

Zhenkun Gu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

614
citations

759233

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996975

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15
all docs

15
docs citations

15
times ranked

857
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable printing of large-scale compact perovskite films for flexible photodetectors. <i>Nano Research</i> , 2022, 15, 1547-1553.	10.4	30
2	Flexible and Wearable Optoelectronic Devices Based on Perovskites. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	26
3	Droplet Manipulation and Crystallization Regulation in Inkjet-Printed Perovskite Film Formation. <i>CCS Chemistry</i> , 2022, 4, 1465-1485.	7.8	14
4	Pen-writing high-quality perovskite films and degradable optoelectronic devices. <i>RSC Advances</i> , 2022, 12, 3924-3930.	3.6	2
5	From Structural Design to Functional Construction: Amine Molecules in High-Performance Formamidinium-Based Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	17
6	FAPbI ₃ Perovskite Solar Cells: From Film Morphology Regulation to Device Optimization. <i>Solar Rrl</i> , 2022, 6, .	5.8	19
7	A general method for growth of perovskite single-crystal arrays for high performance photodetectors. <i>Nano Research</i> , 2022, 15, 6568-6573.	10.4	18
8	Methylamine-assisted growth of uniaxial-oriented perovskite thin films with millimeter-sized grains. <i>Nature Communications</i> , 2020, 11, 5402.	12.8	71
9	Controllable Growth of High-Quality Inorganic Perovskite Microplate Arrays for Functional Optoelectronics. <i>Advanced Materials</i> , 2020, 32, e1908006.	21.0	66
10	In Situ Inkjet Printing of the Perovskite Single-Crystal Array-Embedded Polydimethylsiloxane Film for Wearable Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22157-22162.	8.0	53
11	A general printing approach for scalable growth of perovskite single-crystal films. <i>Science Advances</i> , 2018, 4, eaat2390.	10.3	150
12	Single Crystals: Direct-Writing Multifunctional Perovskite Single Crystal Arrays by Inkjet Printing (Small 8/2017). <i>Small</i> , 2017, 13, .	10.0	1
13	Direct-Writing Multifunctional Perovskite Single Crystal Arrays by Inkjet Printing. <i>Small</i> , 2017, 13, 1603217.	10.0	117
14	Three dimensional MOF "sponge for fast dynamic adsorption. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5746-5752.	2.8	29
15	Quantum Dots: Patterning Fluorescent Quantum Dot Nanocomposites by Reactive Inkjet Printing (Small 14/2015). <i>Small</i> , 2015, 11, 1614-1614.	10.0	1