Mayank Saraswat

List of Publications by Year
in descending order

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10 papers	117 citations	1684188 5 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	136 citing authors

#	Article	IF	Citations
1	Photochemistry of 3,6-Didehydropyridazine Biradicalâ”€An Untraceable Para Benzyne Analogue. Journal of Physical Chemistry A, 2022, 126, 557-567.	2.5	2
2	Light-controlled shape-changing azomacrocycles exhibiting reversible modulation of pyrene fluorescence emission. Organic and Biomolecular Chemistry, 2022, 20, 5284-5292.	2.8	3
3	Thermal unimolecular reactivity pathways in dehydroâ€diazines radicals. Journal of Physical Organic Chemistry, 2021, 34, e4152.	1.9	0
4	Intermolecular CDC amination of remote and proximal unactivated C_{sp³}â€“H bonds through intrinsic substrate reactivity â€“ expanding towards a traceless directing group. Chemical Science, 2021, 12, 15318-15328.	7.4	14
5	Temporal control in tritylation reactions through light-driven variation in chloride ion binding catalysis â€“ a proof of concept. Catalysis Science and Technology, 2020, 10, 7027-7033.	4.1	8
6	Insights on unimolecular and bimolecular reactivity patterns of pyridyl, pyridyl-N-oxide, and pyridinyl radicals through spin density. Computational and Theoretical Chemistry, 2020, 1191, 113025.	2.5	1
7	Through bond and through space interactions in dehydro-diazine radicals: a case study of 3c-5e interactions. Physical Chemistry Chemical Physics, 2018, 20, 4386-4395.	2.8	7
8	Evaluation of Substituent Effect in Z-Isomer Stability of Arylazo-1H-3,5-dimethylpyrazoles: Interplay of Steric, Electronic Effects and Hydrogen Bonding. Journal of Organic Chemistry, 2018, 83, 4307-4322.	3.2	55
9	Tripodal Nâ€Functionalized Arylazoâ€3,5â€dimethylpyrazole Derivatives of Trimesic Acid: Photochromic Materials for Rewritable Imaging Applications. ChemPhotoChem, 2018, 2, 806-810.	3.0	18
10	Does a Nitrogen Lone Pair Lead to Two Centeredâ€“Three Electron (2câ€“3e) Interactions in Pyridyl Radical Isomers?. Journal of Physical Chemistry A, 2017, 121, 3781-3791.	2.5	9