

Chao Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,593
citations

471509

17
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

2618
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanofiber aerogels for emergent cleanup of oil spillage and chemical leakage under harsh conditions. <i>Scientific Reports</i> , 2014, 4, 4079.	3.3	223
2	Transition metal-assisted carbonization of small organic molecules toward functional carbon materials. <i>Science Advances</i> , 2018, 4, eaat0788.	10.3	172
3	Wood-Derived Ultrathin Carbon Nanofiber Aerogels. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7085-7090.	13.8	143
4	Nickel-Catalyzed Carbofluoroalkylation of 1,3-Enynes to Access Structurally Diverse Fluoroalkylated Allenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5069-5074.	13.8	129
5	Dyeing bacterial cellulose pellicles for energetic heteroatom doped carbon nanofiber aerogels. <i>Nano Research</i> , 2014, 7, 1861-1872.	10.4	97
6	Temperature-Invariant Superelastic and Fatigue Resistant Carbon Nanofiber Aerogels. <i>Advanced Materials</i> , 2020, 32, e1904331.	21.0	92
7	Nickel-Catalyzed Carbofluoroalkylation of 1,3-Enynes to Access Structurally Diverse Fluoroalkylated Allenes. <i>Angewandte Chemie</i> , 2019, 131, 5123-5128.	2.0	80
8	Ultralight Multifunctional Carbon-Based Aerogels by Combining Graphene Oxide and Bacterial Cellulose. <i>Small</i> , 2017, 13, 1700453.	10.0	79
9	Pd-Catalyzed C(sp ³) ⁺ H Carbonylation of Alkylamines: A Powerful Route to β -Lactams and β -Amino Acids. <i>Organic Letters</i> , 2015, 17, 3698-3701.	4.6	68
10	Rhodium-Catalyzed C ₁ H Olefination of Aryl Weinreb Amides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1724-1728.	4.3	44
11	Wood-Derived Ultrathin Carbon Nanofiber Aerogels. <i>Angewandte Chemie</i> , 2018, 130, 7203-7208.	2.0	37
12	Enantioselective Copper-Catalyzed Remote C(sp ³) ⁺ H Alkynylation of Linear Primary Sulfonamides. <i>Organic Letters</i> , 2020, 22, 4006-4009.	4.6	37
13	Cobalt-catalyzed difluoroalkylation of tertiary aryl ketones for facile synthesis of quaternary alkyl difluorides. <i>Nature Communications</i> , 2018, 9, 4951.	12.8	33
14	Joule-heated carbonized melamine sponge for high-speed absorption of viscous oil spills. <i>Nano Research</i> , 2021, 14, 2697-2702.	10.4	29
15	Palladium(II)-Catalyzed C(sp ²) ⁺ H Carbonylation of Sterically Hindered Amines with Carbon Monoxide. <i>Organic Letters</i> , 2018, 20, 6530-6533.	4.6	26
16	Highly stereoselective nickel-catalyzed difluoroalkylation of aryl ketones to tetrasubstituted monofluoroalkenes and quaternary alkyl difluorides. <i>Chemical Science</i> , 2019, 10, 9285-9291.	7.4	22
17	Biomimetic Design and Mass Production of Sustainable Multiscale Cellulose Fibers-Based Hierarchical Filter Materials for Protective Clothing. <i>Advanced Materials Technologies</i> , 2021, 6, 2100193.	5.8	15
18	Charging effect induced by electron beam irradiation: a review. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 932-971.	6.1	11

#	ARTICLE	IF	CITATIONS
19	General Synthesis and Solution Processing of Metal-Organic Framework Nanofibers. <i>Advanced Materials</i> , 2022, 34, e2202504.	21.0	9
20	Natural Nanofibrous Cellulose-Derived Solid Acid Catalysts. <i>Research</i> , 2019, 2019, 6262719.	5.7	8
21	A Monte Carlo calculation of the secondary electron emission in the backward direction from a SiO ₂ macro-capillary. <i>European Physical Journal D</i> , 2020, 74, 1.	1.3	2