

Jing Jiang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel Skutterudite CoPb_3 -Based Asymmetric Supercapacitor with Super High Energy Density. <i>Small</i> , 2020, 16, e2000180.	10.0	65
2	Facile Synthesis of Different Morphologies of Cu_2SnS_3 for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26038-26044.	8.0	52
3	Achieving high room-temperature thermoelectric performance in cubic AgCuTe . <i>Journal of Materials Chemistry A</i> , 2020, 8, 4790-4799.	10.3	46
4	Improved thermoelectric properties of SnS synthesized by chemical precipitation. <i>RSC Advances</i> , 2017, 7, 16795-16800.	3.6	43
5	Multicolor Tunable Luminescence Based on $\text{Tb}^{3+}/\text{Eu}^{3+}$ Doping through a Facile Hydrothermal Route. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26184-26190.	8.0	40
6	Thermoelectric Properties of Zintl Phase YbMg_2Sb_2 . <i>Chemistry of Materials</i> , 2020, 32, 776-784.	6.7	40
7	Sulfur-Doped TiO_2 Anchored on a Large-Area Carbon Sheet as a High-Performance Anode for Sodium-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44170-44178.	8.0	32
8	A CoHCF system with enhanced energy conversion efficiency for low-grade heat harvesting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23862-23867.	10.3	29
9	Large reduction of thermal conductivity leading to enhanced thermoelectric performance in p-type Mg_3Bi_2 - YbMg_2Bi_2 solid solutions. <i>Journal of Materials Chemistry C</i> , 2019, 7, 434-440.	5.5	26
10	An Amorphous-Crystalline Nanosheet Arrays Structure for Ultrahigh Electrochemical Performance Supercapattery. <i>Small</i> , 2021, 17, e2102565.	10.0	22
11	Chemical Precipitation Synthesis and Thermoelectric Properties of Copper Sulfide. <i>Journal of Electronic Materials</i> , 2017, 46, 2432-2437.	2.2	21
12	A facile method to synthesize CoV_2O_6 as a high-performance supercapacitor cathode. <i>RSC Advances</i> , 2019, 9, 9475-9479.	3.6	21
13	Suppressed phase transition and enhanced thermoelectric performance in iodine-doped AgCuTe . <i>Nano Energy</i> , 2020, 77, 105297.	16.0	21
14	Three-dimensional coral-like Ni_2P -ACC nanostructure as binder-free electrode for greatly improved supercapacitor. <i>Electrochimica Acta</i> , 2020, 349, 136259.	5.2	21
15	Thermoelectric properties of multi-walled carbon nanotube-embedded Cu_2S thermoelectric materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5177-5184.	2.2	20
16	In-situ growth of flexible 3D hollow tubular Cu_2S nanorods on Cu foam for high electrochemical performance supercapacitor. <i>Journal of Materiomics</i> , 2020, 6, 192-199.	5.7	15
17	High-purity helical carbon nanotubes with enhanced electrochemical properties for supercapacitors. <i>RSC Advances</i> , 2017, 7, 7375-7381.	3.6	14
18	Achieving n-type conduction in YbMg_2Sb_2 -based compounds through defect engineering and doping. <i>Acta Materialia</i> , 2022, 223, 117467.	7.9	11

#	ARTICLE	IF	CITATIONS
19	Enhanced Average Thermoelectric Figure of Merit of p-Type Zintl Phase $Mg_{2-x}ZnSb_{2-x}$ via Zn Vacancy Tuning and Hole Doping. ACS Applied Materials & Interfaces, 2020, 12, 37330-37337.	8.0	10
20	Effect of electrolyte concentration on the tribological performance of MAO coatings on aluminum alloys. Frontiers of Chemical Science and Engineering, 2020, 14, 1065-1071.	4.4	6
21	Mechanical reliability, thermal stability and thermoelectric performance of the transition-metal nitride CrN. Philosophical Magazine Letters, 2020, 100, 128-139.	1.2	5
22	Enhanced Stability and Thermoelectric Performance in $Cu_{1.85-x}Se$ -Based Compounds. ACS Applied Materials & Interfaces, 2021, 13, 37862-37872.	8.0	5
23	Influence of two-tier structuring on the performance of black silicon-based MSM photodetectors. Journal of Materials Science: Materials in Electronics, 2014, 25, 1542-1546.	2.2	2
24	Dual-Population Social Group Optimization Algorithm Based on Human Social Group Behavior Law. IEEE Transactions on Computational Social Systems, 2023, 10, 166-177.	4.4	2
25	Panoramic Scanning Optical Pyrometer for the Temperature Field Measurement of Turbine Components. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	1
26	Multispectral-band radiation thermometry method based on double-stage emissivity neural network. , 2021, , .		1
27	High Electrical Conductivity $AgCuTe_{0.9}Se_{0.1}$ for Supercapacitor Electrode Material. , 2021, , .		0
28	Numerical Simulation of Thermoelectric Based Temperature Control system for CubeSat in Space. , 2021, , .		0