Nasrin Masnabadi

List of Publications by Year
in descending order

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Version: 2024-02-01

18 papers	70 citations	1937685 4 h-index	1720034 7 g-index
18 all docs	18 docs citations	18 times ranked	102 citing authors

#	Article	IF	Citations
1	Oxidative dimerization of thiols to disulfide using recyclable magnetic nanoparticles. Research on Chemical Intermediates, 2017, 43, 1609-1618.	2.7	11
2	Volatile Constituents ofAlococarpum erianthum(DC) H. Riedl & Kuber.Ferula ovina(Boiss.) Boiss. andPimpinella affinisLedeb. Three Umbelliferae Herbs Growing Wild in Iran. Journal of Essential Oil Research, 2008, 20, 232-235.	2.7	10
3	Chemical Composition of the Essential Oil from Flower, Stem and Leaves ofAstragalus schahrudensis Bge.from Iran. Journal of Essential Oil Research, 2007, 19, 269-270.	2.7	6
4	Conformational Behaviors of 2-Substituted Cyclohexanone Oximes: An AB Initio, Hybrid Dft Study, and NBO Interpretation. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 276-293.	1.6	5
5	Ab Initio Calculations of the Conformational Preferences of 1,3-Oxathiane S-Oxide and its Analogs Containing S and SE Atomsâ€"Evidence for Stereoelectronic Interactions Associated with the Anomeric Effects. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1053-1063.	1.6	5
6	Potentiality of carbon nanotube to encapsulate some alkylating agent anticancer drugs: a molecular simulation study. Structural Chemistry, 2021, 32, 869-877.	2.0	5
7	Conformational behaviours of 2-substituted cyclohexanones: a complete basis set, hybrid-DFT study and NBO interpretation. Molecular Simulation, 2011, 37, 1207-1220.	2.0	4
8	Hybrid-Density Functional Theory, MO Study, and NBO Interpretation of Conformational Behaviors of 2-Halo-1,3-Dioxanes and Their Dithiane and Diselenane Analogs. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 305-320.	1.6	4
9	PHYTOCHEMICAL ANALYSIS AND ANTIBACTERIAL ACTIVITY OF ERYNGIUM PYRAMIDALE BOISS. & HAUSSKN. Journal of the Chilean Chemical Society, 2021, 66, 5230-5236.	1.2	4
10	Composition of the Essential Oils of BupleurumfalcatumL. andBupleurum gerardiAll. from Iran. Journal of Essential Oil-bearing Plants: JEOP, 2010, 13, 727-731.	1.9	3
11	A Computational Study of the Conformational Behavior of 2,5-Dimethyl- 1,4-dithiane-2,5-diol and Analogous S and Se: DFT and NBO Study. Letters in Organic Chemistry, 2020, 17, 749-759.	0.5	3
12	Structural, Electronic, Reactivity, and Conformational Features of 2,5,5-Trimethyl-1,3,2-diheterophosphinane-2-sulfide, and Its Derivatives: DFT, MEP, and NBO Calculations. Molecules, 2022, 27, 4011.	3.8	3
13	Conformational Stability, FMO, NMR, MEP and NBO Analysis of 2,5-Di-methyl-2,5-bis(methylthio)-1,4-dithiane and Dimethoxy compounds by DFT Approach. Letters in Organic Chemistry, 2021, 17, .	0.5	2
14	Functionalized GO@ZIF-90-supported sulfuric acid and its application in the catalytic synthesis of sulfonamides. Research on Chemical Intermediates, 2022, 48, 457-470.	2.7	2
15	Theoretical study of encapsulation of diethylstilbestrol drug into the inner surface of BNNT toward designing a new nanocarrier for drug delivery systems. Materials Research Express, 2022, 9, 045002.	1.6	2
16	Variational RRKM theory calculation of thermal rate constant for carbonâ€"hydrogen bond fission reaction of nitro benzene. Russian Journal of Physical Chemistry A, 2013, 87, 1175-1179.	0.6	1
17	Calculation of Arrhenius Parameters by the Rrkm Method for the Carbonâ€"Hydrogen Bond Fission Reaction of Fluorobenzene. Progress in Reaction Kinetics and Mechanism, 2017, 42, 182-190.	2.1	0
18	The study of Letrozole adsorption upon CCT nanotube: A DFT/TD-DFT and spectroscopic (excited states) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	0