

Rohan R Merchant

List of Publications by Year in descending order

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14
papers

1,063
citations

759055

12
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioenriched BCP Benzylamine Synthesis via Metal Hydride Hydrogen Atom Transfer/Sulfinimine Addition to [1.1.1]Propellane. <i>Organic Letters</i> , 2022, 24, 110-114.	2.4	7
2	Practical and Modular Construction of C(sp ³)-Rich Alkyl Boron Compounds. <i>Journal of the American Chemical Society</i> , 2021, 143, 471-480.	6.6	59
3	Strain-release 2-azaallyl anion addition/borylation of [1.1.1]propellane: synthesis and functionalization of benzylamine bicyclo[1.1.1]pentyl boronates. <i>Chemical Science</i> , 2021, 12, 7066-7072.	3.7	30
4	An intramolecular coupling approach to alkyl bioisosteres for the synthesis of multisubstituted bicycloalkyl boronates. <i>Nature Chemistry</i> , 2021, 13, 950-955.	6.6	72
5	Serine-Selective Bioconjugation. <i>Journal of the American Chemical Society</i> , 2020, 142, 17236-17242.	6.6	58
6	A General One-Pot Protocol for Hindered <i>N</i> -Alkyl Azaheterocycles from Tertiary Carboxylic Acids. <i>Organic Letters</i> , 2020, 22, 4180-4184.	2.4	11
7	A General C(sp ³)-C(sp ³) Cross-Coupling of Benzyl Sulfonylhydrazones with Alkyl Boronic Acids. <i>Organic Letters</i> , 2020, 22, 2271-2275.	2.4	30
8	Modular, stereocontrolled C(sp ²)-H/C(sp ³)-C activation of alkyl carboxylic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8721-8727.	3.3	39
9	A Radical Approach to Anionic Chemistry: Synthesis of Ketones, Alcohols, and Amines. <i>Journal of the American Chemical Society</i> , 2019, 141, 6726-6739.	6.6	148
10	Quaternary Centers by Nickel-Catalyzed Cross-Coupling of Tertiary Carboxylic Acids and (Hetero)Aryl Zinc Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2454-2458.	7.2	76
11	Quaternary Centers by Nickel-Catalyzed Cross-Coupling of Tertiary Carboxylic Acids and (Hetero)Aryl Zinc Reagents. <i>Angewandte Chemie</i> , 2019, 131, 2476-2480.	1.6	17
12	Modular radical cross-coupling with sulfones enables access to sp ³ -rich (fluoro)alkylated scaffolds. <i>Science</i> , 2018, 360, 75-80.	6.0	167
13	Divergent Synthesis of Pyrone Diterpenes via Radical Cross Coupling. <i>Journal of the American Chemical Society</i> , 2018, 140, 7462-7465.	6.6	72
14	Decarboxylative alkenylation. <i>Nature</i> , 2017, 545, 213-218.	13.7	277