Lei Zhang

List of Publications by Year
in descending order

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133 papers	17,316 citations	13099 68 h-index	13379 130 g-index
138 all docs	138 docs citations	138 times ranked	18960 citing authors

#	Article	IF	Citations
1	Formation of Fe₂O₃ Microboxes with Hierarchical Shell Structures from Metalâ€“Organic Frameworks and Their Lithium Storage Properties. Journal of the American Chemical Society, 2012, 134, 17388-17391.	13.7	935
2	Ordered macro-microporous metal-organic framework single crystals. Science, 2018, 359, 206-210.	12.6	836
3	Large-Scale, Solution-Phase Growth of Single-Crystalline SnO2Nanorods. Journal of the American Chemical Society, 2004, 126, 5972-5973.	13.7	522
4	Metalâ€“Organic-Frameworks-Derived General Formation of Hollow Structures with High Complexity. Journal of the American Chemical Society, 2013, 135, 10664-10672.	13.7	520
5	Ironâ€Oxideâ€Based Advanced Anode Materials for Lithiumâ€Ion Batteries. Advanced Energy Materials, 2014, 4, 1300958.	19.5	498
6	Hierarchical MoS₂microboxes constructed by nanosheets with enhanced electrochemical properties for lithium storage and water splitting. Energy and Environmental Science, 2014, 7, 3302-3306.	30.8	471
7	Rational Design of High-Performance DeNO_x Catalysts Based on Mn_xCo_{3â€“x}O₄ Nanocages Derived from Metalâ€“Organic Frameworks. ACS Catalysis, 2014, 4, 1753-1763.	11.2	466
8	Freeâ€Standing Nitrogenâ€Doped Carbon Nanofiber Films: Integrated Electrodes for Sodiumâ€Ion Batteries with Ultralong Cycle Life and Superior Rate Capability. Advanced Energy Materials, 2016, 6, 1502217.	19.5	440
9	Superior CO2 uptake of N-doped activated carbon through hydrogen-bonding interaction. Energy and Environmental Science, 2012, 5, 7323.	30.8	434
10	Formation of Ni_xCo_{3â^’x}S₄ Hollow Nanoprisms with Enhanced Pseudocapacitive Properties. Angewandte Chemie - International Edition, 2014, 53, 3711-3714.	13.8	417
11	Carbon-Coated MoSe₂/MXene Hybrid Nanosheets for Superior Potassium Storage. ACS Nano, 2019, 13, 3448-3456.	14.6	372
12	Graphitic Carbon Nitride (gâ€C₃N₄)â€Derived Nâ€Rich Graphene with Tuneable Interlayer Distance as a Highâ€Rate Anode for Sodiumâ€Ion Batteries. Advanced Materials, 2019, 31, e1901261.	21.0	362
13	Embedding Sulfur in MOFâ€Derived Microporous Carbon Polyhedrons for Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2013, 19, 10804-10808.	3.3	355
14	A 3D Hybrid of Chemically Coupled Nickel Sulfide and Hollow Carbon Spheres for High Performance Lithiumâ€“Sulfur Batteries. Advanced Functional Materials, 2017, 27, 1702524.	14.9	340
15	SnO₂ Quantum Dots@Graphene Oxide as a Highâ€Rate and Longâ€Life Anode Material for Lithiumâ€Ion Batteries. Small, 2016, 12, 588-594.	10.0	338
16	A bi-functional device for self-powered electrochromic window and self-rechargeable transparent battery applications. Nature Communications, 2014, 5, 4921.	12.8	328
17	Hierarchical Tubular Structures Constructed by Carbonâ€Coated SnO₂ Nanoplates for Highly Reversible Lithium Storage. Advanced Materials, 2013, 25, 2589-2593.	21.0	304
18	Na₂Ti₃O₇@Nâ€Doped Carbon Hollow Spheres for Sodiumâ€Ion Batteries with Excellent Rate Performance. Advanced Materials, 2017, 29, 1700989.	21.0	275

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19	Controlled synthesis of hierarchical Co_xMn_{3â^'x}O₄array micro-/nanostructures with tunable morphology and composition as integrated electrodes for lithium-ion batteries. Energy and Environmental Science, 2013, 6, 2664-2671.	30.8	265
20	Uniform V2O5 nanosheet-assembled hollow microflowers with excellent lithium storage properties. Energy and Environmental Science, 2013, 6, 1476.	30.8	256
21	Robust Pitaya-Structured Pyrite as High Energy Density Cathode for High-Rate Lithium Batteries. ACS Nano, 2017, 11, 9033-9040.	14.6	247
22	Amine-Modified SBA-15: Effect of Pore Structure on the Performance for CO₂ Capture. Industrial & Engineering Chemistry Research, 2011, 50, 3220-3226.	3.7	240
23	Unusual CoS2 ellipsoids with anisotropic tube-like cavities and their application in supercapacitors. Chemical Communications, 2012, 48, 6912.	4.1	228
24	Ordered Macroâ€“Microporous Metalâ€“Organic Framework Single Crystals and Their Derivatives for Rechargeable Aluminum-Ion Batteries. Journal of the American Chemical Society, 2019, 141, 14764-14771.	13.7	226
25	Selfâ€Supported Construction of Uniform Fe₃O₄ Hollow Microspheres from Nanoplate Building Blocks. Angewandte Chemie - International Edition, 2013, 52, 4165-4168.	13.8	222
26	Formation of porous SnO2 microboxes via selective leaching for highly reversible lithium storage. Energy and Environmental Science, 2014, 7, 1013.	30.8	221
27	Facile Synthesis and Unique Physicochemical Properties of Three-Dimensionally Ordered Macroporous Magnesium Oxide, Gamma-Alumina, and Ceriaâ^'Zirconia Solid Solutions with Crystalline Mesoporous Walls. Inorganic Chemistry, 2009, 48, 4421-4434.	4.0	216
28	Microwaveâ€Assisted Synthesis of Porous Ag₂Sâ€“Ag Hybrid Nanotubes with High Visibleâ€Light Photocatalytic Activity. Angewandte Chemie - International Edition, 2012, 51, 11501-11504.	13.8	215
29	Fabrication and Sizeâ€Selective Bioseparation of Magnetic Silica Nanospheres with Highly Ordered Periodic Mesostructure. Advanced Functional Materials, 2008, 18, 3203-3212.	14.9	179
30	Porous Niâ€“Mn oxide nanosheets in situ formed on nickel foam as 3D hierarchical monolith de-NO_x catalysts. Nanoscale, 2014, 6, 7346-7353.	5.6	178
31	Amine-modified mesocellular silica foams for CO2 capture. Chemical Engineering Journal, 2011, 168, 918-924.	12.7	170
32	Graphene-based nitrogen-doped carbon sandwich nanosheets: a new capacitive process controlled anode material for high-performance sodium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 8630-8635.	10.3	170
33	Ultrathin Titanate Nanosheets/Graphene Films Derived from Confined Transformation for Excellent Na/K Ion Storage. Angewandte Chemie - International Edition, 2018, 57, 8540-8544.	13.8	170
34	Hierarchical MoS₂ Shells Supported on Carbon Spheres for Highly Reversible Lithium Storage. Chemistry - A European Journal, 2014, 20, 5219-5223.	3.3	164
35	2020 Roadmap on Carbon Materials for Energy Storage and Conversion. Chemistry - an Asian Journal, 2020, 15, 995-1013.	3.3	154
36	Inhibiting grain coarsening and inducing oxygen vacancies: the roles of Mn in achieving a highly reversible conversion reaction and a long life SnO₂â€“Mnâ€“graphite ternary anode. Energy and Environmental Science, 2017, 10, 2017-2029.	30.8	152

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37	K⁺ pre-intercalated manganese dioxide with enhanced Zn²⁺ diffusion for high rate and durable aqueous zinc-ion batteries. Journal of Materials Chemistry A, 2019, 7, 20806-20812.	10.3	145
38	The Application of Hollow Structured Anodes for Sodiumâ€Ion Batteries: From Simple to Complex Systems. Advanced Materials, 2019, 31, e1800492.	21.0	143
39	Metalâ€“organic-frameworks-engaged formation of Co0.85Se@C nanoboxes embedded in carbon nanofibers film for enhanced potassium-ion storage. Energy Storage Materials, 2020, 24, 167-176.	18.0	143
40	Heterogeneous branched coreâ€“shell SnO2â€“PANI nanorod arrays with mechanical integrity and three dimentional electron transport for lithium batteries. Nano Energy, 2014, 8, 196-204.	16.0	140
41	Gallium Nitride Crystals: Novel Supercapacitor Electrode Materials. Advanced Materials, 2016, 28, 3768-3776.	21.0	136
42	Multi-shell hollow structured Sb2S3 for sodium-ion batteries with enhanced energy density. Nano Energy, 2019, 60, 591-599.	16.0	136
43	TiO₂nanotube arrays grafted with Fe₂O₃hollow nanorods as integrated electrodes for lithium-ion batteries. Journal of Materials Chemistry A, 2013, 1, 122-127.	10.3	130
44	Organicâ“Inorganic Hybrid Hollow Nanospheres with Microwindows on the Shell. Chemistry of Materials, 2008, 20, 4268-4273.	6.7	124
45	Porous Fe2O3 nanocubes derived from MOFs for highly reversible lithium storage. CrystEngComm, 2013, 15, 9332.	2.6	124
46	Oneâ€Pot Magnetic Field Induced Formation of Fe₃O₄/C Composite Microrods with Enhanced Lithium Storage Capability. Small, 2014, 10, 2815-2819.	10.0	120
47	Nickel nanoparticles prepared by hydrazine hydrate reduction and their application in supercapacitor. Powder Technology, 2012, 224, 162-167.	4.2	108
48	A review of phosphorus and phosphides as anode materials for advanced sodium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 4996-5048.	10.3	108
49	Novel Nafion composite membranes with mesoporous silica nanospheres as inorganic fillers. Journal of Power Sources, 2008, 185, 664-669.	7.8	106
50	Nitrogen-doped bamboo-like carbon nanotubes: promising anode materials for sodium-ion batteries. Chemical Communications, 2015, 51, 16045-16048.	4.1	104
51	Unusual Formation of Singleâ€Crystal Manganese Sulfide Microboxes Coâ€mediated by the Cubic Crystal Structure and Shape. Angewandte Chemie - International Edition, 2012, 51, 7267-7270.	13.8	103
52	Rational design of hollow N/Co-doped carbon spheres from bimetal-ZIFs for high-efficiency electrocatalysis. Chemical Engineering Journal, 2017, 330, 736-745.	12.7	97
53	Three-dimensional ordered macroporous bismuth vanadates: PMMA-templating fabrication and excellent visible light-driven photocatalytic performance for phenol degradation. Nanoscale, 2012, 4, 2317.	5.6	95
54	A covalent organic framework-based route to the in situ encapsulation of metal nanoparticles in N-rich hollow carbon spheres. Chemical Science, 2016, 7, 6015-6020.	7.4	90

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55	Hierarchically ordered meso/macroporous Î³-alumina for enhanced hydrodesulfurization performance. Microporous and Mesoporous Materials, 2012, 158, 1-6.	4.4	89
56	Hydrophobic Functional Group Initiated Helical Mesostructured Silica for Controlled Drug Release. Advanced Functional Materials, 2008, 18, 3834-3842.	14.9	85
57	Unveiling the Advances of Nanostructure Design for Alloyâ€Type Potassiumâ€Ion Battery Anodes via Inâ€…Situ TEM. Angewandte Chemie - International Edition, 2020, 59, 14504-14510.	13.8	82
58	3D Hollow Î±â€MnO₂ Framework as an Efficient Electrocatalyst for Lithiumâ€“Oxygen Batteries. Small, 2019, 15, e1804958.	10.0	82
59	Revealing the Origin of Improved Reversible Capacity of Dual-Shell Bismuth Boxes Anode for Potassium-Ion Batteries. Matter, 2019, 1, 1681-1693.	10.0	81
60	Hierarchical Graphene-Encapsulated Hollow SnO₂@SnS₂ Nanostructures with Enhanced Lithium Storage Capability. ACS Applied Materials & Interfaces, 2015, 7, 22533-22541.	8.0	78
61	Carbonâ€based flexible selfâ€supporting cathode for lithiumâ€sulfur batteries: Progress and perspective. , 2021, 3, 271-302.		77
62	From graphite to porous graphene-like nanosheets for high rate lithium-ion batteries. Nano Research, 2015, 8, 2998-3010.	10.4	76
63	Insight to the synergistic effect of N-doping level and pore structure on improving the electrochemical performance of sulfur/N-doped porous carbon cathode for Li-S batteries. Carbon, 2019, 144, 745-755.	10.3	75
64	Integrated SnO₂nanorod array with polypyrrole coverage for high-rate and long-life lithium batteries. Physical Chemistry Chemical Physics, 2015, 17, 7619-7623.	2.8	74
65	Metalâ€“organic frameworks derived hollow NiS₂ spheres encased in graphene layers for enhanced sodium-ion storage. Journal of Materials Chemistry A, 2018, 6, 14077-14082.	10.3	74
66	Layer-by-layer assembly and electrochemical properties of sandwiched film of manganese oxide nanosheet and carbon nanotube. Carbon, 2009, 47, 1534-1542.	10.3	73
67	Thermal Induced Strain Relaxation of 1D Iron Oxide for Solid Electrolyte Interphase Control and Lithium Storage Improvement. Advanced Energy Materials, 2017, 7, 1601582.	19.5	73
68	Encapsulated Vanadiumâ€Based Hybrids in Amorphous Nâ€Doped Carbon Matrix as Anode Materials for Lithiumâ€Ion Batteries. Small, 2017, 13, 1702081.	10.0	70
69	Mesoporous Ethaneâ”Silicas Functionalized with trans-(1R,2R)-Diaminocyclohexane as Heterogeneous Chiral Catalysts. Chemistry of Materials, 2005, 17, 6154-6160.	6.7	67
70	Growth of SnO₂nanosheet arrays on various conductive substrates as integrated electrodes for lithium-ion batteries. Materials Horizons, 2014, 1, 133-138.	12.2	66
71	Toward High Performance Allâ€Solidâ€State Lithium Batteries with Highâ€Voltage Cathode Materials: Design Strategies for Solid Electrolytes, Cathode Interfaces, and Composite Electrodes. Advanced Energy Materials, 2021, 11, 2003154.	19.5	65
72	Design strategies for MOF-derived porous functional materials: Preserving surfaces and nurturing pores. Journal of Materiomics, 2021, 7, 440-459.	5.7	62

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73	Metalâ€“organic framework derived yolkâ€“shell NiS₂/carbon spheres for lithiumâ€“sulfur batteries with enhanced polysulfide redox kinetics. Chemical Communications, 2019, 55, 3243-3246.	4.1	61
74	A Robust Graft-to Strategy To Form Multifunctional and Stealth Zwitterionic Polymer-Coated Mesoporous Silica Nanoparticles. Biomacromolecules, 2014, 15, 1845-1851.	5.4	59
75	Designed synthesis of sulfonated polystyrene/mesoporous silica hollow nanospheres as efficient solid acid catalysts. Journal of Materials Chemistry A, 2014, 2, 7546-7554.	10.3	58
76	Simultaneous removal of NOx and soot particulates over La0.7Ag0.3MnO3 perovskite oxide catalysts. Catalysis Today, 2010, 158, 423-426.	4.4	56
77	3D Interconnected MoS₂ with Enlarged Interlayer Spacing Grown on Carbon Nanofibers as a Flexible Anode Toward Superior Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 26982-26989.	8.0	56
78	Carbon-coated Fe₃O₄ microspheres with a porous multideck-cage structure for highly reversible lithium storage. Chemical Communications, 2015, 51, 6921-6924.	4.1	54
79	Sandwich-like nitrogen-doped porous carbon/graphene nanoflakes with high-rate capacitive performance. Nanoscale, 2016, 8, 7889-7898.	5.6	54
80	Highly ordered periodic mesoporous ethanesilica synthesized under neutral conditions. Journal of Materials Chemistry, 2005, 15, 2562.	6.7	53
81	Structure design of NiCo₂O₄ electrodes for high performance pseudocapacitors and lithium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 17394-17402.	10.3	53
82	Synthesis of phase-pure SnO2 nanosheets with different organized structures and their lithium storage properties. CrystEngComm, 2012, 14, 5133.	2.6	50
83	Cation-Assisted Formation of Porous TiO_{2â€“x} Nanoboxes with High Grain Boundary Density as Efficient Electrocatalysts for Lithiumâ€“Oxygen Batteries. ACS Catalysis, 2018, 8, 1720-1727.	11.2	47
84	Unveiling the Advances of Nanostructure Design for Alloyâ€Type Potassiumâ€Ion Battery Anodes via Inâ€…Situ TEM. Angewandte Chemie, 2020, 132, 14612-14618.	2.0	47
85	Formation of MSâ€“Ag and MS (M = Pb, Cd, Zn) nanotubes via microwave-assisted cation exchange and their enhanced photocatalytic activities. Nanoscale, 2013, 5, 10864.	5.6	46
86	Hierarchical NiCo₂O₄nanosheets on carbon nanofiber films for high energy density and long-life Liâ€“O₂batteries. Journal of Materials Chemistry A, 2017, 5, 14530-14536.	10.3	46
87	Chiral Mesoporous Organosilica Nanospheres: Effect of Pore Structure on the Performance in Asymmetric Catalysis. Chemistry - A European Journal, 2010, 16, 12727-12735.	3.3	44
88	Engineering the Formation of Secondary Building Blocks within Hollow Interiors. Advanced Materials, 2012, 24, 1424-1428.	21.0	43
89	Structural control of mesoporous silicas with large nanopores in a mild buffer solution. Microporous and Mesoporous Materials, 2008, 116, 330-338.	4.4	41
90	Large-scale growth of hierarchical transition-metal vanadate nanosheets on metal meshes as monolith catalysts for De-NO_xreaction. Nanoscale, 2015, 7, 2743-2749.	5.6	41

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91	Facile synthesis of hybrid hollow mesoporous nanospheres with high content of interpenetrating polymers for size-selective peptides/proteins enrichment. Chemical Communications, 2012, 48, 4190.	4.1	40
92	Grapheneâ€Assisted Exfoliation of Molybdenum Disulfide to Fabricate 2D Heterostructure for Enhancing Lithium Storage. Advanced Materials Interfaces, 2017, 4, 1601187.	3.7	38
93	Pt nanoclusters anchored on ordered macroporous nitrogen-doped carbon for accelerated water dissociation toward superior alkaline hydrogen production. Chemical Engineering Journal, 2022, 436, 135186.	12.7	38
94	Thiol functionalized mesoporous silicas for selective adsorption of precious metals. Minerals Engineering, 2012, 35, 20-26.	4.3	36
95	Ultrathin Titanate Nanosheets/Graphene Films Derived from Confined Transformation for Excellent Na/K Ion Storage. Angewandte Chemie, 2018, 130, 8676-8680.	2.0	36
96	CuSe decorated carbon nanotubes as a high performance cathode catalyst for microbial fuel cells. Electrochimica Acta, 2016, 213, 283-290.	5.2	35
97	Composition controlled nickel cobalt sulfide coreâ€“shell structures as high capacity and good rate-capability electrodes for hybrid supercapacitors. RSC Advances, 2016, 6, 50209-50216.	3.6	32
98	Encapsulated hollow Na2Ti3O7 spheres in reduced graphene oxide films for flexible sodium-ion batteries. Electrochimica Acta, 2018, 284, 287-293.	5.2	32
99	Porous Ni0.14Mn0.86O1.43 hollow microspheres as high-performing anodes for lithium-ion batteries. Journal of Power Sources, 2015, 291, 156-162.	7.8	30
100	3D hierarchical bayberry-like Ni@carbon hollow nanosphere/rGO hybrid as a new interesting electrode material for simultaneous detection of small biomolecules. Talanta, 2018, 178, 608-615.	5.5	29
101	Realizing Fast Diffusion Kinetics Based on Three-Dimensional Ordered Macroporous Cu₉S₅@C for Potassium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 36982-36991.	8.0	27
102	Tartardiamideâ€Functionalized Chiral Organosilicas with Highly Ordered Mesoporous Structure. Chemistry - an Asian Journal, 2008, 3, 1842-1849.	3.3	25
103	Fabrication and Biosensing with CNT/Aligned Mesostructured Silica Coreâ"Shell Nanowires. ACS Applied Materials & Interfaces, 2010, 2, 2767-2772.	8.0	25
104	Preparing a metal-ion chelated immobilized enzyme reactor based on the polyacrylamide monolith grafted with polyethylenimine for a facile regeneration and high throughput tryptic digestion in proteomics. Analytical and Bioanalytical Chemistry, 2012, 402, 703-710.	3.7	25
105	TiO_{2â€“x} Nanocages Anchored in N-Doped Carbon Fiber Films as a Flexible Anode for High-Energy Sodium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 4459-4466.	5.1	25
106	Efficient Surface Modulation of Single-Crystalline Na₂Ti₃O₇ Nanotube Arrays with Ti³⁺ Self-Doping toward Superior Sodium Storage. , 2019, 1, 389-398.		24
107	Synthesis of Sizeâ€Controllable NiCo₂S₄ Hollow Nanospheres Toward Enhanced Electrochemical Performance. Energy and Environmental Materials, 2020, 3, 421-428.	12.8	23
108	Hierarchical interlayer-expanded MoSe₂/Nâ€“C nanorods for high-rate and long-life sodium and potassium-ion batteries. Inorganic Chemistry Frontiers, 2021, 8, 1271-1278.	6.0	22

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109	Nanostructured NiCo2S4@NiCo2O4-reduced graphene oxide as an efficient hydrogen evolution electrocatalyst in alkaline electrolyte. Journal of Colloid and Interface Science, 2021, 601, 570-580.	9.4	22
110	Fabrication of a magnetic helical mesostructured silica rod. Nanotechnology, 2008, 19, 435608.	2.6	21
111	3-D flowerlike architectures constructed by ultrathin perpendicularly aligned mesoporous nanoflakes for enhanced asymmetric catalysis. Chemical Communications, 2011, 47, 4087.	4.1	19
112	Synthesis of Ionic Liquid-SBA-15 Composite Materials and Their Application for SO₂ Capture from Flue Gas. Energy & Fuels, 2018, 32, 678-687.	5.1	19
113	Low Interface Energies Tune the Electrochemical Reversibility of Tin Oxide Composite Nanoframes as Lithium-Ion Battery Anodes. ACS Applied Materials & Interfaces, 2018, 10, 36892-36901.	8.0	19
114	Formation of uniform porous yolkâ€“shell MnCo₂O₄ microrugby balls with enhanced electrochemical performance for lithium storage and the oxygen evolution reaction. Dalton Transactions, 2019, 48, 17022-17028.	3.3	19
115	Graphene layer reinforcing mesoporous molybdenum disulfide foam as high-performance anode for sodium-ion battery. Materials Today Energy, 2018, 8, 151-156.	4.7	16
116	Zn(Cu)Si₂₊_xP₃ Solid Solution Anodes for Highâ€Performance Liâ€Ion Batteries with Tunable Working Potentials. Advanced Functional Materials, 2019, 29, 1903638.	14.9	14
117	Novel Method of Fabricating Free-Standing and Nitrogen-Doped 3D Hierarchically Porous Carbon Monoliths as Anodes for High-Performance Sodium-Ion Batteries by Supercritical CO₂ Foaming. ACS Applied Materials & Interfaces, 2019, 11, 9125-9135.	8.0	14
118	Hydrogenated dual-shell sodium titanate cubes for sodium-ion batteries with optimized ion transportation. Journal of Materials Chemistry A, 2020, 8, 15829-15833.	10.3	14
119	Construction of Novel Bimetallic Oxyphosphide as Advanced Anode for Potassium Ion Hybrid Capacitor. Advanced Science, 2022, 9, e2105193.	11.2	14
120	Construction of S@TiO₂@râ€GO Composites for Highâ€Performance Lithiumâ€“Sulfur Batteries. European Journal of Inorganic Chemistry, 2017, 2017, 3248-3252.	2.0	12
121	Revealing the structure design of alloyed based electrodes for alkali metal ion batteries with in situ TEM. Journal of Energy Chemistry, 2021, 59, 405-418.	12.9	12
122	Granadilla-Inspired Structure Design for Conversion/Alloy-Reaction Electrode with Integrated Lithium Storage Behaviors. ACS Applied Materials & Interfaces, 2017, 9, 15470-15476.	8.0	11
123	Challenges and Perspectives for Doping Strategy for Manganese-Based Zinc-ion Battery Cathode. Energies, 2022, 15, 4698.	3.1	11
124	Anthraquinone-Based Covalent Organic Framework Nanosheets with Ordered Porous Structures for Highly Reversible Sodium Storage. Energy & Fuels, 2021, 35, 1851-1858.	5.1	9
125	Fabrication of WO2/W@C core-shell nanospheres for voltammetric simultaneous determination of thymine and cytosine. Mikrochimica Acta, 2020, 187, 62.	5.0	6
126	CNTs/mesostructured silica core-shell nanowires via interfacial surfactant templating. Science Bulletin, 2009, 54, 516-520.	9.0	4

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127	Negative differential resistance in GeSi coreâ€“shell transport junctions: the role of local sp2hybridization. Nanoscale, 2016, 8, 16026-16033.	5.6	3
128	In-situ formation of atomic-level Mn-Sn interfacial compounds for enhanced Li-ion integrated anode. Applied Surface Science, 2020, 508, 145243.	6.1	3
129	Editorial: Key Electrochemical Energy Reactions Catalyzed by Nanomaterials. Frontiers in Chemistry, 2019, 7, 881.	3.6	1
130	MXene Nanoflakes Confined in Multichannel Carbon Nanofibers as Electrocatalysts for Lithiumâ€“Sulfur Batteries. Journal of Electrochemical Energy Conversion and Storage, 2022, 19, .	2.1	1
131	Mediated electrochemistry of dimethyl sulfoxide reductase promoted by carbon nanotubes. Science China Chemistry, 2010, 53, 2560-2563.	8.2	0
132	A facile modification to improve the biocompatibility and adsorbability of activated carbon with zwitterionic hydrogel. Journal of Materials Science: Materials in Medicine, 2018, 29, 113.	3.6	0
133	InnenrÃ¼cktitelbild: Unveiling the Advances of Nanostructure Design for Alloyâ€Type Potassiumâ€Ion Battery Anodes via Inâ€…Situ TEM (Angew. Chem. 34/2020). Angewandte Chemie, 2020, 132, 14801-14801.	2.0	0