

Hanfu Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Flexible n-Type High-Performance Thermoelectric Thin Films of Poly(nickel-ethylene-tetrathiolate) Prepared by an Electrochemical Method. <i>Advanced Materials</i> , 2016, 28, 3351-3358.	21.0	206
2	A flexible spring-shaped architecture with optimized thermal design for wearable thermoelectric energy harvesting. <i>Nano Energy</i> , 2021, 88, 106260.	16.0	93
3	Carbon Nanoparticle Hybrid Aerogels: 3D Double-Interconnected Network Porous Microstructure, Thermoelectric, and Solvent-Removal Functions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21820-21828.	8.0	56
4	A Brief Review on Measuring Methods of Thermal Conductivity of Organic and Hybrid Thermoelectric Materials. <i>Advanced Electronic Materials</i> , 2019, 5, 1900167.	5.1	43
5	A General One-Pot Synthesis Strategy of 3D Porous Hierarchical Networks Crosslinked by Monolayered Nanoparticles Interconnected Nanoplates for Lithium Ion Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1903003.	14.9	16
6	Improved electrochemical activity of the Li ₂ MnO ₃ -like superstructure in high-nickel Li-rich layered oxide Li _{1.2} Ni _{0.4} Mn _{0.4} O ₂ and its enhanced performances via tungsten doping. <i>Electrochimica Acta</i> , 2021, 370, 137808.	5.2	14
7	Enhanced Thermoelectric Properties of Bi ₂ Te ₃ -Based Micro-Nano Fibers via Thermal Drawing and Interfacial Engineering. <i>Advanced Materials</i> , 2022, 34, .	21.0	13
8	Determination of the thermopower of microscale samples with an AC method. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 131, 204-210.	5.0	10
9	Lithium Antievaporation-Loss Engineering via Sodium/Potassium Doping Enables Superior Electrochemical Performance of High-Nickel Li-Rich Layered Oxide Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19594-19603.	8.0	8
10	Impact of electrolyte-permeable microcracks in secondary particles on performance of high nickel layered oxides: negative or positive?. <i>Materials Today Energy</i> , 2022, 24, 100942.	4.7	4
11	Numerical modeling of in-plane thermal conductivity measurement methods based on a suspended membrane setup. <i>International Journal of Heat and Mass Transfer</i> , 2021, 177, 121503.	4.8	2
12	Is there a constant Lorentz number for organic thermoelectric materials?. <i>Applied Materials Today</i> , 2022, 27, 101496.	4.3	2
13	Measuring in-plane thermal conductivity of polymers using a membrane-based modified Å...ngstrÅm method. <i>International Journal of Thermal Sciences</i> , 2022, 179, 107701.	4.9	1