

Zheng Zhi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,416
citations

516710

16
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752698

20
g-index

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20
docs citations

20
times ranked

2364
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of highly luminescent Mn-doped CsPbCl ₃ nanoplatelets for light-emitting diodes. CrystEngComm, 2021, 23, 793-803.	2.6	11
2	Photophysics in Cs ₃ Cu ₂ X ₅ (X = Cl, Br, or I): Highly Luminescent Self-Trapped Excitons from Local Structure Symmetrization. Chemistry of Materials, 2020, 32, 3462-3468.	6.7	177
3	Giant-Enhanced SnS ₂ Photodetectors with Broadband Response through Oxygen Plasma Treatment. Advanced Functional Materials, 2020, 30, 2001650.	14.9	48
4	Single-Component MLCT-Active Photodetecting Material Based on a Two-Dimensional Coordination Polymer. CCS Chemistry, 2020, 2, 655-662.	7.8	19
5	Submillimeter and lead-free Cs ₃ Sb ₂ Br ₉ perovskite nanoflakes: inverse temperature crystallization growth and application for ultrasensitive photodetectors. Nanoscale Horizons, 2019, 4, 1372-1379.	8.0	85
6	Self-Trapped Exciton to Dopant Energy Transfer in Rare Earth Doped Lead-Free Double Perovskite. Advanced Optical Materials, 2019, 7, 1901098.	7.3	94
7	Tunable Color Temperatures and Efficient White Emission from Cs ₂ Ag ₁ Na _x In ₁ Bi _{1-x} Double Perovskite Nanocrystals. Small, 2019, 15, e1903496.	10.0	112
8	MoS ₂ -Based Photodetectors Powered by Asymmetric Contact Structure with Large Work Function Difference. Nano-Micro Letters, 2019, 11, 34.	27.0	49
9	Controlled Growth of an Mo ₂ Câ€”Graphene Hybrid Film as an Electrode in Self-Powered Two-Sided Mo ₂ Câ€”Graphene/Sb ₂ S _{0.42} Se _{2.58} /TiO ₂ Photodetectors. Sensors, 2019, 19, 1099.	3.8	28
10	Spatially Confined Growth of Fullerene to Super-Long Crystalline Fibers in Supramolecular Gels for High-Performance Photodetector. Advanced Materials, 2019, 31, e1808254.	21.0	42
11	Space-Confined Synthesis of 2D All-Inorganic CsPbI ₃ Perovskite Nanosheets for Multiphoton-Pumped Lasing. Advanced Optical Materials, 2018, 6, 1800879.	7.3	65
12	Morphology Processing by Encapsulating GeP ₅ Nanoparticles into Nanofibers toward Enhanced Thermo/Electrochemical Stability. ACS Applied Materials & Interfaces, 2018, 10, 32162-32170.	8.0	19
13	Solution-processed solar-blind deep ultraviolet photodetectors based on strongly quantum confined ZnS quantum dots. Journal of Materials Chemistry C, 2018, 6, 11266-11271.	5.5	46
14	Predictive value of single nucleotide polymorphisms in XRCC1 for radiation-induced normal tissue toxicity. OncoTargets and Therapy, 2018, Volume 11, 3901-3918.	2.0	10
15	Nanostructured Materials and Architectures for Advanced Infrared Photodetection. Advanced Materials Technologies, 2017, 2, 1700005.	5.8	87
16	Decorating Perovskite Quantum Dots in TiO ₂ Nanotubes Array for Broadband Response Photodetector. Advanced Functional Materials, 2017, 27, 1703115.	14.9	142
17	MXene-Silicon Van Der Waals Heterostructures for High-Speed Self-Driven Photodetectors. Advanced Electronic Materials, 2017, 3, 1700165.	5.1	162
18	Electrospun nanowire arrays for electronics and optoelectronics. Science China Materials, 2016, 59, 200-216.	6.3	32

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19	A Fully Transparent and Flexible Ultraviolet-Visible Photodetector Based on Controlled Electrospun ZnO/CdO Heterojunction Nanofiber Arrays. <i>Advanced Functional Materials</i> , 2015, 25, 5885-5894.	14.9	181