

Shyam Sathyamoorthi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

634
citations

759233

12
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Wound healing and blastema formation in regenerating digit tips of adult mice. <i>Developmental Biology</i> , 2011, 350, 301-310.	2.0	154
2	Site-selective bromination of sp ³ C-H bonds. <i>Chemical Science</i> , 2018, 9, 100-104.	7.4	61
3	Microdroplet Chemistry: The Cycloaddition of Diethyl Azodicarboxylate and Quadricyclane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15083-15087.	13.8	58
4	Copper-Catalyzed Oxidative Cyclization of Carboxylic Acids. <i>Organic Letters</i> , 2016, 18, 6308-6311.	4.6	47
5	Salient features of the <i>aza</i> -Wacker cyclization reaction. <i>Chemical Science</i> , 2020, 11, 8073-8088.	7.4	39
6	Microdroplets Accelerate Ring Opening of Epoxides. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1036-1043.	2.8	38
7	Mechanistic analysis of a copper-catalyzed C-H oxidative cyclization of carboxylic acids. <i>Chemical Science</i> , 2017, 8, 7003-7008.	7.4	34
8	1,4-Benzoquinone antimicrobial agents against <i>Staphylococcus aureus</i> and <i>Mycobacterium tuberculosis</i> derived from scorpion venom. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12642-12647.	7.1	34
9	Oxidative Cyclization of Sulfamates onto Pendant Alkenes. <i>Organic Letters</i> , 2020, 22, 896-901.	4.6	21
10	Mechanistic Analysis of the C-H Amination Reaction of Menthol by CuBr ₂ and Selectfluor. <i>Journal of Organic Chemistry</i> , 2018, 83, 5681-5687.	3.2	15
11	Tethered Silanoxymercuration of Allylic Alcohols. <i>Organic Letters</i> , 2020, 22, 8665-8669.	4.6	15
12	Ring Opening of Epoxides by Pendant Silanols. <i>Organic Letters</i> , 2022, 24, 939-943.	4.6	13
13	Microdroplet Chemistry: The Cycloaddition of Diethyl Azodicarboxylate and Quadricyclane. <i>Angewandte Chemie</i> , 2017, 129, 15279-15283.	2.0	12
14	Peroxydisulfate as an Oxidant in the Site-Selective Functionalization of sp ³ C-H Bonds. <i>ChemistrySelect</i> , 2017, 2, 10678-10688.	1.5	12
15	An <i>in</i> -Triphenylaminophane. <i>Organic Letters</i> , 2012, 14, 3427-3429.	4.6	11
16	Highly Regio- and Diastereoselective Tethered Aza-Wacker Cyclizations of Alkenyl Phosphoramidates. <i>Journal of Organic Chemistry</i> , 2021, 86, 14732-14758.	3.2	11
17	N-arylated oxathiazinane heterocycles are convenient synthons for 1,3-amino ethers and 1,3-amino thioethers. <i>Medicinal Chemistry Research</i> , 2020, 29, 1223-1229.	2.4	10
18	A Formal Rearrangement of Allylic Silanols. <i>Molecules</i> , 2021, 26, 3829.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Tethered Silanoxyiodination of Alkenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 9233-9243.	3.2	10
20	Sulfamate-tethered aza-Wacker approach towards analogs of Bactobolin A. <i>Medicinal Chemistry Research</i> , 2021, 30, 1348-1357.	2.4	9
21	Hydroxyselenylation and Tethered Silanoxy-selenylation of Allylic Silanols. <i>Journal of Organic Chemistry</i> , 2022, 87, 5017-5028.	3.2	9
22	Unusual rearrangement-remercuration reactions of allylic silanols. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5361-5368.	4.5	8