Luz MarÃa RodrÃguez-Valdez

List of Publications by Year
in descending order

28	667	933447 10	552781 26
papers	citations	h-index	g-index

28	28	28	770
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rhamnolipids from Pseudomonas aeruginosa Rn19a Modifies the Biofilm Formation over a Borosilicate Surface by Clinical Isolates. Coatings, 2021, 11, 136.	2.6	8
2	The Oxidative Process of Acarbose, Maysin, and Luteolin with Maltase-Glucoamylase: Molecular Docking and Molecular Dynamics Study. Applied Sciences (Switzerland), 2021, 11, 4067.	2.5	1
3	A Potential Inhibition Process of Ricin Protein with the flavonoids Quercetin and Epigallocatechin Gallate. A Quantum-Chemical and Molecular Docking Study. Processes, 2020, 8, 1393.	2.8	3
4	Analysis of the Molecular Interactions between Cytochromes P450 3A4 and 1A2 and Aflatoxins: A Docking Study. Applied Sciences (Switzerland), 2019, 9, 2467.	2.5	4
5	Inhibitory effect of saccharides and phenolic compounds from maize silks on intestinal Î±â€glucosidases. Journal of Food Biochemistry, 2019, 43, e12896.	2.9	9
6	Theoretical analysis of the electronic properties in Zinc-porphyrins derivatives. Journal of Molecular Structure, 2019, 1191, 259-270.	3.6	9
7	Synthesis of exo-Imidazolidin-2-one Dienes, Their Isomerization, and Selectivity in Dielsâ€“Alder Cycloadditions. Journal of Organic Chemistry, 2018, 83, 5347-5364.	3.2	9
8	Naphtyl- and pyrenyl-flavylium dyads: Synthesis, DFT and optical properties. Journal of Molecular Structure, 2018, 1155, 414-423.	3.6	5
9	Theoretical Characterization by Density Functional Theory (DFT) of Delphinidin 3-O-Sambubioside and Its Esters Obtained by Chemical Lipophilization. Molecules, 2018, 23, 1587.	3.8	14
10	Nueva ruta para la obtencioìn de multiferroicos magnetoeleìctricos monofaìsicos. TECNOCIENCIA (MÃ©xico), 2018, 1, 27-35.	0.2	0
11	Theoretical and experimental analysis of porphyrin derivatives with suitable anchoring groups for DSSC applications. Journal of Porphyrins and Phthalocyanines, 2017, 21, 88-102.	0.8	8
12	Synthesis, electronic, and spectral properties of novel geranylated chalcone derivatives: a theoretical and experimental study. Journal of Molecular Modeling, 2016, 22, 253.	1.8	10
13	Quantitative structure-activity relationship of molecules constituent of different essential oils with antimycobacterial activity against Mycobacterium tuberculosis and Mycobacterium bovis. BMC Complementary and Alternative Medicine, 2015, 15, 332.	3.7	90
14	Unexpected electron acceptor behavior of the 1,3,4-thiadiazole oligomer, a DFT study. Computational and Theoretical Chemistry, 2015, 1068, 109-116.	2.5	3
15	Theoretical calculation of the maximum absorption wavelength for Cyanidin molecules with several methodologies. Computational and Theoretical Chemistry, 2015, 1067, 129-134.	2.5	29
16	Experimental and quantum chemical studies of a novel synthetic prenylated chalcone. Chemistry Central Journal, 2013, 7, 17.	2.6	11
17	DFT calculation of the electronic properties of fluorene-1,3,4-thiadiazole oligomers. Journal of Molecular Modeling, 2013, 19, 3537-3542.	1.8	9
18	A theoretical study of the carbocation formation energy involved in the isomerization of Î±-pinene. Chemical Physics Letters, 2012, 546, 168-170.	2.6	5

#	Article	IF	Citations
19	Computational Study of 3,4-Diphenyl-4-(4-Metoxyphenyl)-1,2,5-Thiadiazoline 1,1-Dioxide for Molecular Photovoltaics. Journal of Computational and Theoretical Nanoscience, 2011, 8, 74-79.	0.4	1
20	Electronic structure study using density functional theory in organic dendrimers. Journal of Molecular Modeling, 2011, 17, 1963-1972.	1.8	8
21	Theoretical study of electronic properties of organic photovoltaic materials. Journal of Computational Chemistry, 2009, 30, 1027-1037.	3.3	18
22	Computational note on the chemical reactivity of pyrrole derivatives. Computational and Theoretical Chemistry, 2009, 912, 119-120.	1.5	11
23	Computational note on the calculation of the dipole moment, polarizability and hyperpolarizability of solanidine. Computational and Theoretical Chemistry, 2008, 849, 122-123.	1.5	2
24	CHIH-DFT computational molecular characterization of phenanthro [9,10-c]-1,2,5-thiadiazole 1,1-dioxide. Computational and Theoretical Chemistry, 2008, 862, 60-65.	1.5	6
25	Molecular structure and substitution effects on diphenylanthrazolines for organic semiconductors: A theoretical study. Computational and Theoretical Chemistry, 2008, 863, 99-104.	1.5	13
26	Computational simulations of the molecular structure and corrosion properties of amidoethyl, aminoethyl and hydroxyethyl imidazolines inhibitors. Corrosion Science, 2006, 48, 4053-4064.	6.6	152
27	Computational simulation of the molecular structure and properties of heterocyclic organic compounds with possible corrosion inhibition properties. Computational and Theoretical Chemistry, 2005, 713, 65-70.	1.5	164
28	CHIH-DFT theoretical study of isomeric thiatriazoles and their potential activity as corrosion inhibitors. Computational and Theoretical Chemistry, 2005, 716, 61-65.	1.5	65