

Xiao Xiao

List of Publications by Year in descending order

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15
papers

486
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

528
citing authors

#	ARTICLE	IF	CITATIONS
1	Chirality Amplified: Long, Discrete Helicene Nanoribbons. <i>Journal of the American Chemical Society</i> , 2021, 143, 983-991.	13.7	85
2	The domino hexadehydro-Diels-Alder reaction transforms polyynes to benzynes to naphthynes to anthracynes to tetracynes (and beyond?). <i>Nature Chemistry</i> , 2018, 10, 838-844.	13.6	79
3	Copper-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylates with 1,1-Dibromo-1-alkenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 4551-4557.	3.2	47
4	Photochemical Hexadehydro-Diels-Alder Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 8400-8403.	13.7	47
5	Ortho-Aryl Nitrile Construction via Palladium-Catalyzed Decarboxylative Benzoylation of Cyano Aliphatic Carboxylate Salts. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2465-2472.	4.3	42
6	One-Pot, Three-Aryne Cascade Strategy for Naphthalene Formation from 1,3-Diynes and 1,2-Benzdiyne Equivalents. <i>Journal of the American Chemical Society</i> , 2019, 141, 9813-9818.	13.7	39
7	BF ₃ -Promoted, Carbene-like, C-H Insertion Reactions of Benzynes. <i>Journal of the American Chemical Society</i> , 2018, 140, 15616-15620.	13.7	31
8	Benzocyclobutadienes: An Unusual Mode of Access Reveals Unusual Modes of Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9901-9905.	13.8	30
9	Reactions of HDDA-Derived Benzynes with Perylenes: Rapid Construction of Polycyclic Aromatic Compounds. <i>Organic Letters</i> , 2016, 18, 5636-5639.	4.6	27
10	Cu ^I -Mediated Bromoalkynylation and Hydroalkynylation Reactions of Unsymmetrical Benzynes: Complementary Modes of Addition. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16564-16568.	13.8	17
11	Origin of Chiroptic Amplification in Perylene-Diimide Helicenes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2554-2564.	3.1	17
12	Benzyne Cascade Reactions via Benzoxetenonium Ions and Their Rearrangements to Quinone Methides. <i>Organic Letters</i> , 2019, 21, 1672-1675.	4.6	11
13	Benzocyclobutadienes: An Unusual Mode of Access Reveals Unusual Modes of Reactivity. <i>Angewandte Chemie</i> , 2018, 130, 10049-10053.	2.0	7
14	Cu ^I -Mediated Bromoalkynylation and Hydroalkynylation Reactions of Unsymmetrical Benzynes: Complementary Modes of Addition. <i>Angewandte Chemie</i> , 2018, 130, 16802-16806.	2.0	4
15	Radial hexadehydro-Diels-Alder reactions. <i>Chem</i> , 2021, 7, 2527-2537.	11.7	3