

Hao Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9342178/publications.pdf>

Version: 2024-02-01

15
papers

1,103
citations

686830

13
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

2027
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct optical patterning of perovskite nanocrystals with ligand cross-linkers. <i>Science Advances</i> , 2022, 8, eabm8433.	4.7	54
2	Beyond a Linker: The Role of Photochemistry of Crosslinkers in the Direct Optical Patterning of Colloidal Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	24
3	Beyond a Linker: The Role of Photochemistry of Crosslinkers in the Direct Optical Patterning of Colloidal Nanocrystals. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
4	Wireless, implantable catheter-type oximeter designed for cardiac oxygen saturation. <i>Science Advances</i> , 2021, 7, .	4.7	45
5	Biocompatible Light Guide-Assisted Wearable Devices for Enhanced UV Light Delivery in Deep Skin. <i>Advanced Functional Materials</i> , 2021, 31, 2100576.	7.8	26
6	Roll-To-Roll Friendly Solution-Processing of Ultrathin, Sintered CdTe Nanocrystal Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44165-44173.	4.0	5
7	Bioresorbable photonic devices for the spectroscopic characterization of physiological status and neural activity. <i>Nature Biomedical Engineering</i> , 2019, 3, 644-654.	11.6	98
8	A Bioresorbable Magnetically Coupled System for Low-Frequency Wireless Power Transfer. <i>Advanced Functional Materials</i> , 2019, 29, 1905451.	7.8	58
9	Wireless, battery-free optoelectronic systems as subdermal implants for local tissue oximetry. <i>Science Advances</i> , 2019, 5, eaaw0873.	4.7	116
10	Nanocrystals in Molten Salts and Ionic Liquids: Experimental Observation of Ionic Correlations Extending beyond the Debye Length. <i>ACS Nano</i> , 2019, 13, 5760-5770.	7.3	48
11	Recent Advances in Flexible Inorganic Light Emitting Diodes: From Materials Design to Integrated Optoelectronic Platforms. <i>Advanced Optical Materials</i> , 2019, 7, 1800936.	3.6	75
12	Wireless optoelectronic photometers for monitoring neuronal dynamics in the deep brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1374-E1383.	3.3	167
13	Stable colloids in molten inorganic salts. <i>Nature</i> , 2017, 542, 328-331.	13.7	148
14	Direct optical lithography of functional inorganic nanomaterials. <i>Science</i> , 2017, 357, 385-388.	6.0	224
15	Soluble Lead and Bismuth Chalcogenidometallates: Versatile Solders for Thermoelectric Materials. <i>Chemistry of Materials</i> , 2017, 29, 6396-6404.	3.2	14