

ARTÍCULOS PUBLICADOS DEL 15 DE NOVIEMBRE DE 2017- 15 DE ENERO DE 2018

Investigadores y estudiantes del IICBA

N°	TÍTULO	AUTORES	PUBLICACIÓN	CENTRO DE INV.	DOI
1	Necessary fredholm conditions for weighted singular integral operators with shifts and slowly oscillating data	Karlovich, AY; Karlovich, YI ; Lebre, AB	JOURNAL OF INTEGRAL EQUATIONS AND APPLICATIONS Volumen: 29 Número: 3 Páginas: 365-399	CInC	https://doi.org/10.1216/JIE-2017-29-3-365
2	Lysine acetylation stoichiometry and proteomics analyses reveal pathways regulated by sirtuin 1 in human cells	Gil, J., Ramírez-Torres, A., Chiappe, D., Luna-Penáloza, J., Fernandez-Reyes, F.C. , Arcos-Encarnación, B., Contreras, S., Encarnación-Guevara, S.	Journal of Biological Chemistry, 292(44), pp. 18129-18144.	CInC	https://doi.org/10.1074/jbc.M117.784546
3	Intra-miniband absorption coefficient in GaAs/AlxGa1-xAs core/shell spherical quantum dot	Rodríguez-Magdaleno, K.A. , Pérez-Álvarez, R., Martínez-Orozco, J.C.	Journal of Alloys and Compounds, 736, pp. 211-215.	CInC	https://doi.org/10.1016/j.jallcom.2017.11.091
4	Improved composition of hawaian basalt BHVO-1 from the application of two new and three conventional recursive discordancy tests	Verma, S.P., Rosales-Rivera, M. , Díaz-González, L. , Quiroz-Ruiz, A.	Turkish Journal of Earth Sciences, 26(5), pp. 331-353.	CInC	https://doi.org/10.3906/yer-1703-16
5	Optical Absorption and Electroabsorption Related to Electronic and Single Dopant Transitions in Holey Elliptical GaAs Quantum Dots	Vinasco, J.A., Londoño, M.A., Restrepo, R.L., Mora-Ramos, M.E. , Feddi, E.M., Radu, A., Kasapoglu, E., Morales, A.L., Duque, C.A.	Physica Status Solidi (B) Basic Research. Articles not published yet, but available online Article in Press	CInC	https://doi.org/10.1002/pssb.201700470
6	Collision induced electron detachment cross sections of the H2CC-anion below 10 keV on O2and N2	Hernández, E.M. , Hinojosa, G.	International Journal of Mass Spectrometry, 424, pp. 35-39.	CInC	https://doi.org/10.1016/j.ijms.2017.11.013
7	Theoretical study of phosphorene multilayers: optical properties and small organic molecule physisorption	Ospina, D.A., Duque, C.A., Mora-Ramos, M.E. , Correa, J.D.	Journal of Materials Science, pp. 1-11. Articles not published yet, but available online Article in Press	CInC	https://doi.org/10.1007/s10853-017-1910-z
8	Ionization and Electron Capture for H+Collisions with CO at low keV Energy	López-Patiño, J., Fuentes, B.E., Yousif, F.B. , Martínez, H.	Physics Procedia, 90, pp. 391-398.	CInC	https://doi.org/10.1016/j.phpro.2017.10.001
9	One-sided invertibility of discrete operators and their applications	Asekritova, I., Karlovich, Y. , Kruglyak, N.	Aequationes Mathematicae, pp. 1-35. Articles not published yet, but available online Article in Press	CInC	https://doi.org/10.1007/s00010-017-0522-7
10	Multiple scaling behaviour and nonlinear traits in music scores	González-Espinoza, A. , Larralde, H., Martínez-Mekler, G., Müller, M.	Royal Society Open Science, 4(12), art. no. 171282.	CInC	https://doi.org/10.1098/rsos.171282

11	Graphical representation of model performance as an aid for input selection in greenhouse models	Miranda, L., López-Cruz, I.L., Lara, B., Schmidt, U.	Acta Horticulturae, 1182, pp. 227-234.	CInC	https://doi.org/10.17660/ActaHortic.2017.1182.27
12	Probabilistic quality estimations for combinatorial optimization problems	Vakhania, N.	Georgian Mathematical Journal. Articles not published yet, but available online Article in Press	CInC	https://doi.org/10.1515/gmj-2017-0041
13	C*-algebras of Bergman Type Operators with Piecewise Continuous Coefficients Over Domains with Dini-Smooth Corners	Espinoza-Loyola, E., Karlovich, Y.I.	Complex Analysis and Operator Theory, pp. 1-42. Articles not published yet, but available online Article in Press	CInC	https://doi.org/10.1007/s11785-017-0760-7
14	General bounds in Hybrid Natural Inflation	Germán, G., Herrera-Aguilar, A., Hidalgo, J.C., Sussman, R.A., Tapiá, J.	Journal of Cosmology and Astroparticle Physics, 2017(12), art. no. 003.	CInC	https://doi.org/10.1088/1475-7516/2017/12/003
15	Austenite and forging effects on 18Cr-18Mn stainless steel impedance	Reyes-Hernández, R., Torres-Islas, A., Serna, S., Molina-Ocampo, A., Colin, J., Bedolla, A.	South African Journal of Chemistry, 70, pp. 108-112.	CIICAp	https://doi.org/10.17159/0379-4350/2017/v70a15
16	States of direct and indirect excitons in strained zinc-blende GaN/InGaN asymmetric quantum wells	Rojas-Briseño, J.G., Martínez-Orozco, J.C., Mora-Ramos, M.E.	Superlattices and Microstructures, 112, pp. 574-583.	CIICAp	https://doi.org/10.1016/j.spmi.2017.10.017
17	Large time-asymmetric quantum fluctuations in amplitude-intensity correlation measurements of V-type three-level atom resonance fluorescence	Gutiérrez, L., Castro-Beltrán, H.M., Román-Ancheyta, R., Horvath, L.	Optical Society of America B: Optical Physics, 34(11)	CIICAp	https://doi.org/10.1364/JOSAB.34.002301
18	Modeling of electro-Fenton process	Alvarez-Gallegos, A.A., Silva-Martínez, S.	Handbook of Environmental Chemistry, 61, pp. 287-312.	CIICAp	https://doi.org/10.1007/698_2017_73
19	Digital image correlation applied to analyze the stress-strain evolution of structural materials under compression	Heredia, A.S., Aguilar, P.A.M., Ocampo, A.M.	Digital Image Correlation: Advanced Methods and Applications, pp. 85-110	CIICAp	https://www.scopus.com/record/display.uri?eid=2-s2.0-85034011164&origin=SingleRecordEmailAlert&dgcid=raven_sc_search_en_us_email&txGid=ff95643a252ca8fc48d6f03250dc32ed
20	Closed cycle of recycling of waste activated sludge	Vlasova, M., Parra Parra, A., Márquez Aguilar, P.A., Trujillo Estrada, A., González Molina, V., Kakazey, M., Tomila, T., Gómez-Vidales, V.	Waste Management. Articles not published yet, but available online Article in Press	CIICAp	https://doi.org/10.1016/j.wasman.2017.10.051
21	A hybrid method for solar cell parameter estimation	Ayala-Matós, F., Seuret-Jiménez, D., Escobedo-Alatorre, J.J., Vigil-Galán, O., Courel, M.	Journal of Renewable and Sustainable Energy, 9(6), art. no. 063504.	CIICAp	https://doi.org/10.1063/1.4985953

22	Use of <i>Salvia hispanica</i> as an eco-friendly corrosion inhibitor for bronze in acid rain	Larios-Galvez, A.K., Porcayo-Calderon, J., Salinas-Bravo, V.M., Chacon-Nava, J.G., Gonzalez-Rodríguez, J.G., Martinez-Gomez, L.	Anti-Corrosion Methods and Materials, 64(6), pp. 654-663.	CIICAp	https://doi.org/10.1108/ACMM-02-2017-1760
23	Experimental and theoretical study of Ketoconazole as corrosion inhibitor for bronze in NaCl+Na2SO4Solution	Millan-Ocampo, D.E., Hernandez-Perez, J.A., Porcayo-Calderon, J., los Ríos, J.P.F.-D., Landeros-Martínez, L.L., Salinas-Bravo, V.M., Gonzalez-Rodríguez, J.G., Martinez, L.	International Journal of Electrochemical Science, 12(12), pp. 11428-11445.	CIICAp	https://doi.org/10.20964/2017.12.22
24	Heat transfer coefficients for helical components inside an Absorption Heat Transformer	Demesa, N., Hernández, J.A., Siqueiros, J., Huicochea, A.	International Journal of Heat and Mass Transfer, 120, pp. 342-349.	CIICAp	https://doi.org/10.1016/j.ijheatmasstransfer.2017.12.038
25	Collapse of the surface dusty plasma waves under the plasma-beam instability	Grimalsky, V., Kotsarenko, A., Koshevaya, S., Escobedo-a, J.	European Physical Journal D, 71(12), art. no. 320.	CIICAp	https://doi.org/10.1140/epjd/e2017-80397-9
26	Controlling the optical absorption properties of δ -FETs by means of contact voltage and hydrostatic pressure effects	Oubram, O., Navarro, O., Rodriguez-Vargas, I., Gaggero, L.M., Noverola, H.G.	Superlattices and Microstructures. Articles not published yet, but available online Article in Press	CIICAp	https://doi.org/10.1016/j.spmi.2017.11.062
27	Influence of the FeO(OH) nanoparticles concentration in the in-situ synthesis of P3HT	Fuentes-Pérez, M., Nicho, M.E., Sotelo-Lerma, M., Fuentes-Ríos, J.L., Castrellón-Uribe, J., León-Silva, U., Hernández-Guzmán, F., García-Carvajal, S.	European Polymer Journal, 99, pp. 172-179.	CIICAp	https://doi.org/10.1016/j.eurpolymj.2017.12.015
28	Key clinical factors predicting adipokine and oxidative stress marker concentrations among normal, overweight and obese pregnant women using artificial neural networks	Solis-Paredes, M., Estrada-Gutierrez, G., Perichart-Perera, O., Montoya-Estrada, A., Guzmán-Huerta, M., Borboa-Olivares, H.r, Bravo-Flores, E., Cardona-Pérez, A., Zaga-Clavellina, V., Garcia-Latorre, E., Gonzalez-Perez, G.r, Hernández-Pérez, J.A, Irlés, C.	International Journal of Molecular Sciences, 19(1), art. no. 86.	CIICAp	https://doi.org/10.3390/ijms19010086
29	Dynamics retardation in hybrid POSS-NIPAm nanocomposites. Thermoplastic and thermally-responsive hydrogel behavior	Romo-Uribe, A., Albanil, L.	European Polymer Journal, 99, pp. 350-360.	CIICAp	https://doi.org/10.1016/j.eurpolymj.2017.12.033
30	Rice bran as source for the synthesis of imidazoline-type inhibitors: Synthesis and corrosion performance	Reyes-Dorantes, E., Zúñiga-Díaz, J., Quinto-Hernández, A., Porcayo-Calderon, J., Gonzalez-Rodríguez, J.G., Pedraza-Basulto, G.K., Martínez-Gomez, L.	International Journal of Electrochemical Science, 13(1), pp. 101-118.	CIICAp	https://doi.org/10.20964/2018.01.19
31	Excitation of short monopulses in nitride films under negative differential conductivity	Grimalsky, V., Koshevaya, S., Sanchez, J.-S., Rapoport, Y.	MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, art. no. 8075050, pp. 151-154.	CIICAp	https://doi.org/10.1109/MRRS.2017.8075050
32	Different geometries of electromagnetic superheterodyne amplification in nitride films	Koshevaya, S., Grimalsky, V., Escobedo, J.-A., Jatirian, E.-F., Rapoport, Y.	MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, art. no. 8075052, pp. 159-162.	CIICAp	https://doi.org/10.1109/MRRS.2017.8075052

33	Replacement of oxidizable residues predicted by QM-MM simulation of a fungal laccase generates variants with higher operational stability	Avelar, M., Pastor, N. , Ramirez-Ramirez, J., Ayala, M	Journal of Inorganic Biochemistry, 178, pp. 125-133.	CIDC	https://doi.org/10.1016/j.jinorgbio.2017.10.007
34	Stabilization of Trans Disilyl Coordination at Square-Planar Platinum Complexes	Cuevas-Chávez, C; Zamora-Moreno J; , Muñoz-Hernández, M; Bijani , C ;Sabo-Etienne S; Montiel-Palma, V.	Organometallics, Articles ASAP (As Soon As Publishable)	CIQ	https://doi.org/10.1021/acs.organomet.7b00566
35	Hydrogen bond assisted interaction of glutamine with chromium (III) complex of 8-hydroxyquinoline: Experimental and theoretical studies	Narayanan, J., Carlos-Alberto, A.H., Arturo, L.M., Höpfel, H. , Enrique-Fernando, V.C., Fernando, R.A., Fernando-Toyohiko, W.K., Velazquez-Lopez, J.E., Lesli, A.O	Journal of Molecular Structure, 1155, pp. 831-842.	CIQ	https://doi.org/10.1016/j.molstruc.2017.11.056
36	First and Highly Stereoselective Synthesis of Both Enantiomers of Octahydroindole-2-phosphonic Acid (OicP)	Viveros-Ceballos, J.L., Martínez-Toto, E.I., Eustaquio-Armenta, C., Cativiela, C., Ordóñez, M.	European Journal of Organic Chemistry, 2017(45), pp. 6781-6787.	CIQ	https://doi.org/10.1002/ejoc.201701330
37	Chemical composition of Helietta parvifolia and its in vitro anticholinesterase activity	Gómez-Calvario, V., Ramírez-Cisneros, M.Á., Acevedo-Quiroz, M., Rios, M.Y.	Natural Product Research, pp. 1-4. Articles not published yet, but available online Article in Press	CIQ	https://doi.org/10.1080/14786419.2017.1410808
38	The direct and highly diastereoselective synthesis of 3,4-epoxy-2-piperidones. Application to the total synthesis and absolute configurational assignment of 3 α ,4 α -epoxy-5 β -pipermethystine	Osorio-Nieto, U., Vázquez-Amaya, L.Y., Höpfel, H. , Quintero, L., Sartillo-Piscil, F.	Organic and Biomolecular Chemistry, 16(1), pp. 77-88.	CIQ	https://doi.org/10.1039/c7ob02700a
39	Sulfur-Containing Aristoloxazines and Other Constituents of the Roots of Aristolochia orbicularis	Rios, M.Y. , Navarro, V., Ramírez-Cisneros, M.Á. , Salazar-Rios, E.	Journal of Natural Products, 80(12), pp. 3112-3119.	CIQ	https://doi.org/10.1021/acs.jnatprod.7b00226