Yingbo Zhao

List of Publications by Year
in descending order

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

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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	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
2	Performance Limits of an Alternating Current Electroluminescent Device. Advanced Materials, 2021, 33, e2005635.	11.1	11
3	Molecular Materials with Short Radiative Lifetime for High-Speed Light-Emitting Devices. Matter, 2020, 3, 1832-1844.	5.0	10
4	A generic electroluminescent device for emission from infrared to ultraviolet wavelengths. Nature Electronics, 2020, 3, 612-621.	13.1	23
5	Regional and correlative sweat analysis using high-throughput microfluidic sensing patches toward decoding sweat. Science Advances, 2019, 5, eaaw9906.	4.7	234
6	Scanning Probe Lithography Patterning of Monolayer Semiconductors and Application in Quantifying Edge Recombination. Advanced Materials, 2019, 31, e1900136.	11.1	27
7	Dip Coating Passivation of Crystalline Silicon by Lewis Acids. ACS Nano, 2019, 13, 3723-3729.	7.3	28
8	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
9	Strong optical response and light emission from a monolayer molecular crystal. Nature Communications, 2019, 10, 5589.	5.8	59
10	Synthetic WSe ₂ monolayers with high photoluminescence quantum yield. Science Advances, 2019, 5, eaau4728.	4.7	78
11	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
12	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. ACS Nano, 2018, 12, 6978-6987.	7.3	275
13	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
14	Nanoporous Transparent MOF Glasses with Accessible Internal Surface. Journal of the American Chemical Society, 2016, 138, 10818-10821.	6.6	83
15	Weaving of organic threads into a crystalline covalent organic framework. Science, 2016, 351, 365-369.	6.0	427
16	Covalent Chemistry beyond Molecules. Journal of the American Chemical Society, 2016, 138, 3255-3265.	6.6	328
17	Cooperative effects at the interface of nanocrystalline metalâ€“organic frameworks. Nano Research, 2016, 9, 47-58.	5.8	57
18	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

#	Article	IF	Citations
19	Metalâ€“Organic Frameworks for Electrocatalytic Reduction of Carbon Dioxide. Journal of the American Chemical Society, 2015, 137, 14129-14135.	6.6	966
20	Covalent organic frameworks comprising cobalt porphyrins for catalytic CO ₂ reduction in water. Science, 2015, 349, 1208-1213.	6.0	2,046