

Jiachen Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1586374/publications.pdf>

Version: 2024-02-01

20
papers

1,524
citations

567281

15
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo molecular imaging for immunotherapy using ultra-bright near-infrared-IIb rare-earth nanoparticles. <i>Nature Biotechnology</i> , 2019, 37, 1322-1331.	17.5	398
2	A safe and non-flammable sodium metal battery based on an ionic liquid electrolyte. <i>Nature Communications</i> , 2019, 10, 3302.	12.8	173
3	Electroreduction of CO ₂ to Formate on a Copper-Based Electrocatalyst at High Pressures with High Energy Conversion Efficiency. <i>Journal of the American Chemical Society</i> , 2020, 142, 7276-7282.	13.7	165
4	Sono-optogenetics facilitated by a circulation-delivered rechargeable light source for minimally invasive optogenetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26332-26342.	7.1	118
5	Selective and High Current CO ₂ Electro-Reduction to Multicarbon Products in Near-Neutral KCl Electrolytes. <i>Journal of the American Chemical Society</i> , 2021, 143, 3245-3255.	13.7	108
6	Rechargeable Na/Cl ₂ and Li/Cl ₂ batteries. <i>Nature</i> , 2021, 596, 525-530.	27.8	103
7	In vivo non-invasive confocal fluorescence imaging beyond 1,700 nm using superconducting nanowire single-photon detectors. <i>Nature Nanotechnology</i> , 2022, 17, 653-660.	31.5	88
8	A Thermal Radiation Modulation Platform by Emissivity Engineering with Graded Metal-Insulator Transition. <i>Advanced Materials</i> , 2020, 32, e1907071.	21.0	75
9	Flat Bands in Magic-Angle Bilayer Photonic Crystals at Small Twists. <i>Physical Review Letters</i> , 2021, 126, 223601.	7.8	69
10	A high-performance potassium metal battery using safe ionic liquid electrolyte. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27847-27853.	7.1	49
11	Monolithic Neat Graphene Oxide Aerogel for Efficient Catalysis of S ⁺ O Acetyl Migration. <i>ACS Catalysis</i> , 2015, 5, 3387-3392.	11.2	40
12	Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20552-20560.	13.8	35
13	Millikelvin-resolved ambient thermography. <i>Science Advances</i> , 2020, 6, .	10.3	26
14	High-precision tumor resection down to few-cell level guided by NIR-IIb molecular fluorescence imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2123111119.	7.1	26
15	Discovery of neat silica gel as a catalyst: an example of S ⁺ O acetyl migration reaction. <i>Chemical Communications</i> , 2015, 51, 15390-15393.	4.1	21
16	Probing dissolved CO ₂ (aq) in aqueous solutions for CO ₂ electroreduction and storage. <i>Science Advances</i> , 2022, 8, eabo0399.	10.3	17
17	Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications. <i>Angewandte Chemie</i> , 2020, 132, 20733-20741.	2.0	6
18	Anomalously high electronic thermal conductivity and Lorenz ratio in Bi ₂ Te ₃ nanoribbons far from the bipolar condition. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	5

#	ARTICLE	IF	CITATIONS
19	Theoretical Investigation of Chitosan-Assisted Controlled Release of Digestive System Antitumor Drug Fluorouracil. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 2049-2055.	3.3	1
20	Multi-sensor fusion and feature selection in ultraviolet-visible spectrometry system for predicting chemical oxygen demand. , 2014, , .		0