

# Jinliang Li

## List of Publications by Year in Descending Order

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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	Insights into the storage mechanism of 3D nanoflower-like V3S4 anode in sodium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2022</b> , 427, 130936	14.7	15
148	A novel Sn-based coordination polymer with high-efficiency and ultrafast lithium storage. <i>Journal of Materials Science and Technology</i> , <b>2022</b> , 97, 156-164	9.1	3
147	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> , <b>2022</b> , 607, 145-152	9.3	1
146	Regulation of Ferric Iron Vacancy for Prussian Blue Analogue Cathode to Realize High-performance Potassium Ion Storage. <i>Nano Energy</i> , <b>2022</b> , 107243	17.1	3
145	Ultra-stable sodium ion storage of biomass porous carbon derived from sugarcane. <i>Chemical Engineering Journal</i> , <b>2022</b> , 136344	14.7	3
144	Crystal Surface Engineering Induced Active Hexagonal Co P-V O for Highly Stable Lithium-Sulfur Batteries.. <i>Small</i> , <b>2022</b> , e2200405	11	1
143	Tetranuclear ruthenium clusters anchored on polyoxometalates catalyze the hydrogenation of methyl levulinate in water. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 21215-21224	3.6	1
142	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> , <b>2021</b> , 608, 1951-1959	9.3	5
141	Ultra-Stable Potassium Ion Storage of Nitrogen-Doped Carbon Nanofiber Derived from Bacterial Cellulose. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	4
140	Improving rechargeability of Prussian blue cathode by graphene as conductive agent for sodium ion batteries. <i>Surfaces and Interfaces</i> , <b>2021</b> , 23, 100911	4.1	2
139	Nitrogen and sulfur co-doped vanadium carbide MXene for highly reversible lithium-ion storage. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 587, 489-498	9.3	28
138	A decade of advanced rechargeable batteries development guided by in situ transmission electron microscopy. <i>Nano Energy</i> , <b>2021</b> , 83, 105780	17.1	9
137	Role of Organic Fluoride Salts in Stabilizing Niobium Oxo-Clusters Catalyzing Epoxidation. <i>Langmuir</i> , <b>2021</b> , 37, 8190-8203	4	1
136	3D interconnected porous g-C3N4 hybridized with Fe2O3 quantum dots for enhanced photo-Fenton performance. <i>Applied Surface Science</i> , <b>2021</b> , 555, 149677	6.7	11
135	Self-assembled synthesis of oxygen-doped g-C3N4 nanotubes in enhancement of visible-light photocatalytic hydrogen. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 54, 36-44	12	37
134	Multi-role TiO2 layer coated carbon@few-layered MoS2 nanotubes for durable lithium storage. <i>Chemical Engineering Journal</i> , <b>2021</b> , 406, 126873	14.7	44
133	Facile self-templating synthesis of layered carbon with N, S dual doping for highly efficient sodium storage. <i>Carbon</i> , <b>2021</b> , 173, 31-40	10.4	38

132	Insights on the mechanism of Na-ion storage in expanded graphite anode. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 53, 56-62	12	16
131	Synergistic coupling of NiS <sub>1.03</sub> nanoparticle with S-doped reduced graphene oxide for enhanced lithium and sodium storage. <i>Chemical Engineering Journal</i> , <b>2021</b> , 407, 127199	14.7	46
130	TiO <sub>2</sub> electron transport bilayer for all-inorganic perovskite photodetectors with remarkably improved UV stability toward imaging applications. <i>Journal of Materials Science and Technology</i> , <b>2021</b> , 75, 39-47	9.1	10
129	Understanding the improved performance of sulfur-doped interconnected carbon microspheres for Na-ion storage <b>2021</b> , 3, 615-626		8
128	Ultrahigh Relative Energy Density and Mass Loading of Carbon Cloth Anodes for K-Ion Batteries. <i>CCS Chemistry</i> , <b>2021</b> , 3, 791-799	7.2	23
127	In Situ Monitoring the Potassium-Ion Storage Enhancement in Iron Selenide with Ether-Based Electrolyte. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 179	19.5	3
126	Crosslinking Nanoarchitectonics of Nitrogen-doped Carbon/MoS Nanosheets/Ti C T MXene Hybrids for Highly Reversible Sodium Storage. <i>ChemSusChem</i> , <b>2021</b> , 14, 5293-5303	8.3	1
125	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> , <b>2021</b> , 597, 75-83	9.3	2
124	Re-oxidation reconstruction process of solid electrolyte interphase layer derived from highly active anion for potassium-ion batteries. <i>Nano Energy</i> , <b>2021</b> , 87, 106150	17.1	9
123	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> , <b>2021</b> , 599, 857-862	9.3	3
122	Photoacoustic Communication from the Air to Underwater Based on Low-Cost Passive Relays. <i>IEEE Communications Magazine</i> , <b>2021</b> , 59, 140-143	9.1	8
121	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> , <b>2020</b> , 314, 113613	6	9
120	Accurate and Real-Time Temperature Monitoring during MR Imaging Guided PTT. <i>Nano Letters</i> , <b>2020</b> , 20, 2522-2529	11.5	33
119	Mini-Review on the Redox Additives in Aqueous Electrolyte for High Performance Supercapacitors. <i>ACS Omega</i> , <b>2020</b> , 5, 3801-3808	3.9	71
118	Facile Synthesis of Efficient Luminogens with AIE Features for Three-Photon Fluorescence Imaging of the Brain through the Intact Skull. <i>Advanced Materials</i> , <b>2020</b> , 32, e2000364	24	62
117	Preparation of Long-Lived States in a Multi-Spin System by Using an Optimal Control Method. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1326-1330	3.2	2
116	Graphene-attached vanadium sulfide composite prepared via microwave-assisted hydrothermal method for high performance lithium ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 834, 155073	5.7	17
115	Enhanced electrochemical behaviors of carbon felt electrode using redox-active electrolyte for all-solid-state supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 577, 12-18	9.3	10

114	Recent progress of electrode materials cooperated with potassium bis(fluorosulfonyl)imide-containing electrolyte for K-ion batteries. <i>Materials Today Advances</i> , <b>2020</b> , 6, 100035	7.4	9
113	Interfacial Approach toward Benzene-Bridged Polypyrrole Film-Based Micro-Supercapacitors with Ultrahigh Volumetric Power Density. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908243	15.6	45
112	Novel Sepiolite-Based Materials for Lithium- and Sodium-Ion Storage. <i>Energy Technology</i> , <b>2020</b> , 8, 1901262	9.5	6
111	K-Ion Storage Enhancement in Sb <sub>2</sub> O <sub>3</sub> /Reduced Graphene Oxide Using Ether-Based Electrolyte. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1903455	21.8	59
110	Probing the Fast Lithium-Ion Transport in Small-Molecule Solid Polymer Electrolytes by Solid-State NMR. <i>Macromolecules</i> , <b>2020</b> , 53, 10078-10085	5.5	5
109	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> , <b>2020</b> , 20, 4714-4721	1.3	28
108	Alternating Vinylarene-Carbon Monoxide Copolymers: Simple and Efficient Nonconjugated Luminescent Macromolecules. <i>Macromolecules</i> , <b>2020</b> , 53, 9337-9344	5.5	15
107	Ionic liquid-stabilized vanadium oxo-clusters catalyzing alkane oxidation by regulating oligovanadates. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 7601-7612	5.5	3
106	MXene-decorated SnS <sub>2</sub> /Sn <sub>3</sub> S <sub>4</sub> hybrid as anode material for high-rate lithium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 380, 122590	14.7	97
105	A Robust Solid Electrolyte Interphase Layer Augments the Ion Storage Capacity of Bimetallic-Sulfide-Containing Potassium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14740-14747	16.4	83
104	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> , <b>2019</b> , 7, 946-957	13	148
103	Metal chelate induced in situ wrapping of Ni <sub>3</sub> S <sub>2</sub> nanoparticles into N, S-codoped carbon networks for highly efficient sodium storage. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 694-704	6.8	26
102	Ionic Liquid Stabilized Niobium Oxoclusters Catalyzing Oxidation of Sulfides with Exceptional Activity. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 4206-4217	4.8	15
101	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> , <b>2019</b> , 7, 17435-17445	13	50
100	Long-Lived Room-Temperature Phosphorescence for Visual and Quantitative Detection of Oxygen. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12102-12106	16.4	97
99	Long-Lived Room-Temperature Phosphorescence for Visual and Quantitative Detection of Oxygen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12230-12234	3.6	23
98	Synthesis of mesoporous defective graphene-nanosheets in a space-confined self-assembled nanoreactor: Highly efficient capacitive energy storage. <i>Electrochimica Acta</i> , <b>2019</b> , 305, 517-527	6.7	35
97	Heterogeneous ice nucleation correlates with bulk-like interfacial water. <i>Science Advances</i> , <b>2019</b> , 5, eaat1425	14.5	35

96	Carboxymethyl Cellulose Binder Greatly Stabilizes Porous Hollow Carbon Submicrospheres in Capacitive K-Ion Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15581-15590	9.5	44
95	Origin of Photocatalytic Activity in Ti <sup>4+</sup> /Ti <sup>3+</sup> Core/Shell Titanium Oxide Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 20949-20959	3.8	12
94	High-Performance Na-Ion Storage of S-Doped Porous Carbon Derived from Conjugated Microporous Polymers. <i>Nano-Micro Letters</i> , <b>2019</b> , 11, 60	19.5	30
93	Formation of needle-like porous CoNiS-MnOOH for high performance hybrid supercapacitors with high energy density. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 554, 125-132	9.3	27
92	Mesoporous aluminium manganese cobalt oxide with pentahedron structures for energy storage devices. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 18417-18427	13	36
91	High-concentration ether-based electrolyte boosts the electrochemical performance of SnS <sub>2</sub> -reduced graphene oxide for K-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 19332-19341	13	38
90	Bright electrochemiluminescent films of efficient aggregation-induced emission luminogens for sensitive detection of dopamine. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 2051-2057	7.8	11
89	In-situ encapsulation of Ni <sub>3</sub> S <sub>2</sub> nanoparticles into N-doped interconnected carbon networks for efficient lithium storage. <i>Chemical Engineering Journal</i> , <b>2019</b> , 378, 122-108	14.7	73
88	N, S co-doped porous carbon microtubes with high charge/discharge rates for sodium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 2104-2111	6.8	27
87	A Robust Solid Electrolyte Interphase Layer Augments the Ion Storage Capacity of Bimetallic-Sulfide-Containing Potassium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14882-14889	3.6	10
86	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> , <b>2019</b> , 7, 25303-25314	13	14
85	CoP@NiCoO bi-functional electrocatalyst with low overpotential for water splitting in wide range pH electrolytes. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 534, 55-63	9.3	21
84	Thermoresponsive Fluorescent Semicrystalline Polymers Decorated with Aggregation Induced Emission Luminogens. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2019</b> , 37, 394-400	3.5	12
83	NMR Study on the Roles of Li <sup>+</sup> in the Cellulose Dissolution Process. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 618-624	8.3	6
82	Identifying Catalytically Active Mononuclear Peroxonitrate Anion of Ionic Liquids in the Epoxidation of Olefins. <i>ACS Catalysis</i> , <b>2018</b> , 8, 4645-4659	13.1	20
81	Polymer nanosheets derived porous carbon nanosheets as high efficient electrocatalysts for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 516, 9-15	9.3	10
80	Design of pomegranate-like clusters with NiS <sub>2</sub> nanoparticles anchored on nitrogen-doped porous carbon for improved sodium ion storage performance. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 6595-6605	13	110
79	Rational design of MoS <sub>2</sub> -reduced graphene oxide sponges as free-standing anodes for sodium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2018</b> , 332, 260-266	14.7	111

78	CuS/RGO hybrid photocatalyst for full solar spectrum photoreduction from UV/Vis to near-infrared light. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 517, 80-85	9.3	45
77	Metal-organic frameworks converted flower-like hybrid with Co <sub>3</sub> O <sub>4</sub> nanoparticles decorated on nitrogen-doped carbon sheets for boosted lithium storage performance. <i>Chemical Engineering Journal</i> , <b>2018</b> , 354, 172-181	14.7	55
76	Rational design of metal organic framework-derived FeS hollow nanocages@reduced graphene oxide for K-ion storage. <i>Nanoscale</i> , <b>2018</b> , 10, 17092-17098	7.7	97
75	High energy density hybrid supercapacitor based on 3D mesoporous cuboidal Mn <sub>2</sub> O <sub>3</sub> and MOF-derived porous carbon polyhedrons. <i>Electrochimica Acta</i> , <b>2018</b> , 282, 1-9	6.7	42
74	Improved sodium-ion storage performance of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXenes by sulfur doping. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 1234-1243	13	104
73	Metal-organic frameworks derived yolk-shell ZnO/NiO microspheres as high-performance anode materials for lithium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2018</b> , 335, 579-589	14.7	131
72	Self-assembled 3D flower-like Fe <sub>3</sub> O <sub>4</sub> /C architecture with superior lithium ion storage performance. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 24940-24948	13	62
71	Facile dual doping strategy via carbonization of covalent organic frameworks to prepare hierarchically porous carbon spheres for membrane capacitive deionization. <i>Chemical Communications</i> , <b>2018</b> , 54, 14009-14012	5.8	51
70	TiO <sub>2</sub> 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> , <b>2018</b> , 6, 24224-24231	13	17
69	Facile and scalable production of amorphous nickel borate for high performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 19689-19695	13	26
68	Sulphur-doped reduced graphene oxide sponges as high-performance free-standing anodes for K-ion storage. <i>Nano Energy</i> , <b>2018</b> , 53, 415-424	17.1	129
67	Metal-organic framework derived Fe <sub>2</sub> O <sub>3</sub> nanocubes on intertwined N-doped carbon nanowires for fiber-shaped supercapacitor. <i>Materials Letters</i> , <b>2018</b> , 228, 9-12	3.3	20
66	SnO <sub>2</sub> as co-catalyst for enhanced visible light photocatalytic activity of Bi <sub>2</sub> MoO <sub>6</sub> . <i>Applied Surface Science</i> , <b>2018</b> , 453, 280-287	6.7	41
65	Down-conversion phosphors as noble-metal-free co-catalyst in ZnO for efficient visible light photocatalysis. <i>Applied Surface Science</i> , <b>2017</b> , 391, 468-475	6.7	13
64	Stimuli-responsive hyperbranched poly(amidoamine)s integrated with thermal and pH sensitivity, reducible degradability and intrinsic photoluminescence. <i>RSC Advances</i> , <b>2017</b> , 7, 5863-5871	3.7	14
63	In situ growth of Sb <sub>2</sub> S <sub>3</sub> on multiwalled carbon nanotubes as high-performance anode materials for sodium-ion batteries. <i>Electrochimica Acta</i> , <b>2017</b> , 228, 436-446	6.7	83
62	Hierarchical layered Ni <sub>3</sub> S <sub>2</sub> -graphene hybrid composites for efficient photocatalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 496, 254-260	9.3	27
61	Hollow-structured conjugated porous polymer derived Iron/Nitrogen-codoped hierarchical porous carbons as highly efficient electrocatalysts. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 497, 108-116	9.3	23



60	An advanced CoSe embedded within porous carbon polyhedra hybrid for high performance lithium-ion and sodium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2017</b> , 325, 14-24	14.7	174
59	Significantly Improved Sodium-Ion Storage Performance of CuS Nanosheets Anchored into Reduced Graphene Oxide with Ether-Based Electrolyte. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 2309-2316	9.5	113
58	MoO <sub>3</sub> /reduced graphene oxide composites as anode material for sodium ion batteries. <i>Ceramics International</i> , <b>2017</b> , 43, 3769-3773	5.1	34
57	BiOBr/BiOF composites for efficient degradation of rhodamine B and nitrobenzene under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 490, 812-818	9.3	35
56	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> , <b>2017</b> , 5, 20428-20438 <sup>13</sup>		135
55	Carbon-incorporated Janus-type Ni <sub>2</sub> P/Ni hollow spheres for high performance hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 19054-19061	13	137
54	Novel cake-like N-doped anatase/rutile mixed phase TiO <sub>2</sub> derived from metal-organic frameworks for visible light photocatalysis. <i>Ceramics International</i> , <b>2017</b> , 43, 835-840	5.1	45
53	Metal-organic frameworks derived cake-like anatase/rutile mixed phase TiO <sub>2</sub> for highly efficient photocatalysis. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 690, 640-646	5.7	60
52	Position controlled and seed/catalyst free growth of ZnO nanorod arrays on reduced graphene oxide nanosheets. <i>Materials Research Express</i> , <b>2016</b> , 3, 095013	1.7	
51	Seed/Catalyst Free Growth and Self-Powered Photoresponse of Vertically Aligned ZnO Nanorods on Reduced Graphene Oxide Nanosheets. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 4831-4838	3.5	27
50	Scalable synthesis and superior performance of TiO <sub>2</sub> -reduced graphene oxide composite anode for sodium-ion batteries. <i>Ionics</i> , <b>2016</b> , 22, 555-562	2.7	19
49	Reduced graphene oxide as co-catalyst for enhanced visible light photocatalytic activity of BiOBr. <i>Ceramics International</i> , <b>2016</b> , 42, 16463-16468	5.1	24
48	ZnS nanoparticles embedded in reduced graphene oxide as high performance anode material of sodium-ion batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 191, 435-443	6.7	97
47	Nitrogen-doped carbon microspheres derived from oatmeal as high capacity and superior long life anode material for sodium ion battery. <i>Electrochimica Acta</i> , <b>2016</b> , 191, 385-391	6.7	78
46	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> , <b>2016</b> , 302, 202-209	8.9	97
45	Synergetic effect of TiO <sub>2</sub> as co-catalyst for enhanced visible light photocatalytic reduction of Cr(VI) on MoSe <sub>2</sub> . <i>Applied Catalysis A: General</i> , <b>2016</b> , 521, 19-25	5.1	44
44	MoSe <sub>2</sub> visible-light photocatalyst for organic pollutant degradation and Cr(VI) reduction. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 5483-5489	2.1	10
43	Novel Bi <sub>2</sub> MoO <sub>6</sub> /TiO <sub>2</sub> heterostructure microspheres for degradation of benzene series compound under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 463, 145-53	9.3	72

42	Selective growth of hierarchical ZnO nanorod arrays on the graphene nanosheets. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 015303	3	4
41	Shuttle-like Porous Carbon Rods from Carbonized Metal-Organic Frameworks for High-Performance Capacitive Deionization. <i>ChemElectroChem</i> , <b>2016</b> , 3, 993-998	4.3	25
40	One-step microwave-assisted synthesis of Sb <sub>2</sub> O <sub>3</sub> /reduced graphene oxide composites as advanced anode materials for sodium-ion batteries. <i>Ceramics International</i> , <b>2016</b> , 42, 15634-15642	5.1	42
39	Synergetic effect of Ag <sub>2</sub> O as co-catalyst for enhanced photocatalytic degradation of phenol on N-TiO <sub>2</sub> . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2016</b> , 211, 128-134	3.1	24
38	Sn doped TiO <sub>2</sub> nanotube with oxygen vacancy for highly efficient visible light photocatalysis. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 679, 454-462	5.7	54
37	Catalyst-free and selective growth of hierarchical GaN nanostructure on the graphene nanosheet. <i>RSC Advances</i> , <b>2016</b> , 6, 43874-43880	3.7	10
36	Anionic porous polymers with tunable structures and catalytic properties. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15162-15168	13	19
35	Enhanced visible light photocatalytic activity of ZnO doped with down-conversion NaSrBO <sub>3</sub> :Tb(3+) phosphors. <i>Dalton Transactions</i> , <b>2015</b> , 44, 97-103	4.3	27
34	Novel reduced graphene oxide wrapped Bi <sub>2</sub> .38Mo <sub>0.81</sub> O <sub>6</sub> microspheres for highly efficient visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 458, 235-40	9.3	15
33	Enhancement of visible light photocatalytic activity of Ag <sub>2</sub> O/F-TiO <sub>2</sub> composites. <i>Journal of Molecular Catalysis A</i> , <b>2015</b> , 407, 25-31		29
32	Novel yolk-shell structure bismuth-rich bismuth molybdate microspheres for enhanced visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 452, 109-115	9.3	22
31	Enhanced photocatalytic activity of Bi <sub>2</sub> O <sub>3</sub> /Ag <sub>2</sub> O hybrid photocatalysts. <i>Applied Surface Science</i> , <b>2015</b> , 347, 269-274	6.7	25
30	GeO <sub>2</sub> decorated reduced graphene oxide as anode material of sodium ion battery. <i>Electrochimica Acta</i> , <b>2015</b> , 173, 193-199	6.7	47
29	Mesoporous yolk-shell structure Bi <sub>2</sub> MoO <sub>6</sub> microspheres with enhanced visible light photocatalytic activity. <i>Ceramics International</i> , <b>2015</b> , 41, 8592-8598	5.1	46
28	MgFe <sub>2</sub> O <sub>4</sub> /reduced graphene oxide composites as high-performance anode materials for sodium ion batteries. <i>Electrochimica Acta</i> , <b>2015</b> , 180, 616-621	6.7	37
27	Metal-organic framework derived porous CuO/Cu <sub>2</sub> O composite hollow octahedrons as high performance anode materials for sodium ion batteries. <i>Chemical Communications</i> , <b>2015</b> , 51, 16413-6	5.8	98
26	MoS <sub>2</sub> -reduced graphene oxide composites via microwave assisted synthesis for sodium ion battery anode with improved capacity and cycling performance. <i>Electrochimica Acta</i> , <b>2015</b> , 153, 55-61	6.7	154
25	Three-Component Supramolecular System with Multistimuli-Responsive Properties in Water. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1690-7	4.5	2



24	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> , <b>2015</b> , 25, 3899-3906	15.6	159
23	Switching the photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> by homogenous surface chemical modification with nitrogen residues and vacancies. <i>RSC Advances</i> , <b>2015</b> , 5, 21430-21433	3.7	18
22	Light converting phosphor-based photocatalytic composites. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 4727-4740	5.5	35
21	Novel carbon sphere@Bi <sub>2</sub> MoO <sub>6</sub> core-shell structure for efficient visible light photocatalysis. <i>RSC Advances</i> , <b>2015</b> , 5, 16592-16597	3.7	28
20	MoS <sub>2</sub> -Reduced graphene oxide composites synthesized via a microwave-assisted method for visible-light photocatalytic degradation of methylene blue. <i>RSC Advances</i> , <b>2014</b> , 4, 9647	3.7	107
19	Enhanced visible light photocatalytic degradation of methyl orange by Bi <sub>2</sub> O <sub>3</sub> /F <sub>12</sub> SiO <sub>2</sub> composites. <i>RSC Advances</i> , <b>2014</b> , 4, 38594	3.7	12
18	Electrospun carbon nanofibers as anode materials for sodium ion batteries with excellent cycle performance. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4117	13	238
17	Enhanced visible light photocatalytic degradation of methylene blue by F-doped TiO <sub>2</sub> . <i>Applied Surface Science</i> , <b>2014</b> , 319, 107-112	6.7	159
16	Density functional theory study of the magnetic shielding mechanism for 11B in pentaborate minerals: ulexite and probertite. <i>CrystEngComm</i> , <b>2014</b> , 16, 10418-10427	3.3	5
15	Enhanced Visible Light Photocatalytic Degradation of Rhodamine B by Bi <sub>2</sub> WO <sub>6</sub> -Reduced Graphene Oxide Composites Prepared via Microwave-Assisted Method. <i>Nanoscience and Nanotechnology Letters</i> , <b>2014</b> , 6, 666-671	0.8	2
14	Surface hydrogen bonding can enhance photocatalytic H <sub>2</sub> evolution efficiency. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14089	13	89
13	Hyperbranched Polymer Functionalized Carbon Dots with Multistimuli-Responsive Property.. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 1033-1037	6.6	72
12	11 B and 23Na solid-state NMR and density functional theory studies of electric field gradients at boron sites in ulexite. <i>CrystEngComm</i> , <b>2013</b> , 15, 8739	3.3	8
11	Thermo-, pH-, and Light-Responsive Supramolecular Complexes Based on a Thermoresponsive Hyperbranched Polymer.. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 67-71	6.6	42
10	Visible light photocatalytic degradation of methylene blue by SnO <sub>2</sub> quantum dots prepared via microwave-assisted method. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 1805	5.5	52
9	Light down-converting characteristics of ZnO-Y <sub>2</sub> O <sub>2</sub> S:Eu <sup>3+</sup> for visible light photocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 404, 150-4	9.3	26
8	Visible light-induced photocatalytic activity of Bi <sub>2</sub> O <sub>3</sub> prepared via microwave-assisted method. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 5044-7	1.3	18
7	Multinuclear NMR study of Cs-bearing geyserites of the Targejia hot spring cesium deposit in Tibet. <i>American Mineralogist</i> , <b>2013</b> , 98, 907-913	2.9	5

6	Effect of Surfactant Concentration on the Complex Structure of Poly(N-isopropylacrylamide)/Sodium n-Dodecyl Sulfate in Aqueous Solutions. <i>Macromolecules</i> , <b>2012</b> , 45, 5524-5529	5.5	31
5	Crystal structure refinements of borate dimorphs inderite and kurnakovite using <sup>11</sup> B and <sup>25</sup> Mg nuclear magnetic resonance and DFT calculations. <i>American Mineralogist</i> , <b>2012</b> , 97, 1858-1865	2.9	15
4	Influence of crystal thickness and topological constraints on chain diffusion in linear polyethylene. <i>Macromolecular Rapid Communications</i> , <b>2009</b> , 30, 1123-7	4.8	28
3	A review of hard carbon anode: Rational design and advanced characterization in potassium ion batteries. <i>Information Materials</i> ,	23.1	12
2	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
1	Graphite Anode for Potassium Ion batteries: Current Status and Perspective. <i>Energy and Environmental Materials</i> ,	13	7