

Yan-Wei

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

713
citations

933447

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h-index

794594

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all docs

19
docs citations

19
times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	Binder-free 2D titanium carbide (MXene)/carbon nanotube composites for high-performance lithium-ion capacitors. <i>Nanoscale</i> , 2018, 10, 5906-5913.	5.6	212
2	Rational design of nano-architecture composite hydrogel electrode towards high performance Zn-ion hybrid cell. <i>Nanoscale</i> , 2018, 10, 13083-13091.	5.6	101
3	A general route for the mass production of graphene-enhanced carbon composites toward practical pouch lithium-ion capacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 15654-15664.	10.3	69
4	Improving anode performances of lithium-ion capacitors employing carbon@Si composites. <i>Rare Metals</i> , 2019, 38, 1113-1123.	7.1	65
5	Recent Advances in MXenes for Lithium-Ion Capacitors. <i>ACS Omega</i> , 2020, 5, 75-82.	3.5	53
6	Structural evolution of mesoporous graphene/LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ composite cathode for Li-ion battery. <i>Rare Metals</i> , 2021, 40, 521-528.	7.1	43
7	Boosting solid-state flexible supercapacitors by employing tailored hierarchical carbon electrodes and a high-voltage organic gel electrolyte. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24979-24987.	10.3	39
8	Recent progress of graphene-based materials in lithium-ion capacitors. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 143001.	2.8	36
9	Rapid Ion Transport Induced by the Enhanced Interaction in Composite Polymer Electrolyte for All-Solid-State Lithium-Metal Batteries. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10603-10609.	4.6	23
10	High-performance solid-state Zn batteries based on a free-standing organic cathode and metal Zn anode with an ordered nano-architecture. <i>Nanoscale Advances</i> , 2020, 2, 296-303.	4.6	21
11	Additives to propylene carbonate-based electrolytes for lithium-ion capacitors. <i>Rare Metals</i> , 2022, 41, 1304-1313.	7.1	13
12	Fabrication and Test of Diameter 35 mm Iron-Based Superconductor Coils. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, 30, 1-4.	1.7	9
13	Critical Current Density and Flux Pinning Mechanism in Flat-Rolled Sr-122/Ag Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	8
14	Transport Critical Current Density in Single-Core Composite Ba122 Superconducting Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-4.	1.7	7
15	Critical Currents of 100-m Class Ag-Sheathed Sr0.6K0.4Fe2As2 Tape Under Various Temperatures, Magnetic Fields, and Angles. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-5.	1.7	4
16	Effect of C Doping Level and the Ratio of Mg to B on the MgB ₂ Wires Fabricated by Internal Mg Diffusion Method. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-5.	1.7	4
17	Effect of Bending Before Annealing on Current-Carrying Properties of Iron-Based Superconducting Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2022, 32, 1-4.	1.7	3
18	Properties of seven-filament Cu/Ag-sheathed (Ba,K)Fe ₂ As ₂ tapes fabricated from round and square wires. <i>Rare Metals</i> , 2021, 40, 3651-3659.	7.1	2

#	ARTICLE	IF	CITATIONS
19	Characterization of Spatial Distribution of Local Critical Current Density in a Co-Doped BaFe ₂ As ₂ Film Based on Magnetic Microscopy. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-4.	1.7	1