

Mayank Saraswat

List of Publications by Year in descending order

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Version: 2024-02-01

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