Kousik Giri

List of Publications by Year
in descending order

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22	328	840728 11	839512 18
papers	citations	h-index	g-index

23	23	23	365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Disruptive influence of the host cage C60 on the guest Heâ€“H+ bond and bonding in H3+. Journal of the Indian Chemical Society, 2021, 98, 100101.	2.8	2
2	Supported-Pd catalyzed tandem approach for N-arylbenzamides synthesis. Molecular Catalysis, 2021, 516, 111948.	2.0	6
3	CuO Nanoparticles as a Simple and Efficient Green Catalyst for the Aziridine Ringâ€Opening: Examination of a Broad Range of Nucleophiles. ChemistrySelect, 2020, 5, 4525-4529.	1.5	2
4	Synthesis and photophysics of new unsymmetrically substituted 5,5â€²-diaryl-2,2â€²-bypiridine-based â€œpush-pullâ€•fluorophores. Dyes and Pigments, 2019, 162, 324-330.	3.7	11
5	Studies on the interactions of 5-R-3-(2-pyridyl)-1,2,4-triazines with arynes: inverse demand aza-Dielsâ€“Alder reaction versus aryne-mediated domino process. Organic and Biomolecular Chemistry, 2018, 16, 5119-5135.	2.8	43
6	1-Hydroxypyrene-based micelle-forming sensors for the visual detection of RDX/TNG/PETN-based bomb plots in water. New Journal of Chemistry, 2018, 42, 19864-19871.	2.8	17
7	Effect of arsenate substitution on phosphate repository of cell: a computational study. Royal Society Open Science, 2018, 5, 181565.	2.4	1
8	A PASE Approach towards (Adamantylâ€1)â€, Alkylâ€•and (Het)Arylâ€Substituted [1,â€‰2,4]triazolo[1,â€‰5â€d][1,â€‰2,4]triazines: A Sequence of Two Solventâ€Free Reactions Bearing Lowerâ€Factors. ChemistrySelect, 2018, 3, 8202-8206.	1.5	15
9	Effect of Alkylation on the Kinetic Stability of Arsenodiester and Organoarsenicals against Hydrolysis: A Theoretical Study. Chimica Techno Acta, 2018, 5, 96-103.	0.7	2
10	Arsenate and Arsenite Reaction Kinetics with Ferric Hydroxides Using Quantum Chemical Calculations. Chimica Techno Acta, 2018, 5, 144-149.	0.7	0
11	Solvent-free synthesis of 5-(aryl/alkyl)amino-1,2,4-triazines and Î±-arylamino-2,2â€²-bipyridines with greener prospects. RSC Advances, 2017, 7, 9610-9619.	3.6	39
12	Extended cavity pyrene-based iptycenes for the turn-off fluorescence detection of RDX and common nitroaromatic explosives. New Journal of Chemistry, 2017, 41, 2309-2320.	2.8	29
13	Solvent-free synthesis of (poly)thiacalix[n]arenes: the evaluation of possible mechanism based on semi-preparative HPLC separation and mass-spectrometric investigation of the reaction products. Arkivoc, 2017, 2017, 159-171.	0.5	3
14	3-Cyano-2-azaanthracene-based â€œpush-pullâ€•fluorophores: A one-step preparation from 5-cyano-1,2,4-triazines and 2,3-dehydronaphthalene, generated in situ. Tetrahedron Letters, 2016, 57, 5639-5643.	1.4	24
15	Collision-induced dissociation in (He, ${m H}_{2}^+$H2+(v = 0â€“2; j = 0â€“3)) system: A time-dependent quantum mechanical investigation. Journal of Chemical Physics, 2012, 136, 244312.	3.0	12
16	A full-dimensional coupled-surface study of the photodissociation dynamics of ammonia using the multiconfiguration time-dependent Hartree method. Journal of Chemical Physics, 2011, 135, 044311.	3.0	26
17	Dissociative Double Ionization of CO2:Â Dynamics, Energy Levels, and Lifetimeâ€. Journal of Physical Chemistry A, 2007, 111, 10205-10211.	2.5	24
18	Quantum dynamics of (Hâ¯, HD) collisions at low energies. Chemical Physics Letters, 2007, 444, 23-27.	2.6	10

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19	Ground and Excited States of the Monomer and Dimer of Certain Carboxylic Acids. Journal of Physical Chemistry A, 2006, 110, 2709-2717.	2.5	25
20	Influence of Reagent Rotation on (H-, D2) and (D-, H2) Collisions:Â A Quantum Mechanical Study. Journal of Physical Chemistry A, 2006, 110, 13843-13849.	2.5	10
21	Rotational excitation in (Hâ^', H2) collisions: a quantum mechanical study. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 4123-4130.	1.5	10
22	Three Dimensional Quantum Dynamics of (H-, H2) and Its Isotopic Variants. Journal of Physical Chemistry A, 2005, 109, 2057-2061.	2.5	22