Alejandro Castro-Alvarez

List of Publications by Year
in descending order

20 papers	418 citations	1040056 9 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	461 citing authors

#	Article	IF	Citations
1	Spectroscopic and Thermal Characterization of Extra Virgin Olive Oil Adulterated with Edible Oils. Foods, 2022, 11, 1304.	4.3	7
2	Lanthanide SMMs Based on Belt Macrocycles: Recent Advances and General Trends. Chemistry - A European Journal, 2022, 28, .	3.3	11
3	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. Pharmaceutics, 2022, 14, 1294.	4.5	4
4	Thermal Rectification and Thermal Logic Gates in Graded Alloy Semiconductors. Energies, 2022, 15, 4685.	3.1	4
5	Cytotoxic Effects on Breast Cancer Cell Lines of Chalcones Derived from a Natural Precursor and Their Molecular Docking Analysis. Molecules, 2022, 27, 4387.	3.8	6
6	Understanding the Molecular Basis of 5-HT4 Receptor Partial Agonists through 3D-QSAR Studies. International Journal of Molecular Sciences, 2021, 22, 3602.	4.1	4
7	Amino-Catalyzed Reactions of Aldehydes with Chiral Nitroalkenes. Organic Letters, 2021, 23, 651-655.	4.6	1
8	Review on Sol-Gel Synthesis of Perovskite and Oxide Nanomaterials. Gels, 2021, 7, 275.	4.5	80
9	High performance single-molecule magnets, Orbach or Raman relaxation suppression?. Inorganic Chemistry Frontiers, 2020, 7, 2478-2486.	6.0	76
10	Amphidinolides and Iriomoteolides, Potent Anticancer Macrolides. Proceedings (mdpi), 2019, 22, 41.	0.2	0
11	NMR and Computational Studies on the Reactions of Enamines with Nitroalkenes That May Pass through Cyclobutanes. ACS Omega, 2019, 4, 18167-18194.	3.5	7
12	Further Insight into the Interactions of the Cytotoxic Macrolides Laulimalide and Peloruside A with Their Common Binding Site. ACS Omega, 2018, 3, 1770-1782.	3.5	9
13	Mechanisms behind the enhancement of thermal properties of graphene nanofluids. Nanoscale, 2018, 10, 15402-15409.	5.6	49
14	Computer-Aided Insight into the Relative Stability of Enamines. Synthesis, 2017, 49, 5285-5306.	2.3	16
15	The Performance of Several Docking Programs at Reproducing Proteinâ€“Macrolide-Like Crystal Structures. Molecules, 2017, 22, 136.	3.8	95
16	Further insights into the organocatalytic reaction of 2,2-dimethyl-1,3-dioxan-5-one with Î±-silyloxy aldehydes. Tetrahedron Letters, 2016, 57, 5254-5258.	1.4	5
17	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. Journal of Organic Chemistry, 2015, 80, 11977-11985.	3.2	27
18	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. Helvetica Chimica Acta, 2014, 97, 1177-1203.	1.6	11

#	Article	IF	Citations
19	Oxazolidinone/enamine ratios in the reactions of Î±-silyloxy and Î±-alkoxy aldehydes with proline. Tetrahedron Letters, 2013, 54, 6381-6384.	1.4	6
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