

Qing Wang

List of Publications by Year in descending order

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35
papers

1,148
citations

394421

19
h-index

395702

33
g-index

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all docs

35
docs citations

35
times ranked

952
citing authors

#	ARTICLE	IF	CITATIONS
1	A nanosized SnSb alloy confined in N-doped 3D porous carbon coupled with ether-based electrolytes toward high-performance potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14309-14318.	10.3	157
2	High performance potassium-ion battery anode based on biomorphic N-doped carbon derived from walnut septum. <i>Journal of Power Sources</i> , 2019, 415, 165-171.	7.8	139
3	Coal-based S hybrid self-doped porous carbon for high-performance supercapacitors and potassium-ion batteries. <i>Journal of Power Sources</i> , 2020, 461, 228151.	7.8	99
4	Biomorphic carbon derived from corn husk as a promising anode materials for potassium ion battery. <i>Electrochimica Acta</i> , 2019, 324, 134902.	5.2	64
5	Hierarchically nitrogen-doped carbon wrapped Ni _{0.6} Fe _{0.4} Se ₂ binary-metal selenide nanocubes with extraordinary rate performance and high pseudocapacitive contribution for sodium-ion anodes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1610-1622.	10.3	52
6	BiSb@Bi ₂ O ₃ /SbO _x encapsulated in porous carbon as anode materials for sodium/potassium-ion batteries with a high pseudocapacitive contribution. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 429-438.	9.4	47
7	Rational Design of Yolk-Shell Zn _{0.5} Co _{0.5} Se@N-Doped Dual Carbon Architectures as Long-Life and High-Rate Anodes for Half/Full Na-Ion Batteries. <i>Small</i> , 2021, 17, e2101887.	10.0	46
8	Walnut septum-derived hierarchical porous carbon for ultra-high-performance supercapacitors. <i>Rare Metals</i> , 2022, 41, 2280-2291.	7.1	46
9	Nitrogen-Coordinated CoS ₂ @NC Yolk-Shell Polyhedrons Catalysts Derived from a Metal-Organic Framework for a Highly Reversible Li-O ₂ Battery. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17658-17667.	8.0	43
10	Sulfur-doped 3D hierarchical porous carbon network toward excellent potassium-ion storage performance. <i>Rare Metals</i> , 2021, 40, 2464-2473.	7.1	41
11	Optimization of Synergistic Leaching of Valuable Metals from Spent Lithium-Ion Batteries by the Sulfuric Acid-Malonic Acid System Using Response Surface Methodology. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11359-11374.	8.0	38
12	Stable Electrochemical Properties of Magnesium-Doped Co-Free Layered P2-Type Na _{0.67} Ni _{0.33} Mn _{0.67} O ₂ Cathode Material for Sodium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4994-5004.	6.7	38
13	Ultrasound-assisted two-step water-bath synthesis of g-C ₃ N ₄ /BiOBr composites: visible light-driven photocatalysis, sterilization, and reaction mechanism. <i>New Journal of Chemistry</i> , 2019, 43, 8711-8721.	2.8	35
14	Novel P2-type layered medium-entropy ceramics oxide as cathode material for sodium-ion batteries. <i>Journal of Advanced Ceramics</i> , 2022, 11, 158-171.	17.4	35
15	A Simple and Low-Cost Method to Synthesize Cr-Doped Fe ₂ O ₃ Electrode Materials for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 856-864.	3.4	30
16	Biocarbon with different microstructures derived from corn husks and their potassium storage properties. <i>Rare Metals</i> , 2021, 40, 3166-3174.	7.1	30
17	Fabrication of Porous Carbon with Controllable Nitrogen Doping as Anode for High-Performance Potassium-Ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 3699-3707.	3.4	28
18	Facile hydrothermal synthesis of urchin-like NiCo ₂ O ₄ as advanced electrochemical pseudocapacitor materials. <i>International Journal of Energy Research</i> , 2021, 45, 20186-20198.	4.5	28

#	ARTICLE	IF	CITATIONS
19	Recent Advances on Spinel Zinc Manganate Cathode Materials for Zinc-ion Batteries. Chemical Record, 2022, 22, .	5.8	22
20	Synthesis and electrochemical properties of LiFePO ₄ cathode material by ionic thermal method using eutectic mixture of tetramethyl ammonium chloride-urea. Rare Metals, 2021, 40, 3477-3484.	7.1	19
21	Hydrothermal synthesis of nano spheroid-like ZnMn ₂ O ₄ materials as high-performance anodes for lithium-ion batteries. International Journal of Energy Research, 2021, 45, 18081-18090.	4.5	13
22	Preparation and electrochemical properties of Al ^F -co-doped spinel LiMn ₂ O ₄ single-crystal material for lithium-ion battery. International Journal of Energy Research, 2021, 45, 21158-21169.	4.5	13
23	Carbothermal reduction preparation and performance of LiFePO ₄ /C by using ammonium jarosite extracted from vanadium slag as iron source. Ionics, 2019, 25, 5725-5734.	2.4	11
24	In Situ Construction of Multibuffer Structure 3D CoSn@SnO _x /C Anode Material for Ultralong Life Lithium Storage. Energy Technology, 2020, 8, 1900829.	3.8	11
25	Dual-phase structure design of Mn-site nickel doping Li ₂ MnSiO ₄ @C cathode material for improved electrochemical lithium storage performance. International Journal of Energy Research, 2021, 45, 14720-14731.	4.5	11
26	N-doped hollow carbon spheres as a high-performance anode for potassium-based dual-ion battery. Journal of Energy Storage, 2022, 54, 105285.	8.1	11
27	Biomass CQDs derivate carbon as high-performance anode for K-ion battery. Journal of Alloys and Compounds, 2022, 922, 166260.	5.5	11
28	Two-position intrinsic element complement: Synthesis and electrochemical properties of Li _{2-x} Mn _{1-x} SiO ₄ @carbon as cathode materials for lithium batteries. International Journal of Energy Research, 2021, 45, 16922-16931.	4.5	7
29	CuS nanoblocks embedded in the three-dimensional porous carbon as composite anode materials for high-performance lithium-ion battery. Ionics, 2021, 27, 897-905.	2.4	6
30	P ₂ K ₂ O ₇ Fe ₂ O ₇ Mg ₂ from earth-abundant elements for rechargeable potassium ion battery. Energy Storage, 2022, 4, e277.	4.3	4
31	Controllable synthesis of polystyrene microspheres used as template and in-situ carbon source for Li ₂ MnSiO ₄ cathode material to boost lithium-ion batteries performance. International Journal of Energy Research, 2022, 46, 1711-1721.	4.5	4
32	High cycling stability graphite cathode modified by artificial CEI for potassium-based dual-ion batteries. Journal of Alloys and Compounds, 2022, 918, 165436.	5.5	4
33	High-performance LiFePO ₄ cathode material was prepared by multiple intensification process with acid-washed iron red as raw material. International Journal of Energy Research, 2021, 45, 18245-18256.	4.5	3
34	Ultrahigh capacity potassium-based dual carbon batteries with a high concentration electrolyte. Sustainable Energy and Fuels, 0, , .	4.9	2
35	Tuning the structural stability and spin-glass behavior in Î±-MnO ₂ nanotubes by Sn ion doping. Physical Chemistry Chemical Physics, 2022, , .	2.8	0