

Jing Jiang

List of Publications by Year in descending order

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839
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#	ARTICLE	IF	CITATIONS
1	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
2	Achieving n-type conduction in YbMg ₂ Sb ₂ -based compounds through defect engineering and doping. Acta Materialia, 2022, 223, 117467.	7.9	11
3	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
4	High Electrical Conductivity AgCuTe _{0.9} Se _{0.1} for Supercapacitor Electrode Material. , 2021, , .		0
5	Enhanced Stability and Thermoelectric Performance in Cu _{1.85} Se-Based Compounds. ACS Applied Materials & Interfaces, 2021, 13, 37862-37872.	8.0	5
6	An Amorphous-Crystalline Nanosheet Arrays Structure for Ultrahigh Electrochemical Performance Supercapattery. Small, 2021, 17, e2102565.	10.0	22
7	Multispectral-band radiation thermometry method based on double-stage emissivity neural network. , 2021, , .		1
8	Numerical Simulation of Thermoelectric Based Temperature Control system for CubeSat in Space. , 2021, , .		0
9	Thermoelectric Properties of Zintl Phase YbMg ₂ Sb ₂ . Chemistry of Materials, 2020, 32, 776-784.	6.7	40
10	Suppressed phase transition and enhanced thermoelectric performance in iodine-doped AgCuTe. Nano Energy, 2020, 77, 105297.	16.0	21
11	Enhanced Average Thermoelectric Figure of Merit of p-Type Zintl Phase Mg ₂ ZnSb ₂ via Zn Vacancy Tuning and Hole Doping. ACS Applied Materials & Interfaces, 2020, 12, 37330-37337.	8.0	10
12	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
13	Novel Skutterudite CoP ₃ -Based Asymmetric Supercapacitor with Super High Energy Density. Small, 2020, 16, e2000180.	10.0	65
14	Three-dimensional coral-like Ni ₂ P-ACC nanostructure as binder-free electrode for greatly improved supercapacitor. Electrochimica Acta, 2020, 349, 136259.	5.2	21
15	Mechanical reliability, thermal stability and thermoelectric performance of the transition-metal nitride CrN. Philosophical Magazine Letters, 2020, 100, 128-139.	1.2	5
16	In-situ growth of flexible 3D hollow tubular Cu ₂ S nanorods on Cu foam for high electrochemical performance supercapacitor. Journal of Materiomics, 2020, 6, 192-199.	5.7	15
17	Achieving high room-temperature thermoelectric performance in cubic AgCuTe. Journal of Materials Chemistry A, 2020, 8, 4790-4799.	10.3	46
18	Sulfur-Doped TiO ₂ Anchored on a Large-Area Carbon Sheet as a High-Performance Anode for Sodium-Ion Battery. ACS Applied Materials & Interfaces, 2019, 11, 44170-44178.	8.0	32

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19	Large reduction of thermal conductivity leading to enhanced thermoelectric performance in p-type $\text{Mg}_{3/2}\text{Bi}_2$ – YbMg_2Bi_2 solid solutions. <i>Journal of Materials Chemistry C</i> , 2019, 7, 434-440.	5.5	26
20	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
21	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
22	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
23	Chemical Precipitation Synthesis and Thermoelectric Properties of Copper Sulfide. <i>Journal of Electronic Materials</i> , 2017, 46, 2432-2437.	2.2	21
24	High-purity helical carbon nanotubes with enhanced electrochemical properties for supercapacitors. <i>RSC Advances</i> , 2017, 7, 7375-7381.	3.6	14
25	Improved thermoelectric properties of SnS synthesized by chemical precipitation. <i>RSC Advances</i> , 2017, 7, 16795-16800.	3.6	43
26	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
27	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
28	Influence of two-tier structuring on the performance of black silicon-based MSM photodetectors. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1542-1546.	2.2	2