

Chunli Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

570
citations

759233

12
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation induced red shift emission of phosphorus doped carbon dots. RSC Advances, 2017, 7, 32225-32228.	3.6	113
2	(Diisopropylammonium) ₂ MnBr ₄ : a multifunctional ferroelectric with efficient green-emission and excellent gas sensing properties. Chemical Communications, 2017, 53, 5954-5957.	4.1	91
3	Ultralow Power Machine Vision with Self-Powered Sensor Reservoir. Advanced Science, 2022, 9, e2106092.	11.2	68
4	An air-stable artificial synapse based on a lead-free double perovskite Cs ₂ AgBiBr ₆ film for neuromorphic computing. Journal of Materials Chemistry C, 2021, 9, 5706-5712.	5.5	56
5	Artificial Synapse Based on Organic-Inorganic Hybrid Perovskite with Electric and Optical Modulation. Advanced Electronic Materials, 2021, 7, 2100291.	5.1	34
6	Tuning the Crystal Structure and Luminescence of Pyrrolidinium Manganese Halides via Halide Ions. Crystal Research and Technology, 2019, 54, 1800236.	1.3	30
7	Stretchable and self-healable organometal halide perovskite nanocrystal-embedded polymer gels with enhanced luminescence stability. Nanophotonics, 2018, 7, 1949-1958.	6.0	27
8	One-pot aqueous synthesis of gadolinium doped CdTe quantum dots with dual imaging modalities. Talanta, 2016, 155, 14-20.	5.5	21
9	Fully Light-Modulated Organic Artificial Synapse with the Assistance of Ferroelectric Polarization. Advanced Electronic Materials, 2022, 8, .	5.1	19
10	An organic-inorganic hybrid ferroelectric with strong luminescence and high Curie temperature. CrystEngComm, 2020, 22, 1436-1441.	2.6	18
11	Effect of counter anions on ferroelectric properties of diisopropylammonium cation based molecular crystals. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700029.	1.8	15
12	Multifunctional Two-Terminal Optoelectronic Synapse Based on Zinc Oxide/Poly(3-hexylthiophene) Heterojunction for Neuromorphic Computing. ACS Applied Polymer Materials, 2022, 4, 5688-5695.	4.4	15
13	A Quasi-Two-Dimensional Copper Based Organic-Inorganic Hybrid Perovskite with Reversible Thermochromism and Ferromagnetism. European Journal of Inorganic Chemistry, 2021, 2021, 4984-4989.	2.0	14
14	Formation and dispersion of organometal halide perovskite nanocrystals in various solvents. Journal of Colloid and Interface Science, 2018, 529, 575-581.	9.4	12
15	Size-controlled synthesis of hierarchical bismuth selenide nanoflowers and their photocatalytic performance in the presence of H ₂ O ₂ . Journal of Nanoparticle Research, 2018, 20, 1.	1.9	10
16	Piezoelectric Nanogenerators Based on Helical Carbon Materials and Polyvinylidene difluoride-Trifluoroethylene Hybrids with Enhanced Energy Harvesting Performance. Energy Technology, 2020, 8, 1901249.	3.8	9
17	Thermally induced structural-transformation and luminescent conversion in hybrid manganese halides. Journal of Physics Condensed Matter, 2022, 34, 154001.	1.8	6
18	Facile preparation of rare-earth semiconductor nanocrystals and tuning of their dimensionalities. RSC Advances, 2015, 5, 86885-86890.	3.6	4

#	ARTICLE	IF	CITATIONS
19	Luminescent carbon nanoparticles as a donor for the FRET-based detection of oligonucleotide hybridization. RSC Advances, 2014, 4, 25201-25204.	3.6	3
20	A Flexible Bilayer Actuator Based on Liquid Crystal Network and PVDF-TrFE for Low-Grade Waste Heat Harvesting. Energy Technology, 2020, 8, 2000612.	3.8	3
21	A New Cross Clustering Algorithm for Improving Performance of Supervised Learning. IEEE Access, 2019, 7, 56713-56723.	4.2	1
22	Transparent Optoelectronic Synapse Based on a CuI Electrode for Arithmetic Operation. ACS Applied Electronic Materials, 2022, 4, 1989-1996.	4.3	1