

Mohammad Zakarianezhad

List of Publications by Year in descending order

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28
papers

195
citations

1163117

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1125743

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docs citations

28
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	A facile synthesis of stable phosphorus ylides derived from 3,6-dibromocarbazole and kinetic investigation of the reactions by UV spectrophotometry technique. <i>Heteroatom Chemistry</i> , 2008, 19, 723-732.	0.7	32
2	Preparation and characterization of magnetic CsH ₂ PW ₁₂ O ₄₀ /Fe-SiO ₂ nanocatalysts for biodiesel production. <i>Materials Research Bulletin</i> , 2014, 60, 412-420.	5.2	21
3	Theoretical, NMR Study, Kinetics and a Mechanistic Investigation of the Reaction between Triphenylphosphine, Dialkyl Acetylenedicarboxylates and 2-Aminothiophenol. <i>Current Organic Chemistry</i> , 2011, 15, 942-952.	1.6	20
4	Theoretical Study, An Efficient Synthesis Route to, and Kinetic Investigation of, Stable Phosphorus Ylides Derived from Benzamide. <i>Progress in Reaction Kinetics and Mechanism</i> , 2009, 34, 261-288.	2.1	17
5	Kinetic Investigation of the Reaction between Triphenylphosphine, Dialkyl Acetylenedicarboxylate, and Carbazole by the UV Spectrophotometry Technique. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2006, 181, 1103-1115.	1.6	14
6	The influence of cation-π and anion-π interactions on some NMR data of s-triazine-HF hydrogen bonding: A theoretical study. <i>Chemical Physics Letters</i> , 2013, 588, 31-36.	2.6	14
7	Investigation and comparison of pristine/doped BN, AlN, and CN nanotubes as drug delivery systems for Tegafur drug: a theoretical study. <i>Structural Chemistry</i> , 2021, 32, 1019-1037.	2.0	14
8	NMR study, theoretical calculations for assignment of the Z and E isomers, and kinetics investigation of stable phosphorus ylides involving a 2-mercapto-4,6-dimethyl pyrimidine. <i>Heteroatom Chemistry</i> , 2010, 21, 462-474.	0.7	11
9	Substituent effects on some calculated NMR data in T-shaped configuration of benzene dimer. <i>Chemical Physics Letters</i> , 2014, 614, 143-147.	2.6	6
10	AIM analysis, synthetic, kinetic and mechanistic investigations of the reaction between triphenylphosphine and dialkyl acetylenedicarboxylate in the presence of 3-methoxythiophenol. <i>Journal of Chemical Sciences</i> , 2013, 125, 387-399.	1.5	5
11	The influence of number of nitrogen atoms on the NMR data in aromatic azine-HF complexes. <i>Chemical Physics Letters</i> , 2013, 572, 26-31.	2.6	5
12	Insights into the hydrolytic chemistry of molybdocene dichloride based on a theoretical mechanistic study. <i>Theoretical Chemistry Accounts</i> , 2013, 132, 1.	1.4	4
13	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. <i>International Journal of Chemical Kinetics</i> , 2016, 48, 770-778.	1.6	4
14	Theoretical study of interaction of NH ₂ X (X = H, CH ₃), Tj ETQq 0 0 rgBT /Overlock 10 Tf 50 227 Td (CH ₃ Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 81-87.	1.6	4
15	Mechanistic investigation of the reaction of thiourea with dialkyl acetylenedicarboxylates: a theoretical study. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 422-433.	2.0	3
16	Theoretical study of the mechanism of stable phosphorus ylides derived from 2-aminothiophenol in the presence of different dialkyl acetylenedicarboxylates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1063-1068.	1.6	3
17	Theoretical study on mechanism of reaction between tert-butyl isocyanide and dimethyl acetylenedicarboxylate in presence of ethanethiol or thiophenol. <i>Research on Chemical Intermediates</i> , 2018, 44, 2653-2665.	2.7	3
18	Mechanistic investigation of the reaction between triphenylphosphine, dialkyl acetylenedicarboxylates and pyridazinone: a theoretical, NMR and kinetic study. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014, 111, 461-474.	1.7	2

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19	Theoretical study of physicochemical properties of ionic liquid [mim][C(CN) ₃]. Chemistry of Heterocyclic Compounds, 2016, 52, 244-252.	1.2	2
20	Theoretical Study of CN Radicals Chemisorption on the Electronic Properties of BC ₂ N Nanotube. Journal of Nano Research, 0, 48, 38-48.	0.8	2
21	Adsorption of the nitrosamine and thionitrosamine molecules as carcinogen compounds on the BN and B ₃ Al ₃ N nanotubes: A DFT study. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 57-63.	1.6	2
22	Influence of CO ₂ Molecules Adsorption on the Electronic Properties of Zigzag and Armchair ZnO Nanotubes. Journal of Nano Research, 0, 60, 51-62.	0.8	2
23	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
24	EXPERIMENTAL AND THEORETICAL STUDY OF STABLE PHOSPHORUS YLIDES DERIVED FROM INDAZOLE IN THE PRESENCE OF DIFFERENT DIALKYL ACETYLENEDICARBOXYLATES: FURTHER INSIGHTS INTO THE REACTION MECHANISM. Journal of the Chilean Chemical Society, 2016, 61, 2929-2934.	1.2	1
25	Three-component reaction involving isoquinoline and dimethyl acetylenedicarboxylate 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
26	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
27	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
28	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