Yingbo Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5405834/publications.pdf

Version: 2024-02-01

20 papers	5,488 citations	471061 17 h-index	794141 19 g-index
20 all docs	20 docs citations	20 times ranked	8375 citing authors

#	Article	IF	Citations
1	Covalent organic frameworks comprising cobalt porphyrins for catalytic CO ₂ reduction in water. Science, 2015, 349, 1208-1213.	6.0	2,046
2	Metalâ€“Organic Frameworks for Electrocatalytic Reduction of Carbon Dioxide. Journal of the American Chemical Society, 2015, 137, 14129-14135.	6.6	966
3	Reticular Electronic Tuning of Porphyrin Active Sites in Covalent Organic Frameworks for Electrocatalytic Carbon Dioxide Reduction. Journal of the American Chemical Society, 2018, 140, 1116-1122.	6.6	457
4	Weaving of organic threads into a crystalline covalent organic framework. Science, 2016, 351, 365-369.	6.0	427
5	Covalent Chemistry beyond Molecules. Journal of the American Chemical Society, 2016, 138, 3255-3265.	6.6	328
6	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. ACS Nano, 2018, 12, 6978-6987.	7.3	275
7	Regional and correlative sweat analysis using high-throughput microfluidic sensing patches toward decoding sweat. Science Advances, 2019, 5, eaaw9906.	4.7	234
8	A Synthetic Route for Crystals of Woven Structures, Uniform Nanocrystals, and Thin Films of Imine Covalent Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 13166-13172.	6.6	193
9	Mesoscopic Constructs of Ordered and Oriented Metalâ€“Organic Frameworks on Plasmonic Silver Nanocrystals. Journal of the American Chemical Society, 2015, 137, 2199-2202.	6.6	141
10	Nanoporous Transparent MOF Glasses with Accessible Internal Surface. Journal of the American Chemical Society, 2016, 138, 10818-10821.	6.6	83
11	Synthetic WSe ₂ monolayers with high photoluminescence quantum yield. Science Advances, 2019, 5, eaau4728.	4.7	78
12	Strong optical response and light emission from a monolayer molecular crystal. Nature Communications, 2019, 10, 5589.	5.8	59
13	Cooperative effects at the interface of nanocrystalline metalâ€“organic frameworks. Nano Research, 2016, 9, 47-58.	5.8	57
14	Synergistic Stimulation of Metalâ€“Organic Frameworks for Stable Super-cooled Liquid and Quenched Glass. Journal of the American Chemical Society, 2022, 144, 13021-13025.	6.6	45
15	Dip Coating Passivation of Crystalline Silicon by Lewis Acids. ACS Nano, 2019, 13, 3723-3729.	7.3	28
16	Scanning Probe Lithography Patterning of Monolayer Semiconductors and Application in Quantifying Edge Recombination. Advanced Materials, 2019, 31, e1900136.	11.1	27
17	A generic electroluminescent device for emission from infrared to ultraviolet wavelengths. Nature Electronics, 2020, 3, 612-621.	13.1	23
18	Performance Limits of an Alternating Current Electroluminescent Device. Advanced Materials, 2021, 33, e2005635.	11.1	11

#	ARTICLE	IF	CITATIONS
19	Molecular Materials with Short Radiative Lifetime for High-Speed Light-Emitting Devices. Matter, 2020, 3, 1832-1844.	5.0	10
20	Monolayer Semiconductors: Scanning Probe Lithography Patterning of Monolayer Semiconductors and Application in Quantifying Edge Recombination (Adv. Mater. 48/2019). Advanced Materials, 2019, 31, 1970340.	11.1	0