

Alejandro Castro-Alvarez

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

418
citations

1040056

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times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	The Performance of Several Docking Programs at Reproducing Proteinâ€™Macrolide-Like Crystal Structures. <i>Molecules</i> , 2017, 22, 136.	3.8	95
2	Review on Sol-Gel Synthesis of Perovskite and Oxide Nanomaterials. <i>Gels</i> , 2021, 7, 275.	4.5	80
3	High performance single-molecule magnets, Orbach or Raman relaxation suppression?. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2478-2486.	6.0	76
4	Mechanisms behind the enhancement of thermal properties of graphene nanofluids. <i>Nanoscale</i> , 2018, 10, 15402-15409.	5.6	49
5	Importance of the Electron Correlation and Dispersion Corrections in Calculations Involving Enamines, Hemiaminals, and Aminals. Comparison of B3LYP, M06-2X, MP2, and CCSD Results with Experimental Data. <i>Journal of Organic Chemistry</i> , 2015, 80, 11977-11985.	3.2	27
6	Computer-Aided Insight into the Relative Stability of Enamines. <i>Synthesis</i> , 2017, 49, 5285-5306.	2.3	16
7	How Small Amounts of Impurities Are Sufficient to Catalyze the Interconversion of Carbonyl Compounds and Iminium Ions, or Is There a Metathesis through 1,3â€™Oxazetidinium Ions? Experiments, Speculations, and Calculations. <i>Helvetica Chimica Acta</i> , 2014, 97, 1177-1203.	1.6	11
8	Lanthanide SMMs Based on Belt Macrocycles: Recent Advances and General Trends. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	11
9	Further Insight into the Interactions of the Cytotoxic Macrolides Laulimalide and Peloruside A with Their Common Binding Site. <i>ACS Omega</i> , 2018, 3, 1770-1782.	3.5	9
10	NMR and Computational Studies on the Reactions of Enamines with Nitroalkenes That May Pass through Cyclobutanes. <i>ACS Omega</i> , 2019, 4, 18167-18194.	3.5	7
11	Spectroscopic and Thermal Characterization of Extra Virgin Olive Oil Adulterated with Edible Oils. <i>Foods</i> , 2022, 11, 1304.	4.3	7
12	Oxazolidinone/enamine ratios in the reactions of $\hat{\pm}$ -silyloxy and $\hat{\pm}$ -alkoxy aldehydes with proline. <i>Tetrahedron Letters</i> , 2013, 54, 6381-6384.	1.4	6
13	Cytotoxic Effects on Breast Cancer Cell Lines of Chalcones Derived from a Natural Precursor and Their Molecular Docking Analysis. <i>Molecules</i> , 2022, 27, 4387.	3.8	6
14	Further insights into the organocatalytic reaction of 2,2-dimethyl-1,3-dioxan-5-one with $\hat{\pm}$ -silyloxy aldehydes. <i>Tetrahedron Letters</i> , 2016, 57, 5254-5258.	1.4	5
15	Understanding the Molecular Basis of 5-HT4 Receptor Partial Agonists through 3D-QSAR Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3602.	4.1	4
16	Design, Synthesis, In Silico Studies and Inhibitory Activity towards Bcr-Abl, BTK and FLT3-ITD of New 2,6,9-Trisubstituted Purine Derivatives as Potential Agents for the Treatment of Leukaemia. <i>Pharmaceutics</i> , 2022, 14, 1294.	4.5	4
17	Thermal Rectification and Thermal Logic Gates in Graded Alloy Semiconductors. <i>Energies</i> , 2022, 15, 4685.	3.1	4
18	Amino-Catalyzed Reactions of Aldehydes with Chiral Nitroalkenes. <i>Organic Letters</i> , 2021, 23, 651-655.	4.6	1

#	ARTICLE	IF	CITATIONS
19	Amphidinolides and Iriomoteolides, Potent Anticancer Macrolides. Proceedings (mdpi), 2019, 22, 41.	0.2	0
20	Computational Study of the Stability of Pyrrolidine-Derived Iminium Ions: Exchange Equilibria between Iminium Ions and Carbonyl Compounds. ACS Omega, 0, , .	3.5	0