Ehsan Fereyduni

List of Publications by Year
in descending order

14	232	1163117 8	1058476 14
papers	citations	h-index	g-index

14	14	14	319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Overcoming Kinetic and Thermodynamic Challenges of Classic Cope Rearrangements. Journal of Organic Chemistry, 2021, 86, 2632-2643.	3.2	5
2	Transient [3,3] Cope rearrangement of 3,3-dicyano-1,5-dienes: computational analysis and 2-step synthesis of arylcycloheptanes. Chemical Science, 2018, 9, 8760-8764.	7.4	20
3	Factors Governing and Application of the Cope Rearrangement of 3,3-Dicyano-1,5-dienes and Related Studies. Organic Letters, 2017, 19, 4130-4133.	4.6	12
4	FT-IR, FT-Raman, UV, NMR spectra, molecular structure, ESP, NBO and HOMOâ€“LUMO investigation of 2-methylpyridine 1-oxide: A combined experimental and DFT study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 438-447.	3.9	46
5	One-pot synthesis, FT-IR and density functional method (DFT) studies on N-benzyl-N-ethyl-N-[5-nitro-2-(1,1,3,3-Tetramethylbutylamino)-1-benzofuran-3-yl]amine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 116, 65-73.	3.9	14
6	THE SUBSTITUTION EFFECT ON THE AROMATICITY OF SOME N-PHENYLACETAMIDE DERIVATIVES: A DFT STUDY. Journal of Theoretical and Computational Chemistry, 2012, 11, 1331-1339.	1.8	5
7	Structural and Solution Studies of two Mercury(II) Complexes with [1,3-Bis(2-ethoxy)benzene]triazene. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 220-223.	1.2	5
8	Single crystal structure, spectroscopic (FT-IR, FT-Raman, 1H NMR, 13C NMR) studies, physico-chemical properties and theoretical calculations of 1-(4-chlorophenyl)-3-(4-nitrophenyl)triazene. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 90, 193-201.	3.9	17
9	Prediction of capillary gas chromatographic retention times of fatty acid methyl esters in human blood using MLR, PLS and back-propagation artificial neural networks. Talanta, 2011, 83, 1014-1022.	5.5	72
10	Synthesis, spectroscopic and DFT investigation of dimethyl-2-(5-acetyl-2,2-dimethyl-4,6-dioxo-1,3-dioxan-5-yl)-3-(triphenylphosphinylidene)succinate. Journal of Molecular Structure, 2011, 985, 120-127.	3.6	4
11	Substitution effects at Î±-position of divalent five-membered ring XC4H3M (M=C, Si and Ge). Journal of Organometallic Chemistry, 2011, 696, 932-939.	1.8	14
12	A theoretical study of the intramolecular proton transfer and calculation of the nucleus independent chemical shift in juglone and some of its derivatives. Journal of the Serbian Chemical Society, 2011, 76, 879-890.	0.8	11
13	Bis[1-(2-ethoxyphenyl)-3-(4-nitrophenyl)triazenido]mercury(II). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1082-m1082.	0.2	2
14	Substituent effects of Î±,Î²-unsaturated aldehyde compounds in inverse electron demand Hetero-Dielsâ€“Alder reactions: A theoretical study. Computational and Theoretical Chemistry, 2009, 915, 58-62.	1.5	5