Zeferino GÃ³mez-Sandoval

List of Publications by Year
in descending order

36 papers	349 citations	759190 12 h-index	888047 17 g-index
37 all docs	37 docs citations	37 times ranked	543 citing authors

#	Article	IF	Citations
1	Synthesis, X-ray and complete assignments of 1H and 13C nuclear magnetic resonance data for novel dichloro-1,4-dihydro-1,4-epoxynaphtalene derivatives. Journal of Molecular Structure, 2021, 1224, 129287.	3.6	2
2	Tamoxifen Sensitizes Acute Lymphoblastic Leukemia Cells to Cannabidiol by Targeting Cyclophilin-D and Altering Mitochondrial Ca2+ Homeostasis. International Journal of Molecular Sciences, 2021, 22, 8688.	4.1	5
3	Ground state geometries and stability of impurity doped clusters: LinY (nÂ=Â9â€“13). The role of yttrium atom in electronic and magnetic properties. Chemical Physics Letters, 2021, 779, 138884.	2.6	3
4	Synthesis, crystal structure, antioxidant activity and dft study of 2-aryl-2,3-dihydro-4H-[1,3]thiazino[3,2-a]benzimidazol-4-One. Journal of Molecular Structure, 2020, 1199, 127036.	3.6	17
5	In silico structureâ€based design of GABA B receptor agonists using a combination of docking and QSAR. Chemical Biology and Drug Design, 2019, 94, 1782-1798.	3.2	7
6	Synthesis, structural investigation, antibacterial and DFT studies of complexes derived from a cholesteryl dithiophosphonate ligand with some thio-metallolane and thio-metallocane heterocycles of As(III) and Sb(III). Inorganica Chimica Acta, 2019, 495, 118943.	2.4	4
7	Cytotoxic Acetogenins from the Roots of Annona purpurea. International Journal of Molecular Sciences, 2019, 20, 1870.	4.1	14
8	Magnesium oxide clusters as promising candidates for hydrogen storage. Physical Chemistry Chemical Physics, 2019, 21, 23102-23110.	2.8	19
9	Organotin(IV) compounds derived from ibuprofen and cinnamic acids, an alternative into design of anti-inflammatory by the cyclooxygenases (COX-1 and COX-2) pathway. Journal of Organometallic Chemistry, 2018, 862, 58-70.	1.8	25
10	h function: A protonic take on the numerical <scp>F</scp>ukui function as a graphical descriptor for deprotonation. International Journal of Quantum Chemistry, 2018, 118, e25532.	2.0	2
11	Exploring the Structure, Energetic, and Magnetic Properties of Neutral Small Lithium Clusters Doped with Yttrium: Supermagnetic Atom Research. ACS Omega, 2018, 3, 11252-11261.	3.5	5
12	In silico receptor-based drug design of X,Y-benzenesulfonamide derivatives as selective COX-2 inhibitors. Comptes Rendus Chimie, 2017, 20, 169-180.	0.5	12
13	Conformational analysis of Nâ†'BH₃, Nâ†'BF₃, and N-CH₃⁺complexes with ibuprofen-derivative amides. Heteroatom Chemistry, 2017, 28, e21368.	0.7	1
14	Silicon containing ibuprofen derivatives with antioxidant and anti-inflammatory activities: An in vivo and in silico study. European Journal of Pharmacology, 2017, 814, 18-27.	3.5	10
15	Lactobacillus plantarum WCFS1 Î²-Fructosidase: Evidence for an Open Funnel-Like Channel Through the Catalytic Domain with Importance for the Substrate Selectivity. Applied Biochemistry and Biotechnology, 2016, 180, 1056-1075.	2.9	3
16	Synthesis and Biological Screening of Silicon-Containing Ibuprofen Derivatives: A Study of Their NF-ÎºÎ² Inhibitory Activity, Cytotoxicity, and Their Ability to Bind IKKÎ². Australian Journal of Chemistry, 2016, 69, 662.	0.9	7
17	Computational study of the structure, bonding and reactivity of selected helical metallocenes. Inorganica Chimica Acta, 2015, 438, 203-207.	2.4	6
18	Antiradical capacity of a series of organotin(IV) compounds: A chemical reactivity study in the Density Functional Theory framework. Inorganica Chimica Acta, 2014, 413, 143-148.	2.4	5

#	Article	IF	Citations
19	QSAR study of the DPPHÂ· radical scavenging activity of coumarin derivatives and xanthine oxidase inhibition by molecular docking. Open Chemistry, 2014, 12, 1067-1080.	1.9	13
20	Evaluation of the antiradical activity of hyperjovinol-A utilizing donor-acceptor maps. Journal of Molecular Modeling, 2014, 20, 2337.	1.8	26
21	Shape entropyâ€™s response to molecular ionization. Journal of Molecular Modeling, 2013, 19, 1677-1683.	1.8	11
22	High magnetic moments on binary yttrium-alkali superatoms. Chemical Physics Letters, 2013, 583, 97-102.	2.6	18
23	Synthesis and in Vitro Antioxidant Activity Evaluation of 3-Carboxycoumarin Derivatives and QSAR Study of Their DPPHâ€¢ Radical Scavenging Activity. Molecules, 2012, 17, 14882-14898.	3.8	26
24	Antitumor structureâ€“activity relationship in bis-stannoxane derivatives from pyridine dicarboxylic and benzoic acids. Inorganica Chimica Acta, 2012, 392, 229-235.	2.4	7
25	Estudio de usabilidad de visualizaciÃ³n molecular educativa en un telÃ©fono inteligente. Quimica Nova, 2012, 35, 648-653.	0.3	3
26	Can an eight Ï€-electron bare ring be planar?. Physical Chemistry Chemical Physics, 2011, 13, 20615.	2.8	14
27	X-ray, DFT, FTIR and NMR structural study of 2,3-dihydro-2-(R-phenylacylidene)-1,3,3-trimethyl-1H-indole. Journal of Molecular Structure, 2011, 987, 106-118.	3.6	21
28	Synthesis of Novel Pyridinium Betaine Precursors from exo-Norbornene Dicarboximides. Letters in Organic Chemistry, 2011, 8, 249-257.	0.5	1
29	Renin gene haplotype diversity and linkage disequilibrium in two Mexican and one German population samples. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2011, 12, 231-237.	1.7	6
30	A Helicoid Ferrocene. Inorganic Chemistry, 2009, 48, 2714-2716.	4.0	22
31	IntegraciÃ³n de visualizaciÃ³n cientÃfica molecular en el salÃ³n de clases. Quimica Nova, 2008, 31, 2184-2189.	0.3	0
32	Density Functional Study of 2-[(R-Phenyl)amine]-1,4-naphthalenediones. Journal of Chemical Theory and Computation, 2007, 3, 894-904.	5.3	4
33	Density Functional Study of the Structure and Properties of Cu9 and Cu9-. Journal of Chemical Theory and Computation, 2007, 3, 905-913.	5.3	16
34	2-[(R-phenyl)amine]-1,4-naphthalendiones as photosystem I electron acceptors. Structure-activity relationship of m- and p-PAN compounds with QSAR analysis. Journal of Photochemistry and Photobiology B: Biology, 2006, 83, 105-113.	3.8	7
35	First principle Ïƒ-Ï€ energy separation. Theoretical Chemistry Accounts, 2005, 114, 137-144.	1.4	1
36	Separation of Ïƒ and Ï€ Energies. Journal of Physical Chemistry A, 2005, 109, 1257-1259.	2.5	6