Wei Qin

List of Publications by Year
in descending order

39 papers	2,427 citations	172457 29 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	3564 citing authors

#	Article	IF	Citations
1	Sulphur-doped reduced graphene oxide sponges as high-performance free-standing anodes for K-ion storage. Nano Energy, 2018, 53, 415-424.	16.0	194
2	MoS2-reduced graphene oxide composites via microwave assisted synthesis for sodium ion battery anode with improved capacity and cycling performance. Electrochimica Acta, 2015, 153, 55-61.	5.2	170
3	Rational design of MoS2-reduced graphene oxide sponges as free-standing anodes for sodium-ion batteries. Chemical Engineering Journal, 2018, 332, 260-266.	12.7	159
4	Significantly Improved Sodium-Ion Storage Performance of CuS Nanosheets Anchored into Reduced Graphene Oxide with Ether-Based Electrolyte. ACS Applied Materials & Interfaces, 2017, 9, 2309-2316.	8.0	149
5	Mini-Review on the Redox Additives in Aqueous Electrolyte for High Performance Supercapacitors. ACS Omega, 2020, 5, 3801-3808.	3.5	142
6	MoS2â€“reduced graphene oxide composites synthesized via a microwave-assisted method for visible-light photocatalytic degradation of methylene blue. RSC Advances, 2014, 4, 9647.	3.6	126
7	ZnS nanoparticles embedded in reduced graphene oxide as high performance anode material of sodium-ion batteries. Electrochimica Acta, 2016, 191, 435-443.	5.2	116
8	Metalâ€“organic framework derived porous CuO/Cu₂O composite hollow octahedrons as high performance anode materials for sodium ion batteries. Chemical Communications, 2015, 51, 16413-16416.	4.1	115
9	Layered nickel sulfide-reduced graphene oxide composites synthesized via microwave-assisted method as high performance anode materials of sodium-ion batteries. Journal of Power Sources, 2016, 302, 202-209.	7.8	107
10	Nitrogen-doped carbon microspheres derived from oatmeal as high capacity and superior long life anode material for sodium ion battery. Electrochimica Acta, 2016, 191, 385-391.	5.2	99
11	Porous nitrogen-doped carbon microspheres as anode materials for lithium ion batteries. Dalton Transactions, 2014, 43, 14931-14935.	3.3	90
12	Metal-organic frameworks derived cake-like anatase/rutile mixed phase TiO2 for highly efficient photocatalysis. Journal of Alloys and Compounds, 2017, 690, 640-646.	5.5	71
13	CuS/RGO hybrid photocatalyst for full solar spectrum photoreduction from UV/Vis to near-infrared light. Journal of Colloid and Interface Science, 2018, 517, 80-85.	9.4	58
14	Carboxymethyl Cellulose Binder Greatly Stabilizes Porous Hollow Carbon Submicrospheres in Capacitive K-Ion Storage. ACS Applied Materials & Interfaces, 2019, 11, 15581-15590.	8.0	58
15	GeO 2 decorated reduced graphene oxide as anode material of sodium ion battery. Electrochimica Acta, 2015, 173, 193-199.	5.2	56
16	Novel cake-like N-doped anatase/rutile mixed phase TiO2 derived from metal-organic frameworks for visible light photocatalysis. Ceramics International, 2017, 43, 835-840.	4.8	54
17	Mesoporous aluminium manganese cobalt oxide with pentahedron structures for energy storage devices. Journal of Materials Chemistry A, 2019, 7, 18417-18427.	10.3	49
18	MgFe2O4/reduced graphene oxide composites as high-performance anode materials for sodium ion batteries. Electrochimica Acta, 2015, 180, 616-621.	5.2	47

#	Article	IF	Citations
19	One-step microwave-assisted synthesis of Sb2O3/reduced graphene oxide composites as advanced anode materials for sodium-ion batteries. Ceramics International, 2016, 42, 15634-15642.	4.8	46
20	Laser modification-induced NiCo2O4-Î´ with high exterior Ni3+/Ni2+ ratio and substantial oxygen vacancies for electrocatalysis. Electrochimica Acta, 2019, 297, 623-632.	5.2	46
21	Facile synthesis of few-layer g-C3N4 nanosheets anchored with cubic-phase CdS nanocrystals for high photocatalytic hydrogen generation activity. Journal of Alloys and Compounds, 2020, 839, 155684.	5.5	42
22	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.	5.6	41
23	Facile and scalable production of amorphous nickel borate for high performance hybrid supercapacitors. Journal of Materials Chemistry A, 2018, 6, 19689-19695.	10.3	38
24	Formation of needle-like porous CoNi2S4-MnOOH for high performance hybrid supercapacitors with high energy density. Journal of Colloid and Interface Science, 2019, 554, 125-132.	9.4	36
25	Insights on the mechanism of Na-ion storage in expanded graphite anode. Journal of Energy Chemistry, 2021, 53, 56-62.	12.9	36
26	Advanced Sulfonated Poly(Ether Ether Ketone)/Graphene-Oxide/Titanium Dioxide Nanoparticle Composited Membrane with Superior Cyclability for Vanadium Redox Flow Battery. Journal of Nanoscience and Nanotechnology, 2020, 20, 4714-4721.	0.9	35
27	Co2P@NiCo2O4 bi-functional electrocatalyst with low overpotential for water splitting in wide range pH electrolytes. Journal of Colloid and Interface Science, 2019, 534, 55-63.	9.4	34
28	Graphene-attached vanadium sulfide composite prepared via microwave-assisted hydrothermal method for high performance lithium ion batteries. Journal of Alloys and Compounds, 2020, 834, 155073.	5.5	30
29	Hierarchical layered Ni3S2-graphene hybrid composites for efficient photocatalytic reduction of Cr(VI). Journal of Colloid and Interface Science, 2017, 496, 254-260.	9.4	29
30	Co₉S₈ nanoparticles embedded into amorphous carbon as anode materials for lithium-ion batteries. Nanotechnology, 2020, 31, 235713.	2.6	28
31	Skin dominance of the dielectricâ€“electronicâ€“phononicâ€“photonic attribute of nanoscaled silicon. Surface Science Reports, 2013, 68, 418-445.	7.2	22
32	Scalable synthesis and superior performance of TiO2-reduced graphene oxide composite anode for sodium-ion batteries. Ionics, 2016, 22, 555-562.	2.4	22
33	Enhanced electrochemical behaviors of carbon felt electrode using redox-active electrolyte for all-solid-state supercapacitors. Journal of Colloid and Interface Science, 2020, 577, 12-18.	9.4	22
34	Highly stable 3D hierarchical manganese sulfide multi-layer nanoflakes with excellent electrochemical performances for supercapacitor electrodes. Journal of Alloys and Compounds, 2022, 894, 162390.	5.5	22
35	Novel reduced graphene oxide wrapped Bi2.38Mo0.81O6 microspheres for highly efficient visible light photocatalysis. Journal of Colloid and Interface Science, 2015, 458, 235-240.	9.4	15
36	Novel Sepioliteâ€Based Materials for Lithiumâ€•and Sodiumâ€Ion Storage. Energy Technology, 2020, 8, 1901262.	3.8	12

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37	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.	2.5	11
38	Enhanced visible light photocatalytic degradation of Rhodamine B by Bi/Bi2MoO6 hollow microsphere composites. RSC Advances, 2014, , .	3.6	0
39	Editorial: Porous Nanomaterials for Superior Energy Storage Devices. Frontiers in Materials, 2021, 8, .	2.4	0