishida, M. C., Gonzalez-Horta, C. et al. (2014). Associations Between Arsenic Species in Exfoliated Urothelial Cells and Prevalence of Diabetes Among Residents of Chihuahua, Mexico. [Environmental Health Perspectives](#), 122(10), 1088-1094.
- 17 Gonzalez-Valencia, R., Magana-Rodriguez, F., Gerardo-Nieto, O., Sepulveda-Jauregui, A., Martinez-Cruz, K., Anthony, K. W., Baer, D. & Thalasso, F. (2014). In Situ Measurement of Dissolved Methane and Carbon Dioxide in Freshwater Ecosystems by Off-Axis Integrated Cavity Output Spectroscopy. [Environmental Science & Technology](#), 48(19), 11421-11428.
- *18Quanjer, P. H., Capderou, A., Mazicioglu, M. M. et al. (2014). All-Age Relationship Between Arm Span and Height in Different Ethnic Groups. [European Respiratory Journal](#), 44(4), 905-912.
- 19 Tapia, E., Sanchez-Lozada, L. G., Garcia-Nino, W. R. et al. (2014). Curcumin Prevents Maleate-Induced Nephrotoxicity: Relation to Hemodynamic Alterations, Oxidative Stress, Mitochondrial Oxygen Consumption and Activity of Respiratory Complex I. [Free Radical Research](#), 48(11), 1342-1354.
- 20 Gonzalez-Prieto, J. M., Rosas-Quijano, R., Dominguez, A. & Ruiz-Herrera, J. (2014). The *Umgcn5* Gene Encoding Histone Acetyltransferase From *Ustilago Maydis* Is Involved in Dimorphism and Virulence. [Fungal Genetics and Biology](#), 71, 86-95.
- 21 Valdez, R. A., Jimenez, P., Presas, A. M. F., Aguilar, L., Willms, K. & Romano, M. C. (2014). *Taenia Solium* Tapeworms Synthesize Corticosteroids and Sex Steroids in Vitro. [General and Comparative Endocrinology](#), 205, 62-67.
- *22Madrigal, D., Torres, G. & Ramos, F. (2014). A Bio-Inspired Cognitive Architecture of the Motor System for Virtual Creatures. [Ieice Transactions on Information and Systems](#), E97D(8), 2055-2056.
- 23 Estrada, N., Ascencio, F., Shoshani, L. & Contreras, R. G. (2014). Apoptosis of hemocytes from lions-paw scallop *Nodipecten subnodosus* induced with paralyzing shellfish poison from *Gymnodinium catenatum*. [Immunobiology](#), 219(12), 964-974.

24 Lara-Vazquez, A. R., Sanchez, A. & Valdez-Vazquez, I. (2014). Hydration treatments increase the biodegradability of native wheat straw for hydrogen production by a microbial consortium. [International Journal of Hydrogen Energy](#), 39(35), 19899-19904.

25 Sanchez, V. M., Chavez-Ramirez, A. U., Duron-Torres, S. M., Hernandez, J., Arriaga, L. G. & Ramirez, J. M. (2014). Techno-Economical Optimization Based on Swarm Intelligence Algorithm for a Stand-Alone Wind-Photovoltaic-Hydrogen Power System at South-East Region of Mexico. [International Journal of Hydrogen Energy](#), 39(29), 16646-16655.

*26 Bravo, M., Rodriguez, J. & Pascual, J. (2014). Sdws: Semantic Description of Web Services. [International Journal of Web Services Research](#), 11(2), 1-23.

27 Esparza, R., Tellez-Vazquez, O., Rodriguez-Ortiz, G., Angeles-Pascual, A., Velumani, S. & Perez, R. (2014). Atomic Structure Characterization of Au-Pd Bimetallic Nanoparticles by Aberration-Corrected Scanning Transmission Electron Microscopy. [Journal of Physical Chemistry C](#), 118(38), 22383-22388.

28 Salinas-Peba, L., Parra-Tabla, V., Campo, J. & Munguia-Rosas, M. A. (2014). Survival and Growth of Dominant Tree Seedlings in Seasonally Tropical Dry Forests of Yucatan: Site and Fertilization Effects. [Journal of Plant Ecology](#), 7(5), 470-479.

29 Martinez-Salazar, M., Lopez-Urrutia, E., Arechaga-Ocampo, E. et al. (2014). Biochemical and proteomic analysis of spliceosome factors interacting with intron-1 of human papillomavirus type-16. [Journal of Proteomics](#), 111, 184-197.

30 Valdes, J., Nozaki, T., Sato, E. et al. (2014). Proteomic analysis of Entamoeba histolytica in vivo assembled pre-mRNA splicing complexes. [Journal of Proteomics](#), 111, 30-45.

31 Gomez-De Leon, C. T., Diaz-Martin, R. D., Mendoza-Hernandez, G., Gonzalez-Pozos, S., Ambrosio, J. R. & Mondragon-Flores, R. (2014). Proteomic characterization of the subpellicular cytoskeleton of Toxoplasma gondii tachyzoites. [Journal of Proteomics](#), 111, 86-99.

32 Bolanos, V., Diaz-Martinez, A., Soto, J., Rodriguez, M. A., Lopez-Camarillo, C., Marchat, L. A. & Ramirez-Moreno, E. (2014). The flavonoid (-)-epicatechin affects cytoskeleton proteins and functions in Entamoeba histolytica. [Journal of Proteomics](#), 111, 74-85.

33 Aranda, D. A., Diaz, M. E., Reynoso, F. L., Brule, T., Montero, J. & Cardenas, E. B. (2014). Reproductive Strategies of the Eastern Oyster Crassostrea Virginica (Gmelin 1791) in Tropical Lagoons of the Mexican Gulf of Mexico. [Journal of Shellfish Research](#), 33(1), 145-152.

34 Velazco, G., Almanza, J. M., Cortes, D. A., Escobedo, J. C. & Escalante-Garcia, J. I. (2014). Effect of the Strontium Aluminate and Hemihydrate Contents on the Properties of a Calcium Sulphoaluminate Based Cement. [Materiales De Construccion](#), 64(315), E024.

35 Gallardo, M., Almanza, J. M., Cortes, D. A., Escobedo, J. C. & Escalante-Garcia, J. (2014). Synthesis and Mechanical Properties of a Calcium Sulphoaluminate Cement Made of Industrial Wastes. [Materiales De Construccion](#), 64(315), E023.

36 Nava, P., Kamekura, R., Quiros, M. et al. (2014). Ifn Gamma-Induced Suppression of Beta-Catenin Signaling: Evidence for Roles of Akt and 14.3.3 Zeta. [Molecular Biology of the Cell](#), 25(19), 2894-2904.

37 Martinez-Medina, L. A. & Matos, T. (2014). Scalar Field Dark Matter Mass Model and Evolution of Rotation Curves for Low Surface Brightness Galaxies. [Monthly Notices of the Royal Astronomical Society](#), 444(1), 185-191.

*38Hernandez-Hernandez, J. D., Garcia-Gutierrez, H. A., Roman-Marin, L. U., Torres-Blanco, Y. I., Cerda-Garcia-Rojas, C. M. & Joseph-Nathan, P. (2014). Absolute Configuration of Cembrane Diterpenoids From Bursera Multijuga. [Natural Product Communications](#), 9(9), 1249-1252.

39 Bray, A. F., Cevallos, R. R., Gazarian, K. & Lamas, M. (2014). Human Dental Pulp Stem Cells Respond to Cues From the Rat Retina and Differentiate to Express the Retinal Neuronal Marker Rhodopsin. [Neuroscience](#), 280, 142-155.

*40Antunez, C. A. V., Chayeb, L. T., Rodriguez-Segura, M. A., Alvarez, G. S. L., Garcia-Cuellar, C. M. & Trevino, S. V. (2014). Dna Methyltransferases 3a and 3b Are Differentially Expressed in the Early Stages of a Rat Liver Carcinogenesis Model. [Oncology Reports](#), 32(5), 2093-2103.

41 Rockwell, E. (2014). From Internal Unravelling to Transnational Assembling: Histories of Education in Mexico. [Paedagogica Historica](#), 50(6), 797-804.

42 Jacobo-Cabral, C. O., Garcia-Roca, P., Reyes, H., Lozada-Rojas, L., Cruz-Antonio, L., Medeiros, M. & Castaneda-Hernandez, G. (2014). Limustin (R), a Non-Innovator Tacrolimus Formulation, Yields Reduced Drug Exposure in Pediatric Renal Transplant Recipients. [Pediatric Transplantation](#), 18(7), 706-713.

43 Cardenas-Aquino, M. R., Salomon-Hernandez, G., Aguilar-Chavez, A., Luna-Guido, M. L., Marsch, R. & Dendooven, L. (2014). Anthracene Removal and Mineral N Dynamics in a Surfactant-Amended Soil. [Pedosphere](#), 24(6), 783-790.

44 Perez-Vargas, J. E., Zarco, N., Shibayama, M., Segovia, J., Tsutsumi, V. & Muriel, P. (2014). Hesperidin Prevents Liver Fibrosis in Rats by Decreasing the Expression of Nuclear Factor-Kappa B, Transforming Growth Factor-Beta and Connective Tissue Growth Factor. [Pharmacology](#), 94(1-2), 80-89.

45 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2014). Constraints on Models for the Higgs Boson With Exotic Spin and Parity in $Vh \rightarrow Vb(B)\overline{\text{Bar}}$ Final States. [Physical Review Letters](#), 113(16), 161802.

46 Abazov, V. M., Abbott, B., Acharya, B. S. et al. (2014). Measurement of the Differential Gamma+2b-Jet Cross Section and the Ratio $\sigma(\text{Gamma}+2b\text{-Jets})/\sigma(\text{Gamma Plus B-Jet})$ in $P(P)\overline{\text{Bar}}$ Collisions at $\sqrt{s}=1.96$ Tev. [Physics Letters B](#), 737, 357-365.

47 Marsch-Martinez, N., Zuniga-Mayo, V. M., Herrera-Ubaldo, H. et al. (2014). The Ntt Transcription Factor Promotes Replum Development in Arabidopsis Fruits. [Plant Journal](#), 80(1), 69-81.

48 Rocha, S. C., Pessoa, M. T. C., Neves, L. D. R. et al. (2014). 21-Benzylidene Digoxin: a Proapoptotic Cardenolide of Cancer Cells That up-Regulates Na, K-ATPase and Epithelial Tight Junctions. [Plos One](#), 9(10), e108776.

49 Carvajal-Gamez, B. I., Quintas-Granados, L. I., Arroyo, R., Vazquez-Carrillo, L. I., Ramon-Luing, L. D. A., Carrillo-Tapia, E. & Alvarez-Sanchez, M. E. (2014). Putrescine-Dependent Re-Localization of Tvcp39, a Cysteine Proteinase Involved in Trichomonas Vaginalis Cytotoxicity. [Plos One](#), 9(9), e107293.

50 Bahri, A., Bendersky, M., Cohen, F. R. & Gitler, S. (2014). On the Rational Type of Moment-Angle Complexes. [Proceedings of the Steklov Institute of Mathematics](#), 286(1), 219-223.

51 Galindo-Hernandez, O., Serna-Marquez, N., Castillo-Sanchez, R. & Perez-Salazar, E. (2014). Extracellular vesicles from MDA-MB-231 breast cancer cells stimulated with linoleic acid promote an EMT-like process in MCF10A cells. [Prostaglandins Leukotrienes and Essential Fatty Acids](#), 91(6), 299-310.

52 Romero-Pimentel, A. L., Vazquez-Roque, R. A., Camacho-Abrego, I., Hoffman, K. L., Linares, P., Flores, G. & Manjarrez, E. (2014). Histological correlates of N40 auditory evoked potentials in adult rats after neonatal ventral hippocampal lesion: animal model of schizophrenia. [Schizophrenia Research](#), 159(2-3), 450-457.

53 Gonzalez-Gutierrez, J., Carrillo-Estrada, J. L. & Ruiz-Suarez, J. C. (2014). Penetration of Granular Projectiles Into a Water Target. [Scientific Reports](#), 4, 6762.

54 Galaviz-Mosqueda, A., Villarreal-Reyes, S., Galeana-Zapien, H., Rubio-Loyola, J. & Covarrubias-Rosales, D. H. (2014). Reliable Multihop Broadcast Protocol With a Low-Overhead Link Quality Assessment for Its Based on Vanets in Highway Scenarios. [Scientific World Journal](#), 2014, 359636.

55 Dominguez, R. B., Moreno-Baron, L., Munoz, R. & Gutierrez, J. M. (2014). Voltammetric Electronic Tongue and Support Vector Machines for Identification of Selected Features in Mexican Coffee. [Sensors](#), 14(9), 17770-17785.

56 Czajkowska-Szczykowska, D., Jastrzebska, I., Santillan, R. & Morzycki, J. W. (2014). The synthesis of disteroidal macrocyclic molecular rotors by an RCM approach. [Tetrahedron](#), 70(49), 9427-9435.

57 Buendia-Trujillo, A. I., Torres-Valencia, J. M., Joseph-Nathan, P. & Burgueno-Tapia, E. (2014). The absolute configuration of angular 3'-acyloxypranocoumarins by vibrational circular dichroism exciton chirality. [Tetrahedron: Asymmetry](#), 25(20-21), 1418-1423.

58 Estrada, M., Gutierrez-Heredia, G., Cerdeira, A., Alvarado, J., Garduno, I., Tinoco, J., Mejia, I. & Quevedo-Lopez, M. (2014). Temperature dependence of the electrical characteristics of low-temperature processed zinc oxide thin film transistors. [Thin Solid Films](#), 573, 18-21.

*59 Flores, W. G., Pereira, W. C. D. & Infantosi, A. F. C. (2014). Breast Ultrasound Despeckling Using Anisotropic Diffusion Guided by Texture Descriptors. [Ultrasound in Medicine and Biology](#), 40(11), 2609-2621.

60 Ordaz-Cortes, A., Thalasso, F., Salgado-Manjarrez, E. & Garibay-Orijel, C. (2014). Treatment of Wastewater Containing High Concentrations of Terephthalic Acid by Comamonas Sp. And Rhodococcus Sp.: Kinetic and Stoichiometric Characterization. [Water and Environment Journal](#), 28(3), 393-400.

61 Gastelum-Arellanez, A., Paredes-Lopez, O. & Olalde-Portugal, V. (2014). Extracellular Endoglucanase Activity From Paenibacillus Polymyxa Beb-40: Production, Optimization and Enzymatic Characterization. [World Journal of Microbiology & Biotechnology](#), 30(11), 2953-2965.

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

62 Viveros, A. M., Rubio, E. H. & Ceballos, D. E. V. (2014). Equivalence of Navigation Widgets for Mobile Platforms. [Lecture Notes in Computer Science](#), 8518, 269-278.

63 Santillan, M. (2014). Brief Introduction to Chemical Kinetics. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 1-6.

64 Santillan, M. (2014). Brief Introduction to Thermodynamics. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 7-14.

65 Santillan, M. (2014). Cooperativity. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 77-90.

66 Santillan, M. (2014). Different Approaches to Analyzing a Simple Chemical Reaction. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 15-28.

67 Santillan, M. (2014). Enzymatic Reactions. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 51-60.

68 Santillan, M. (2014). Gene Expression and Regulation. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 91-106.

69 Santillan, M. (2014). Ion Channel Dynamics and Ion Transport Across Membranes. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 107-122.

70 Santillan, M. (2014). Molecule Synthesis and Degradation. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 29-49.

71 Santillan, M. (2014). Receptor-Ligand Interaction. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. 61-76.

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

72 Santillan, M. (2014). Chemical Kinetics, Stochastic Processes, and Irreversible Thermodynamics Preface. [Lecture Notes on Mathematical Modelling in the Life Sciences](#), pp. VII-+.

73 Landero, M. M., Liceaga-Correa, M. D. & Morales-Vela, B. (2014). Ecological Distribution of Manatee (*Trichechus Manatus Manatus*) in Bahia De La Ascension, Mexico. [Marine Mammal Science](#), 30(4), 1581-1588.

74 Del Toro-De Leon, G., Garcia-Aguilar, M. & Gillmor, C. S. (2014). Non-Equivalent Contributions of Maternal and Paternal Genomes to Early Plant Embryogenesis. [Nature](#), 514(7524), 624-+.

7

[ARTÍCULOS G] – RESÚMENES PUBLICADOS EN REVISTAS

75 Aguilar-Lemarroy, A., Ramos-Solano, M., Meza-Canales, I. D., Torres-Reyes, L. A., Alvarado-Ruiz, L., Alvarez-Zavala, M., Gariglio, P. & Jave-Suarez, L. F. (2014). Expression Levels of Wnt Genes in Cervical Cancer-Derived Cell Lines: Wnt7a Is Down-Regulated and Its Overexpression Inhibits Cell Proliferation. [Anticancer Research](#), 34(10), 5794-5795.

76 Hernandez, O. G., Vazquez, M. C. G., Gutierrez, C. V. A., Hernandez, O. D. R., Martinez, M. S. & Salazar, E. P. (2014). Levels of Microvesicles Isolated From Blood of Breast Cancer Patients Is Higher Than in Healthy Women. [Anticancer Research](#), 34(10), 5914-5915.

77 Reyes-Urbe, E., Cortes-Reynosa, P. & Perez-Salazar, E. (2014). Native Type Iv Collagen Induces Migration Through a Pi3k/Akt-Dependent Pathway in Mda-Mb-231 Breast Cancer Cells. [Anticancer Research](#), 34(10), 6133.

78 Marquez, N. S., Comonfort, S. V., Hernandez, O. G., Tito, N. N. & Salazar, E. P. (2014). Role of Loxs and Cox-2 in Fak Activation and Cell Migration Induced by Linoleic Acid in Mda-Mb-231 Cancer Cells. [Anticancer Research](#), 34(10), 6159.

79 Oviedo-Solis, C. I., Sandoval-Salazar, C., Maldonado-Aguilera, G., Lozoya-Gloria, E., Aguilar-Zavala, H., Perez-Vazquez, V. & Ramirez-Emiliano, J. (2014). Effect of UV-Irradiated Strawberry Extracts on Oxidative Stress in Vitro and in Liver of Obese Rats. [Free Radical Biology and Medicine](#), 76(S1), S87.

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

80 Guerrero-Hernandez, A., Gallegos-Gomez, M. L., Sanchez-Vazquez, V. H. & Lopez-Mendez, M. C. (2014). Acidic intracellular Ca²⁺ stores and caveolae in Ca²⁺ signaling and diabetes. [Cell Calcium](#), 56(5), 323-331.

81 Pereira, L., Ruiz-Hurtado, G., Rueda, A., Mercadier, J. J., Benitah, J. P. & Gomez, A. M. (2014). Calcium signaling in diabetic cardiomyocytes. [Cell Calcium](#), 56(5), 372-380.

82 Guerrero-Hernandez, A. & Verkhatsky, A. (2014). Calcium signalling in diabetes. [Cell Calcium](#), 56(5), 297-301.

83 Guerrero-Hernandez, A., Leon-Aparicio, D., Chavez-Reyes, J., Olivares-Reyes, J. A. & De Jesus, S. (2014). Endoplasmic reticulum stress in insulin resistance and diabetes: Calcium in diabetes. [Cell Calcium](#), 56(5), 311-322.

84 Avila, G., Osornio-Garduno, D. S., Rios-Perez, E. B. & Ramos-Mondragon, R. (2014). Functional and structural impact of pirfenidone on the alterations of cardiac disease and diabetes mellitus. [Cell Calcium](#), 56(5), 428-435.

85 Fernandez, M. S. (2014). Human IAPP amyloidogenic properties and pancreatic Beta-cell death. [Cell Calcium](#), 56(5), 416-427.

86 Abelev, B., Abramyan, A., Adam, J. et al. (2014). Performance of the Alice Experiment at the Cern Lhc. [International Journal of Modern Physics A](#), 29(24), 1430044.

87 Paz-Rios, C. E., Guerra-Garcia, J. M. & Ardisson, P. L. (2014). Caprellids (Crustacea: Amphipoda) From the Gulf of Mexico, With Observations on Deutella Mayeri, Redescription of Metaprotella Hummelincki, a Taxonomic Key and Zoogeographical Comments. [Journal of Natural History](#), 48(41-42), 2517-2578.

88 Ortiz-Martinez, M., Winkler, R. & Garcia-Lara, S. (2014). Preventive and therapeutic potential of peptides from cereals against cancer. [Journal of Proteomics](#), 111, 165-183.

89 Heil, M. (2014). Herbivore- Induced Plant Volatiles: Targets, Perception and Unanswered Questions. [New Phytologist](#), 204(2), 297-306.

90 Larre, I., Ponce, A., Franco, M. & Cerejido, M. (2014). The emergence of the concept of tight junctions and physiological regulation by ouabain. [Seminars in Cell & Developmental Biology](#), 36, 149-156.

91 Gonzalez-Mariscal, L., Dominguez-Calderon, A., Raya-Sandino, A., Ortega-Olvera, J. M., Vargas-Sierra, O. & Martinez-Revollar, G. (2014). Tight junctions and the regulation of gene expression. [Seminars in Cell & Developmental Biology](#), 36, 213-223.