Mohammad Zakarianezhad

List of Publications by Year
in descending order

28	195	1163117 8	1125743 13
papers	citations	h-index	g-index

28	28	28	137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation and comparison of pristine/doped BN, AlN, and CN nanotubes as drug delivery systems for Tegafur drug: a theoretical study. Structural Chemistry, 2021, 32, 1019-1037.	2.0	14
2	Three-component reaction involving isoquinoline and dimethyl acethylenedicarboxylate in the presence of indole: Theoretical and experimental investigations of the reaction mechanism. Progress in Reaction Kinetics and Mechanism, 2021, 46, 146867832095686.	2.1	1
3	Theoretical study of the reaction mechanism between triphenylphosphine with dialkyl acetylenedicarboxylates in the presence of benzotriazole. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	1
4	Investigation of the reaction mechanism between cyclohexyl isocyanide and dimethyl acetylenedicarboxylate in the presence of 2-mercaptobenzoxazole: a theoretical study. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 656-663.	1.6	0
5	Adsorption of the nitrosamine and thionitrosamine molecules as carcinogen compounds on the BN and B_{3Al} N nanotubes: A DFT study. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 57-63.	1.6	2
6	Theoretical study on mechanism of reaction between tert-butyl isocyanide and dimethyl acetylenedicarboxylate in presence of ethanethiol or thiophenol. Research on Chemical Intermediates, 2018, 44, 2653-2665.	2.7	3
7	Theoretical study of interaction of NH₂X (X = H, CH₃,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 T Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 81-87.	1.6	4
8	EXPERIMENTAL AND THEORETICAL STUDY OF STABLE PHOSPHORUS YLIDES DERIVED FROM INDAZOLE IN THE PRESENCE OF DIFFERENT DIALKYL ACETYELENEDICARBOXYLATES: FURTHER INSIGHTS INTO THE REACTION MECHANISM. Journal of the Chilean Chemical Society, 2016, 61, 2929-2934.	1.2	1
9	Theoretical study of the mechanism of stable phosphorus ylides derived from 2-aminothiophenol in the presence of different dialkyl acetyelenedicarboxylates. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1063-1068.	1.6	3
10	Theoretical study of physicochemical properties of ionic liquid [mim][C(CN)3]. Chemistry of Heterocyclic Compounds, 2016, 52, 244-252.	1.2	2
11	Further Insight into the Mechanism of the Novel Multicomponent Reactions Involving Isoquinoline and Dimethyl Acetylenedicarboxylate in the Presence of 3-Methylindole: Theoretical and Experimental Approach. International Journal of Chemical Kinetics, 2016, 48, 770-778.	1.6	4
12	Mechanism Investigation of Stable Phosphorus Ylides Derived from Saccharine in the Presence of Different Dialkyl acetylenedicarboxylates: Experimental and Theoretical Study. Iranian Journal of Science and Technology, Transaction A: Science, 2016, 40, 255-265.	1.5	0
13	Mechanistic investigation of the reaction of thiourea with dialkyl acetylenedicarboxylates: a theoretical study. Journal of Sulfur Chemistry, 2015, 36, 422-433.	2.0	3
14	Mechanistic investigation of the reaction between triphenylphosphine, dialkyl acetylenedicarboxylates and pyridazinone: a theoretical, NMR and kinetic study. Reaction Kinetics, Mechanisms and Catalysis, 2014, 111, 461-474.	1.7	2
15	Preparation and characterization of magnetic CsH 2 PW 12 O 40 /Feâ€“SiO 2 nanocatalysts for biodiesel production. Materials Research Bulletin, 2014, 60, 412-420.	5.2	21
16	Substituent effects on some calculated NMR data in T-shaped configuration of benzene dimer. Chemical Physics Letters, 2014, 614, 143-147.	2.6	6
17	AIM analysis, synthetic, kinetic and mechanistic investigations of the reaction between triphenylphosphine and dialkyl acetylenedicarboxylate in the presence of 3-methoxythiophenol. Journal of Chemical Sciences, 2013, 125, 387-399.	1.5	5
18	The influence of cationâ€“Ï€ and anionâ€“Ï€ interactions on some NMR data of s-triazineâ€¦HF hydrogen bonding: A theoretical study. Chemical Physics Letters, 2013, 588, 31-36.	2.6	14

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19	Insights into the hydrolytic chemistry of molybdocene dichloride based on a theoretical mechanistic study. Theoretical Chemistry Accounts, 2013, 132, 1.	1.4	4
20	The influence of number of nitrogen atoms on the NMR data in aromatic azineâ‹¯HF complexes. Chemical Physics Letters, 2013, 572, 26-31.	2.6	5
21	Theoretical, NMR Study, Kinetics and a Mechanistic Investigation of the Reaction between Triphenylphosphine, Dialkyl Acetylenedicarboxylates and 2-Aminothiophenol. Current Organic Chemistry, 2011, 15, 942-952.	1.6	20
22	NMR study, theoretical calculations for assignment of theZâ€•andEâ€•isomers, and kinetics investigation of stable phosphorus ylides involving a 2â€•mercaptoâ€4,6â€•dimethyl pyrimidine. Heteroatom Chemistry, 2010, 21, 462-474.	0.7	11
23	Theoretical Study, An Efficient Synthesis Route to, and Kinetic Investigation of, Stable Phosphorus Ylides Derived from Benzamide. Progress in Reaction Kinetics and Mechanism, 2009, 34, 261-288.	2.1	17
24	A facile synthesis of stable phosphorus ylides derived from 3,6â€•dibromocarbazole and kinetic investigation of the reactions by UV spectrophotometry technique. Heteroatom Chemistry, 2008, 19, 723-732.	0.7	32
25	Kinetic Investigation of the Reaction between Triphenylphosphine, Dialkyl Acetylenedicarboxylate, and Carbazole by the UV Spectrophotometry Technique. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 1103-1115.	1.6	14
26	Theoretical Study of CN Radicals Chemisorption on the Electronic Properties of BC₂N Nanotube. Journal of Nano Research, 0, 48, 38-48.	0.8	2
27	Influence of CO₂ Molecules Adsorption on the Electronic Properties of Zigzag and Armchair ZnO Nanotubes. Journal of Nano Research, 0, 60, 51-62.	0.8	2
28	Experimental and theoretical studies of the interaction of Penicillamine with SWCNT (6,0) as a drug delivery system. Inorganic and Nano-Metal Chemistry, 0, , 1-9.	1.6	2