

Wei Qin

List of Publications by Year in descending order

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39
papers

2,427
citations

172207

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3564
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly stable 3D hierarchical manganese sulfide multi-layer nanoflakes with excellent electrochemical performances for supercapacitor electrodes. <i>Journal of Alloys and Compounds</i> , 2022, 894, 162390.	2.8	22
2	Insights on the mechanism of Na-ion storage in expanded graphite anode. <i>Journal of Energy Chemistry</i> , 2021, 53, 56-62.	7.1	36
3	Editorial: Porous Nanomaterials for Superior Energy Storage Devices. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	0
4	Novel Sepiolite-Based Materials for Lithium and Sodium Ion Storage. <i>Energy Technology</i> , 2020, 8, 1901262.	1.8	12
5	Advanced Sulfonated Poly(Ether Ether Ketone)/Graphene-Oxide/Titanium Dioxide Nanoparticle Compositing Membrane with Superior Cyclability for Vanadium Redox Flow Battery. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 4714-4721.	0.9	35
6	Mini-Review on the Redox Additives in Aqueous Electrolyte for High Performance Supercapacitors. <i>ACS Omega</i> , 2020, 5, 3801-3808.	1.6	142
7	Co ₉ S ₈ nanoparticles embedded into amorphous carbon as anode materials for lithium-ion batteries. <i>Nanotechnology</i> , 2020, 31, 235713.	1.3	28
8	Graphene-attached vanadium sulfide composite prepared via microwave-assisted hydrothermal method for high performance lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155073.	2.8	30
9	Facile synthesis of few-layer g-C ₃ N ₄ nanosheets anchored with cubic-phase CdS nanocrystals for high photocatalytic hydrogen generation activity. <i>Journal of Alloys and Compounds</i> , 2020, 839, 155684.	2.8	42
10	Enhanced electrochemical behaviors of carbon felt electrode using redox-active electrolyte for all-solid-state supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 12-18.	5.0	22
11	Formation of needle-like porous CoNi ₂ S ₄ -MnOOH for high performance hybrid supercapacitors with high energy density. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 125-132.	5.0	36
12	Mesoporous aluminium manganese cobalt oxide with pentahedron structures for energy storage devices. <i>Journal of Materials Chemistry A</i> , 2019, 7, 18417-18427.	5.2	49
13	Carboxymethyl Cellulose Binder Greatly Stabilizes Porous Hollow Carbon Submicrospheres in Capacitive K-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15581-15590.	4.0	58
14	Co ₂ P@NiCo ₂ O ₄ bi-functional electrocatalyst with low overpotential for water splitting in wide range pH electrolytes. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 55-63.	5.0	34
15	Laser modification-induced NiCo ₂ O ₄ with high exterior Ni ³⁺ /Ni ²⁺ ratio and substantial oxygen vacancies for electrocatalysis. <i>Electrochimica Acta</i> , 2019, 297, 623-632.	2.6	46
16	Rational design of MoS ₂ -reduced graphene oxide sponges as free-standing anodes for sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2018, 332, 260-266.	6.6	159
17	CuS/RGO hybrid photocatalyst for full solar spectrum photoreduction from UV/Vis to near-infrared light. <i>Journal of Colloid and Interface Science</i> , 2018, 517, 80-85.	5.0	58
18	Facile and scalable production of amorphous nickel borate for high performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19689-19695.	5.2	38

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19	Sulphur-doped reduced graphene oxide sponges as high-performance free-standing anodes for K-ion storage. <i>Nano Energy</i> , 2018, 53, 415-424.	8.2	194
20	Hierarchical layered Ni ₃ S ₂ -graphene hybrid composites for efficient photocatalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2017, 496, 254-260.	5.0	29
21	Significantly Improved Sodium-Ion Storage Performance of CuS Nanosheets Anchored into Reduced Graphene Oxide with Ether-Based Electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2309-2316.	4.0	149
22	Novel cake-like N-doped anatase/rutile mixed phase TiO ₂ derived from metal-organic frameworks for visible light photocatalysis. <i>Ceramics International</i> , 2017, 43, 835-840.	2.3	54
23	Metal-organic frameworks derived cake-like anatase/rutile mixed phase TiO ₂ for highly efficient photocatalysis. <i>Journal of Alloys and Compounds</i> , 2017, 690, 640-646.	2.8	71
24	One-step microwave-assisted synthesis of Sb ₂ O ₃ /reduced graphene oxide composites as advanced anode materials for sodium-ion batteries. <i>Ceramics International</i> , 2016, 42, 15634-15642.	2.3	46
25	Scalable synthesis and superior performance of TiO ₂ -reduced graphene oxide composite anode for sodium-ion batteries. <i>Ionics</i> , 2016, 22, 555-562.	1.2	22
26	ZnS nanoparticles embedded in reduced graphene oxide as high performance anode material of sodium-ion batteries. <i>Electrochimica Acta</i> , 2016, 191, 435-443.	2.6	116
27	Nitrogen-doped carbon microspheres derived from oatmeal as high capacity and superior long life anode material for sodium ion battery. <i>Electrochimica Acta</i> , 2016, 191, 385-391.	2.6	99
28	Layered nickel sulfide-reduced graphene oxide composites synthesized via microwave-assisted method as high performance anode materials of sodium-ion batteries. <i>Journal of Power Sources</i> , 2016, 302, 202-209.	4.0	107
29	Novel reduced graphene oxide wrapped Bi _{2.38} Mo _{0.81} O ₆ microspheres for highly efficient visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2015, 458, 235-240.	5.0	15
30	GeO ₂ decorated reduced graphene oxide as anode material of sodium ion battery. <i>Electrochimica Acta</i> , 2015, 173, 193-199.	2.6	56
31	MgFe ₂ O ₄ /reduced graphene oxide composites as high-performance anode materials for sodium ion batteries. <i>Electrochimica Acta</i> , 2015, 180, 616-621.	2.6	47
32	Metal-organic framework derived porous CuO/Cu ₂ O composite hollow octahedrons as high performance anode materials for sodium ion batteries. <i>Chemical Communications</i> , 2015, 51, 16413-16416.	2.2	115
33	MoS ₂ -reduced graphene oxide composites via microwave assisted synthesis for sodium ion battery anode with improved capacity and cycling performance. <i>Electrochimica Acta</i> , 2015, 153, 55-61.	2.6	170
34	Enhanced visible light photocatalytic degradation of Rhodamine B by Bi/Bi ₂ MoO ₆ hollow microsphere composites. <i>RSC Advances</i> , 2014, , .	1.7	0
35	MoS ₂ -reduced graphene oxide composites synthesized via a microwave-assisted method for visible-light photocatalytic degradation of methylene blue. <i>RSC Advances</i> , 2014, 4, 9647.	1.7	126
36	Porous nitrogen-doped carbon microspheres as anode materials for lithium ion batteries. <i>Dalton Transactions</i> , 2014, 43, 14931-14935.	1.6	90

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37	Skin dominance of the dielectricâ€™electronicâ€™phononicâ€™photonic attribute of nanoscaled silicon. Surface Science Reports, 2013, 68, 418-445.	3.8	22
38	Bond Order Resolved $3d^{5/2}$ and Valence Band Chemical Shifts of Ag Surfaces and Nanoclusters. Journal of Physical Chemistry A, 2012, 116, 7892-7897.	1.1	11
39	Correlation between the band gap, elastic modulus, Raman shift and melting point of CdS, ZnS, and CdSe semiconductors and their size dependency. Nanoscale, 2012, 4, 1304.	2.8	41