

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

149 papers	5,974 citations	44 h-index	71 g-index
153 ext. papers	7,645 ext. citations	8.6 avg, IF	6.37 L-index

#	Paper	IF	Citations
149	Electrospun carbon nanofibers as anode materials for sodium ion batteries with excellent cycle performance. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4117	13	238
148	An advanced CoSe embedded within porous carbon polyhedra hybrid for high performance lithium-ion and sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2017 , 325, 14-24	14.7	174
147	Enhanced visible light photocatalytic degradation of methylene blue by F-doped TiO ₂ . <i>Applied Surface Science</i> , 2014 , 319, 107-112	6.7	159
146	Metal-Phosphide-Containing Porous Carbons Derived from an Ionic-Polymer Framework and Applied as Highly Efficient Electrochemical Catalysts for Water Splitting. <i>Advanced Functional Materials</i> , 2015 , 25, 3899-3906	15.6	159
145	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	6.7	154
144	An ultra-high energy density flexible asymmetric supercapacitor based on hierarchical fabric decorated with 2D bimetallic oxide nanosheets and MOF-derived porous carbon polyhedra. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 946-957	13	148
143	Carbon-incorporated Janus-type Ni ₂ P/Ni hollow spheres for high performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19054-19061	13	137
142	ZnS nanoparticles decorated on nitrogen-doped porous carbon polyhedra: a promising anode material for lithium-ion and sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20428-20438	13	135
141	Metal-organic frameworks derived yolk-shell ZnO/NiO microspheres as high-performance anode materials for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2018 , 335, 579-589	14.7	131
140	Sulphur-doped reduced graphene oxide sponges as high-performance free-standing anodes for K-ion storage. <i>Nano Energy</i> , 2018 , 53, 415-424	17.1	129
139	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	9.5	113
138	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	14.7	111
137	Design of pomegranate-like clusters with NiS ₂ nanoparticles anchored on nitrogen-doped porous carbon for improved sodium ion storage performance. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6595-6605	13	110
136	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	3.7	107
135	Improved sodium-ion storage performance of Ti ₃ C ₂ T _x MXenes by sulfur doping. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1234-1243	13	104
134	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, 16413-6	5.8	98
133	Long-Lived Room-Temperature Phosphorescence for Visual and Quantitative Detection of Oxygen. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12102-12106	16.4	97

132	ZnS nanoparticles embedded in reduced graphene oxide as high performance anode material of sodium-ion batteries. <i>Electrochimica Acta</i> , 2016 , 191, 435-443	6.7	97
131	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	8.9	97
130	Rational design of metal organic framework-derived FeS hollow nanocages@reduced graphene oxide for K-ion storage. <i>Nanoscale</i> , 2018 , 10, 17092-17098	7.7	97
129	MXene-decorated SnS ₂ /Sn ₃ S ₄ hybrid as anode material for high-rate lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2020 , 380, 122590	14.7	97
128	Surface hydrogen bonding can enhance photocatalytic H ₂ evolution efficiency. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 14089	13	89
127	In situ growth of Sb ₂ S ₃ on multiwalled carbon nanotubes as high-performance anode materials for sodium-ion batteries. <i>Electrochimica Acta</i> , 2017 , 228, 436-446	6.7	83
126	A Robust Solid Electrolyte Interphase Layer Augments the Ion Storage Capacity of Bimetallic-Sulfide-Containing Potassium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14740-14747	16.4	83
125	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	6.7	78
124	In-situ encapsulation of Ni ₃ S ₂ nanoparticles into N-doped interconnected carbon networks for efficient lithium storage. <i>Chemical Engineering Journal</i> , 2019 , 378, 122108	14.7	73
123	Novel Bi ₂ MoO ₆ /TiO ₂ heterostructure microspheres for degradation of benzene series compound under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , 2016 , 463, 145-53	9.3	72
122	Hyperbranched Polymer Functionalized Carbon Dots with Multistimuli-Responsive Property.. <i>ACS Macro Letters</i> , 2013 , 2, 1033-1037	6.6	72
121	Mini-Review on the Redox Additives in Aqueous Electrolyte for High Performance Supercapacitors. <i>ACS Omega</i> , 2020 , 5, 3801-3808	3.9	71
120	Facile Synthesis of Efficient Luminogens with AIE Features for Three-Photon Fluorescence Imaging of the Brain through the Intact Skull. <i>Advanced Materials</i> , 2020 , 32, e2000364	24	62
119	Self-assembled 3D flower-like Fe ₃ O ₄ /C architecture with superior lithium ion storage performance. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24940-24948	13	62
118	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	5.7	60
117	K-Ion Storage Enhancement in Sb ₂ O ₃ /Reduced Graphene Oxide Using Ether-Based Electrolyte. <i>Advanced Energy Materials</i> , 2020 , 10, 1903455	21.8	59
116	Metal-organic frameworks converted flower-like hybrid with Co ₃ O ₄ nanoparticles decorated on nitrogen-doped carbon sheets for boosted lithium storage performance. <i>Chemical Engineering Journal</i> , 2018 , 354, 172-181	14.7	55
115	Sn doped TiO ₂ nanotube with oxygen vacancy for highly efficient visible light photocatalysis. <i>Journal of Alloys and Compounds</i> , 2016 , 679, 454-462	5.7	54

114	Visible light photocatalytic degradation of methylene blue by SnO ₂ quantum dots prepared via microwave-assisted method. <i>Catalysis Science and Technology</i> , 2013 , 3, 1805	5.5	52
113	Facile dual doping strategy via carbonization of covalent organic frameworks to prepare hierarchically porous carbon spheres for membrane capacitive deionization. <i>Chemical Communications</i> , 2018 , 54, 14009-14012	5.8	51
112	Construction of highly dispersed mesoporous bimetallic-sulfide nanoparticles locked in N-doped graphitic carbon nanosheets for high energy density hybrid flexible pseudocapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 17435-17445	13	50
111	GeO ₂ decorated reduced graphene oxide as anode material of sodium ion battery. <i>Electrochimica Acta</i> , 2015 , 173, 193-199	6.7	47
110	Mesoporous yolk-shell structure Bi ₂ MoO ₆ microspheres with enhanced visible light photocatalytic activity. <i>Ceramics International</i> , 2015 , 41, 8592-8598	5.1	46
109	Synergistic coupling of NiS _{1.03} nanoparticle with S-doped reduced graphene oxide for enhanced lithium and sodium storage. <i>Chemical Engineering Journal</i> , 2021 , 407, 127199	14.7	46
108	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	9.3	45
107	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	5.1	45
106	Interfacial Approach toward Benzene-Bridged Polypyrrole FilmBased Micro-Supercapacitors with Ultrahigh Volumetric Power Density. <i>Advanced Functional Materials</i> , 2020 , 30, 1908243	15.6	45
105	Carboxymethyl Cellulose Binder Greatly Stabilizes Porous Hollow Carbon Submicrospheres in Capacitive K-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15581-15590	9.5	44
104	Synergetic effect of TiO ₂ as co-catalyst for enhanced visible light photocatalytic reduction of Cr(VI) on MoSe ₂ . <i>Applied Catalysis A: General</i> , 2016 , 521, 19-25	5.1	44
103	Multi-role TiO ₂ layer coated carbon@few-layered MoS ₂ nanotubes for durable lithium storage. <i>Chemical Engineering Journal</i> , 2021 , 406, 126873	14.7	44
102	High energy density hybrid supercapacitor based on 3D mesoporous cuboidal Mn ₂ O ₃ and MOF-derived porous carbon polyhedrons. <i>Electrochimica Acta</i> , 2018 , 282, 1-9	6.7	42
101	Thermo-, pH-, and Light-Responsive Supramolecular Complexes Based on a Thermoresponsive Hyperbranched Polymer.. <i>ACS Macro Letters</i> , 2013 , 2, 67-71	6.6	42
100	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	5.1	42
99	SnO ₂ as co-catalyst for enhanced visible light photocatalytic activity of Bi ₂ MoO ₆ . <i>Applied Surface Science</i> , 2018 , 453, 280-287	6.7	41
98	High-concentration ether-based electrolyte boosts the electrochemical performance of SnS ₂ /reduced graphene oxide for K-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 19332-19341 ¹³	13	38
97	Facile self-templating synthesis of layered carbon with N, S dual doping for highly efficient sodium storage. <i>Carbon</i> , 2021 , 173, 31-40	10.4	38

96	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	6.7	37
95	Self-assembled synthesis of oxygen-doped g-C ₃ N ₄ nanotubes in enhancement of visible-light photocatalytic hydrogen. <i>Journal of Energy Chemistry</i> , 2021 , 54, 36-44	12	37
94	Mesoporous aluminium manganese cobalt oxide with pentahedron structures for energy storage devices. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 18417-18427	13	36
93	BiOBr/BiOF composites for efficient degradation of rhodamine B and nitrobenzene under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 812-818	9.3	35
92	Synthesis of mesoporous defective graphene-nanosheets in a space-confined self-assembled nanoreactor: Highly efficient capacitive energy storage. <i>Electrochimica Acta</i> , 2019 , 305, 517-527	6.7	35
91	Heterogeneous ice nucleation correlates with bulk-like interfacial water. <i>Science Advances</i> , 2019 , 5, eaat1425	14.5	35
90	Light converting phosphor-based photocatalytic composites. <i>Catalysis Science and Technology</i> , 2015 , 5, 4727-4740	5.5	35
89	MoO ₃ /reduced graphene oxide composites as anode material for sodium ion batteries. <i>Ceramics International</i> , 2017 , 43, 3769-3773	5.1	34
88	Accurate and Real-Time Temperature Monitoring during MR Imaging Guided PTT. <i>Nano Letters</i> , 2020 , 20, 2522-2529	11.5	33
87	Effect of Surfactant Concentration on the Complex Structure of Poly(N-isopropylacrylamide)/Sodium n-Dodecyl Sulfate in Aqueous Solutions. <i>Macromolecules</i> , 2012 , 45, 5524-5529	5.5	31
86	High-Performance Na-Ion Storage of S-Doped Porous Carbon Derived from Conjugated Microporous Polymers. <i>Nano-Micro Letters</i> , 2019 , 11, 60	19.5	30
85	Enhancement of visible light photocatalytic activity of Ag ₂ O/F-TiO ₂ composites. <i>Journal of Molecular Catalysis A</i> , 2015 , 407, 25-31		29
84	Novel carbon sphere@Bi ₂ MoO ₆ core-shell structure for efficient visible light photocatalysis. <i>RSC Advances</i> , 2015 , 5, 16592-16597	3.7	28
83	Influence of crystal thickness and topological constraints on chain diffusion in linear polyethylene. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1123-7	4.8	28
82	Advanced Sulfonated Poly(Ether Ether Ketone)/Graphene-Oxide/Titanium Dioxide Nanoparticle Compositied Membrane with Superior Cyclability for Vanadium Redox Flow Battery. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 4714-4721	1.3	28
81	Nitrogen and sulfur co-doped vanadium carbide MXene for highly reversible lithium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2021 , 587, 489-498	9.3	28
80	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	9.3	27
79	Enhanced visible light photocatalytic activity of ZnO doped with down-conversion NaSrBO ₃ :Tb(3+) phosphors. <i>Dalton Transactions</i> , 2015 , 44, 97-103	4.3	27

78	Seed/Catalyst Free Growth and Self-Powered Photoresponse of Vertically Aligned ZnO Nanorods on Reduced Graphene Oxide Nanosheets. <i>Crystal Growth and Design</i> , 2016 , 16, 4831-4838	3.5	27
77	Formation of needle-like porous CoNiS-MnOOH for high performance hybrid supercapacitors with high energy density. <i>Journal of Colloid and Interface Science</i> , 2019 , 554, 125-132	9.3	27
76	N, S co-doped porous carbon microtubes with high charge/discharge rates for sodium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 2104-2111	6.8	27
75	Metal chelate induced in situ wrapping of Ni ₃ S ₂ nanoparticles into N, S-codoped carbon networks for highly efficient sodium storage. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 694-704	6.8	26
74	Light down-converting characteristics of ZnO-Y ₂ O ₂ S:Eu ³⁺ for visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2013 , 404, 150-4	9.3	26
73	Facile and scalable production of amorphous nickel borate for high performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 19689-19695	13	26
72	Enhanced photocatalytic activity of Bi ₂ O ₃ /Ag ₂ O hybrid photocatalysts. <i>Applied Surface Science</i> , 2015 , 347, 269-274	6.7	25
71	Shuttle-like Porous Carbon Rods from Carbonized Metal-Organic Frameworks for High-Performance Capacitive Deionization. <i>ChemElectroChem</i> , 2016 , 3, 993-998	4.3	25
70	Reduced graphene oxide as co-catalyst for enhanced visible light photocatalytic activity of BiOBr. <i>Ceramics International</i> , 2016 , 42, 16463-16468	5.1	24
69	Synergetic effect of Ag ₂ O as co-catalyst for enhanced photocatalytic degradation of phenol on N-TiO ₂ . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016 , 211, 128-134	3.1	24
68	Novel hybrid capacitive deionization constructed by a redox-active covalent organic framework and its derived porous carbon for highly efficient desalination. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 25303-25314	13	24
67	Hollow-structured conjugated porous polymer derived Iron/Nitrogen-codoped hierarchical porous carbons as highly efficient electrocatalysts. <i>Journal of Colloid and Interface Science</i> , 2017 , 497, 108-116	9.3	23
66	Long-Lived Room-Temperature Phosphorescence for Visual and Quantitative Detection of Oxygen. <i>Angewandte Chemie</i> , 2019 , 131, 12230-12234	3.6	23
65	Ultrahigh Relative Energy Density and Mass Loading of Carbon Cloth Anodes for K-Ion Batteries. <i>CCS Chemistry</i> , 2021 , 3, 791-799	7.2	23
64	Novel yolk-shell structure bismuth-rich bismuth molybdate microspheres for enhanced visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2015 , 452, 109-115	9.3	22
63	CoP@NiCoO 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	9.3	21
62	Identifying Catalytically Active Mononuclear Peroxonitrate Anion of Ionic Liquids in the Epoxidation of Olefins. <i>ACS Catalysis</i> , 2018 , 8, 4645-4659	13.1	20
61	Metal-organic framework derived Fe ₂ O ₃ nanocubes on intertwined N-doped carbon nanowires for fiber-shaped supercapacitor. <i>Materials Letters</i> , 2018 , 228, 9-12	3.3	20

60	Scalable synthesis and superior performance of TiO ₂ -reduced graphene oxide composite anode for sodium-ion batteries. <i>Ionics</i> , 2016 , 22, 555-562	2.7	19
59	Anionic porous polymers with tunable structures and catalytic properties. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 15162-15168	13	19
58	Switching the photocatalytic activity of g-C ₃ N ₄ by homogenous surface chemical modification with nitrogen residues and vacancies. <i>RSC Advances</i> , 2015 , 5, 21430-21433	3.7	18
57	Visible light-induced photocatalytic activity of Bi ₂ O ₃ prepared via microwave-assisted method. <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 5044-7	1.3	18
56	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	5.7	17
55	TiO ₂ nanocrystals embedded in sulfur-doped porous carbon as high-performance and long-lasting anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24224-24231	13	17
54	Insights on the mechanism of Na-ion storage in expanded graphite anode. <i>Journal of Energy Chemistry</i> , 2021 , 53, 56-62	12	16
53	Ionic Liquid Stabilized Niobium Oxoclusters Catalyzing Oxidation of Sulfides with Exceptional Activity. <i>Chemistry - A European Journal</i> , 2019 , 25, 4206-4217	4.8	15
52	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, 235-40	9.3	15
51	Crystal structure refinements of borate dimorphs inderite and kurnakovite using ¹¹ B and ²⁵ Mg nuclear magnetic resonance and DFT calculations. <i>American Mineralogist</i> , 2012 , 97, 1858-1865	2.9	15
50	Alternating Vinylarene-Carbon Monoxide Copolymers: Simple and Efficient Nonconjugated Luminescent Macromolecules. <i>Macromolecules</i> , 2020 , 53, 9337-9344	5.5	15
49	Insights into the storage mechanism of 3D nanoflower-like V ₃ S ₄ anode in sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2022 , 427, 130936	14.7	15
48	Stimuli-responsive hyperbranched poly(amidoamine)s integrated with thermal and pH sensitivity, reducible degradability and intrinsic photoluminescence. <i>RSC Advances</i> , 2017 , 7, 5863-5871	3.7	14
47	Down-conversion phosphors as noble-metal-free co-catalyst in ZnO for efficient visible light photocatalysis. <i>Applied Surface Science</i> , 2017 , 391, 468-475	6.7	13
46	Origin of Photocatalytic Activity in Ti ⁴⁺ /Ti ³⁺ Core-Shell Titanium Oxide Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 20949-20959	3.8	12
45	Enhanced visible light photocatalytic degradation of methyl orange by Bi ₂ O ₃ /TiO ₂ composites. <i>RSC Advances</i> , 2014 , 4, 38594	3.7	12
44	A review of hard carbon anode: Rational design and advanced characterization in potassium ion batteries. <i>Information Materials</i> ,	23.1	12
43	Thermoresponsive Fluorescent Semicrystalline Polymers Decorated with Aggregation Induced Emission Luminogens. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019 , 37, 394-400	3.5	12

42	Bright electrochemiluminescent films of efficient aggregation-induced emission luminogens for sensitive detection of dopamine. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 2051-2057	7.8	11
41	3D interconnected porous g-C ₃ N ₄ hybridized with Fe ₂ O ₃ quantum dots for enhanced photo-Fenton performance. <i>Applied Surface Science</i> , 2021 , 555, 149677	6.7	11
40	Polymer nanosheets derived porous carbon nanosheets as high efficient electrocatalysts for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2018 , 516, 9-15	9.3	10
39	MoSe ₂ visible-light photocatalyst for organic pollutant degradation and Cr(VI) reduction. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 5483-5489	2.1	10
38	A Robust Solid Electrolyte Interphase Layer Augments the Ion Storage Capacity of Bimetallic-Sulfide-Containing Potassium-Ion Batteries. <i>Angewandte Chemie</i> , 2019 , 131, 14882-14889	3.6	10
37	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	9.3	10
36	Catalyst-free and selective growth of hierarchical GaN nanostructure on the graphene nanosheet. <i>RSC Advances</i> , 2016 , 6, 43874-43880	3.7	10
35	TiO ₂ electron transport bilayer for all-inorganic perovskite photodetectors with remarkably improved UV stability toward imaging applications. <i>Journal of Materials Science and Technology</i> , 2021 , 75, 39-47	9.1	10
34	Creation of oxygen vacancies to activate lanthanum-doped bismuth titanate nanosheets for efficient synchronous photocatalytic removal of Cr(VI) and methyl orange. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113613	6	9
33	Recent progress of electrode materials cooperated with potassium bis(fluorosulfonyl)imide-containing electrolyte for K-ion batteries. <i>Materials Today Advances</i> , 2020 , 6, 100035	7.4	9
32	A decade of advanced rechargeable batteries development guided by in situ transmission electron microscopy. <i>Nano Energy</i> , 2021 , 83, 105780	17.1	9
31	Re-oxidation reconstruction process of solid electrolyte interphase layer derived from highly active anion for potassium-ion batteries. <i>Nano Energy</i> , 2021 , 87, 106150	17.1	9
30	¹¹ B and ²³ Na solid-state NMR and density functional theory studies of electric field gradients at boron sites in ulexite. <i>CrystEngComm</i> , 2013 , 15, 8739	3.3	8
29	Understanding the improved performance of sulfur-doped interconnected carbon microspheres for Na-ion storage 2021 , 3, 615-626		8
28	Photoacoustic Communication from the Air to Underwater Based on Low-Cost Passive Relays. <i>IEEE Communications Magazine</i> , 2021 , 59, 140-143	9.1	8
27	Graphite Anode for Potassium Ion batteries: Current Status and Perspective. <i>Energy and Environmental Materials</i> ,	13	7
26	Novel Sepiolite-Based Materials for Lithium- and Sodium-Ion Storage. <i>Energy Technology</i> , 2020 , 8, 1901262	9.5	6
25	NMR Study on the Roles of Li ⁺ in the Cellulose Dissolution Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 618-624	8.3	6

24	Density functional theory study of the magnetic shielding mechanism for ¹¹ B in pentaborate minerals: ulexite and probertite. <i>CrystEngComm</i> , 2014 , 16, 10418-10427	3.3	5
23	Multinuclear NMR study of Cs-bearing geyserites of the Targejia hot spring cesium deposit in Tibet. <i>American Mineralogist</i> , 2013 , 98, 907-913	2.9	5
22	In situ fabrication of niobium pentoxide/graphitic carbon nitride type-II heterojunctions for enhanced photocatalytic hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2021 , 608, 1951-1959	9.3	5
21	Probing the Fast Lithium-Ion Transport in Small-Molecule Solid Polymer Electrolytes by Solid-State NMR. <i>Macromolecules</i> , 2020 , 53, 10078-10085	5.5	5
20	Selective growth of hierarchical ZnO nanorod arrays on the graphene nanosheets. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 015303	3	4
19	Ultra-Stable Potassium Ion Storage of Nitrogen-Doped Carbon Nanofiber Derived from Bacterial Cellulose. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
18	Ionic liquid-stabilized vanadium oxo-clusters catalyzing alkane oxidation by regulating oligovanadates. <i>Catalysis Science and Technology</i> , 2020 , 10, 7601-7612	5.5	3
17	In Situ Monitoring the Potassium-Ion Storage Enhancement in Iron Selenide with Ether-Based Electrolyte. <i>Nano-Micro Letters</i> , 2021 , 13, 179	19.5	3
16	Bismuth oxychloride anchoring on graphene nanosheets as anode with a high relative energy density for potassium ion battery. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 857-862	9.3	3
15	A novel Sn-based coordination polymer with high-efficiency and ultrafast lithium storage. <i>Journal of Materials Science and Technology</i> , 2022 , 97, 156-164	9.1	3
14	Regulation of Ferric Iron Vacancy for Prussian Blue Analogue Cathode to Realize High-performance Potassium Ion Storage. <i>Nano Energy</i> , 2022 , 107243	17.1	3
13	Ultra-stable sodium ion storage of biomass porous carbon derived from sugarcane. <i>Chemical Engineering Journal</i> , 2022 , 136344	14.7	3
12	Preparation of Long-Lived States in a Multi-Spin System by Using an Optimal Control Method. <i>ChemPhysChem</i> , 2020 , 21, 1326-1330	3.2	2
11	Three-Component Supramolecular System with Multistimuli-Responsive Properties in Water. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1690-7	4.5	2
10	Enhanced Visible Light Photocatalytic Degradation of Rhodamine B by Bi ₂ WO ₆ -Reduced Graphene Oxide Composites Prepared via Microwave-Assisted Method. <i>Nanoscience and Nanotechnology Letters</i> , 2014 , 6, 666-671	0.8	2
9	Improving rechargeability of Prussian blue cathode by graphene as conductive agent for sodium ion batteries. <i>Surfaces and Interfaces</i> , 2021 , 23, 100911	4.1	2
8	Semi-coherent cation-rich Mn-Cu oxides heterostructures as cathode for novel aqueous potassium dual-ion energy storage devices. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 75-83	9.3	2
7	Tetranuclear ruthenium clusters anchored on polyoxometalates catalyze the hydrogenation of methyl levulinate in water. <i>New Journal of Chemistry</i> , 2021 , 45, 21215-21224	3.6	1

6	Phytic acid-induced nitrogen configuration adjustment of active nitrogen-rich carbon nanosheets for high-performance potassium-ion storage. <i>Journal of Materials Chemistry A</i> ,	13	1
5	Role of Organic Fluoride Salts in Stabilizing Niobium Oxo-Clusters Catalyzing Epoxidation. <i>Langmuir</i> , 2021 , 37, 8190-8203	4	1
4	Crosslinking Nanoarchitectonics of Nitrogen-doped Carbon/MoS Nanosheets/Ti C T MXene Hybrids for Highly Reversible Sodium Storage. <i>ChemSusChem</i> , 2021 , 14, 5293-5303	8.3	1
3	Facile self-assembly of carbon-free vanadium sulfide nanosheet for stable and high-rate lithium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 145-152	9.3	1
2	Crystal Surface Engineering Induced Active Hexagonal Co P-V O for Highly Stable Lithium-Sulfur Batteries.. <i>Small</i> , 2022 , e2200405	11	1
1	Position controlled and seed/catalyst free growth of ZnO nanorod arrays on reduced graphene oxide nanosheets. <i>Materials Research Express</i> , 2016 , 3, 095013	1.7	