

Jian Wei

List of Publications by Year in descending order

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28
papers

630
citations

687363

13
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous carbon/Co ₃ S ₄ hollow polyhedron as sulfur carrier to enhance cyclic stability for lithium-sulfur batteries. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 392-403.	2.1	1
2	Boosting power factor of thermoelectric cementitious composites by a unique CNT pretreatment process with low carbon content. Energy and Buildings, 2022, 254, 111617.	6.7	16
3	Synergy of reduced graphene oxide and metal oxides improves the power factor of thermoelectric cement matrix composites. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 801-813.	2.1	10
4	Recent advances in thermoelectric technology to harvest energy from the pavement. International Journal of Energy Research, 2022, 46, 10453-10474.	4.5	10
5	Enhanced electrochemical performance of cobalt oxide layers coated LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ by polyvinylpyrrolidone-assisted method cathode for Li-ion batteries. Journal of Colloid and Interface Science, 2022, 616, 520-531.	9.4	16
6	Controllable Synthesis of Mo ₃ C ₂ Encapsulated by N-Doped Carbon Microspheres to Achieve Highly Efficient Microwave Absorption at Full Wavebands: From Lemon-like to Fig-like Morphologies. Inorganic Chemistry, 2022, 61, 6281-6294.	4.0	7
7	Synergistic optimization of thermoelectric performance in cementitious composites by lithium carbonate and carbon nanotubes. International Journal of Energy Research, 2021, 45, 2460-2473.	4.5	9
8	Dramatically Improved Thermoelectric Properties by Defect Engineering in Cement-Based Composites. ACS Applied Materials & Interfaces, 2021, 13, 3919-3929.	8.0	20
9	Enhanced thermoelectric properties of cement-based composites by Cl ₂ /HNO ₃ pretreatment of graphene. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 982-990.	2.1	9
10	Hollow C/Co ₉ S ₈ hybrid polyhedra-modified carbon nanofibers as sulfur hosts for promising Li-S batteries. Ceramics International, 2021, 47, 25387-25397.	4.8	13
11	Enhanced thermoelectric performance of low carbon cement-based composites by reduced graphene oxide. Energy and Buildings, 2021, 250, 111279.	6.7	24
12	Record high thermoelectric performance of expanded graphite/carbon fiber cement composites enhanced by ionic liquid 1-butyl-3-methylimidazolium bromide for building energy harvesting. Journal of Materials Chemistry C, 2021, 9, 3682-3691.	5.5	12
13	Optimized Nanopores Opened on N-Doped Carbon Nanohorns Filled with Fe/Fe ₂ O ₃ Nanoparticles as Advanced Electrocatalysts for the Oxygen Evolution Reaction. Inorganic Chemistry, 2021, 60, 16529-16537.	4.0	12
14	Photoluminescence property of inexpensive flexible SiC nanowires membrane by electrospinning and carbothermal reduction. Journal of the American Ceramic Society, 2020, 103, 6187-6197.	3.8	22
15	Effect of porosity and crack on the thermoelectric properties of expanded graphite/carbon fiber reinforced cement-based composites. International Journal of Energy Research, 2020, 44, 6885-6893.	4.5	24
16	Multifunctional Co ₉ S ₈ nanotubes for high-performance lithium-sulfur batteries. Journal of Electroanalytical Chemistry, 2019, 837, 184-190.	3.8	18
17	Microwave Absorption Properties of Uniform Ultra-Long SiC Nanowires. Journal of Nanoscience and Nanotechnology, 2018, 18, 1224-1231.	0.9	7
18	Thermoelectric properties of carbon nanotube reinforced cement-based composites fabricated by compression shear. Ceramics International, 2018, 44, 5829-5833.	4.8	60

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19	Enhanced thermoelectric properties of cement-based composites with expanded graphite for climate adaptation and large-scale energy harvesting. <i>Energy and Buildings</i> , 2018, 159, 66-74.	6.7	79
20	Nitrogen-doped SiC/SiO _x nanowire heterostructure synthesized by pyrolysis deposition of phthalocyanine derivative. <i>Ceramics International</i> , 2018, 44, 20375-20379.	4.8	6
21	Effect of moisture on the thermoelectric properties in expanded graphite/carbon fiber cement composites. <i>Ceramics International</i> , 2017, 43, 10763-10769.	4.8	43
22	Enhanced thermoelectric properties of carbon fiber reinforced cement composites. <i>Ceramics International</i> , 2016, 42, 11568-11573.	4.8	63
23	High Enhanced Efficiency and Mechanism of Ultra-Long SiC Nanowires in Composites. <i>Advanced Engineering Materials</i> , 2015, 17, 539-544.	3.5	8
24	Energy harvesting from solar irradiation in cities using the thermoelectric behavior of carbon fiber reinforced cement composites. <i>RSC Advances</i> , 2014, 4, 48128-48134.	3.6	59
25	Enhanced thermoelectric effect of carbon fiber reinforced cement composites by metallic oxide/cement interface. <i>Ceramics International</i> , 2014, 40, 8261-8263.	4.8	51
26	Synthesis and Growth Mechanism of SiC/SiO ₂ Nanochains Heterostructure by Catalyst-Free Chemical Vapor Deposition. <i>Journal of the American Ceramic Society</i> , 2013, 96, 627-633.	3.8	15
27	Alumina Nano-Wires and Nano-Belts Fabricated by an Effective Chemical Etching of PAA Template. <i>Applied Mechanics and Materials</i> , 0, 320, 363-368.	0.2	0
28	Thermoelectric Power of Carbon Fiber Reinforced Cement Composites Enhanced by Ca ₃ Co ₄ O ₉ . <i>Applied Mechanics and Materials</i> , 0, 320, 354-357.	0.2	16