

Chunli Jiang

List of Publications by Year in descending order

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22
papers

570
citations

759233

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677142

22
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22
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docs citations

22
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoinduced structural-transformation and luminescent conversion in hybrid manganese halides. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 154001.	1.8	6
2	Fully Light-Modulated Organic Artificial Synapse with the Assistance of Ferroelectric Polarization. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	19
3	Ultralow-Power Machine Vision with Self-Powered Sensor Reservoir. <i>Advanced Science</i> , 2022, 9, e2106092.	11.2	68
4	Transparent Optoelectronic Synapse Based on a CuI Electrode for Arithmetic Operation. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1989-1996.	4.3	1
5	Multifunctional Two-Terminal Optoelectronic Synapse Based on Zinc Oxide/Poly(3-hexylthiophene) Heterojunction for Neuromorphic Computing. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5688-5695.	4.4	15
6	Artificial Synapse Based on Organic-Inorganic Hybrid Perovskite with Electric and Optical Modulation. <i>Advanced Electronic Materials</i> , 2021, 7, 2100291.	5.1	34
7	An air-stable artificial synapse based on a lead-free double perovskite Cs ₂ AgBiBr ₆ film for neuromorphic computing. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5706-5712.	5.5	56
8	A Quasi-Two-Dimensional Copper Based Organic-Inorganic Hybrid Perovskite with Reversible Thermochromism and Ferromagnetism. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4984-4989.	2.0	14
9	A Flexible Bilayer Actuator Based on Liquid Crystal Network and PVDF-TrFE for Low-Grade Waste Heat Harvesting. <i>Energy Technology</i> , 2020, 8, 2000612.	3.8	3
10	An organic-inorganic hybrid ferroelectric with strong luminescence and high Curie temperature. <i>CrystEngComm</i> , 2020, 22, 1436-1441.	2.6	18
11	Piezoelectric Nanogenerators Based on Helical Carbon Materials and Polyvinylidene fluoride-Trifluoroethylene Hybrids with Enhanced Energy-Harvesting Performance. <i>Energy Technology</i> , 2020, 8, 1901249.	3.8	9
12	A New Cross Clustering Algorithm for Improving Performance of Supervised Learning. <i>IEEE Access</i> , 2019, 7, 56713-56723.	4.2	1
13	Tuning the Crystal Structure and Luminescence of Pyrrolidinium Manganese Halides via Halide Ions. <i>Crystal Research and Technology</i> , 2019, 54, 1800236.	1.3	30
14	Stretchable and self-healable organometal halide perovskite nanocrystal-embedded polymer gels with enhanced luminescence stability. <i>Nanophotonics</i> , 2018, 7, 1949-1958.	6.0	27
15	Size-controlled synthesis of hierarchical bismuth selenide nanoflowers and their photocatalytic performance in the presence of H ₂ O ₂ . <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	10
16	Formation and dispersion of organometal halide perovskite nanocrystals in various solvents. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 575-581.	9.4	12
17	Aggregation induced red shift emission of phosphorus doped carbon dots. <i>RSC Advances</i> , 2017, 7, 32225-32228.	3.6	113
18	(Diisopropylammonium) ₂ MnBr ₄ : a multifunctional ferroelectric with efficient green-emission and excellent gas sensing properties. <i>Chemical Communications</i> , 2017, 53, 5954-5957.	4.1	91

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19	Effect of counter anions on ferroelectric properties of diisopropylammonium cation based molecular crystals. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700029.	1.8	15
20	One-pot aqueous synthesis of gadolinium doped CdTe quantum dots with dual imaging modalities. <i>Talanta</i> , 2016, 155, 14-20.	5.5	21
21	Facile preparation of rare-earth semiconductor nanocrystals and tuning of their dimensionalities. <i>RSC Advances</i> , 2015, 5, 86885-86890.	3.6	4
22	Luminescent carbon nanoparticles as a donor for the FRET-based detection of oligonucleotide hybridization. <i>RSC Advances</i> , 2014, 4, 25201-25204.	3.6	3