

# Hanfu Wang

## List of Publications by Year in descending order

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13  
papers

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1163117  
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1125743  
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docs citations

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times ranked

773  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Lithium Antievaporation-Loss Engineering via Sodium/Potassium Doping Enables Superior Electrochemical Performance of High-Nickel Li-Rich Layered Oxide Cathodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 19594-19603.	8.0	8
3	Is there a constant Lorentz number for organic thermoelectric materials?. <i>Applied Materials Today</i> , 2022, 27, 101496.	4.3	2
4	Measuring in-plane thermal conductivity of polymers using a membrane-based modified Å...ngstrÅ™m method. <i>International Journal of Thermal Sciences</i> , 2022, 179, 107701.	4.9	1
5	Enhanced Thermoelectric Properties of Bi <sub>2</sub> Te <sub>3</sub> -Based Microâ€“Nano Fibers via Thermal Drawing and Interfacial Engineering. <i>Advanced Materials</i> , 2022, 34, .	21.0	13
6	Improved electrochemical activity of the Li <sub>2</sub> MnO <sub>3</sub> -like superstructure in high-nickel Li-rich layered oxide Li <sub>1.2</sub> Ni <sub>0.4</sub> Mn <sub>0.4</sub> O <sub>2</sub> and its enhanced performances via tungsten doping. <i>Electrochimica Acta</i> , 2021, 370, 137808.	5.2	14
7	A flexible spring-shaped architecture with optimized thermal design for wearable thermoelectric energy harvesting. <i>Nano Energy</i> , 2021, 88, 106260.	16.0	93
8	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
9	A General Oneâ€“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
10	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
11	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
12	Carbon Nanoparticle Hybrid Aerogels: 3D Double-Interconnected Network Porous Microstructure, Thermoelectric, and Solvent-Removal Functions. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 21820-21828.	8.0	56
13	Flexible nâ€“Type Highâ€“Performance Thermoelectric Thin Films of Poly(nickelâ€“ethylenetetra-thiolate) Prepared by an Electrochemical Method. <i>Advanced Materials</i> , 2016, 28, 3351-3358.	21.0	206