Li-Jie Ci

List of Publications by Year
in descending order

292 papers	27,247 citations	11608 70 h-index	6454 157 g-index
294 all docs	294 docs citations	294 times ranked	32141 citing authors

#	Article	IF	Citations
1	A novel coral-like garnet for high-performance PEO-based all solid-state batteries. Science China Materials, 2022, 65, 364-372.	3.5	20
2	One-step synthesis of hollow urchin-like Ag2Mn8O16 for long-life Li-O2 battery. Journal of Alloys and Compounds, 2022, 892, 162137.	2.8	4
3	Alleviation role of functional carbon nanodots for tomato growth and soil environment under drought stress. Journal of Hazardous Materials, 2022, 423, 127260.	6.5	14
4	Sheet-like garnet structure design for upgrading PEO-based electrolyte. Chemical Engineering Journal, 2022, 429, 132343.	6.6	42
5	In situ construction of a flexible interlayer for durable solid-state lithium metal batteries. Carbon, 2022, 187, 13-21.	5.4	13
6	Carbon Nanotubesâ€Based Electrocatalysts: Structural Regulation, Support Effect, and Synchrotronâ€Based Characterization. Advanced Functional Materials, 2022, 32, 2106684.	7.8	14
7	In situ modified sulfide solid electrolyte enabling stable lithium metal batteries. Journal of Power Sources, 2022, 518, 230739.	4.0	25
8	Reversible LiOH chemistry in Li-O2 batteries with free-standing Ag/Î´-MnO2 nanoflower cathode. Science China Materials, 2022, 65, 1431-1442.	3.5	9
9	Li₂CO₃: Insights into Its Blocking Effect on Li-Ion Transfer in Garnet Composite Electrolytes. ACS Applied Energy Materials, 2022, 5, 2853-2861.	2.5	17
10	Focusing on the Subsequent Coulombic Efficiencies of SiO_x: Initial High-Temperature Charge after Over-Capacity Prelithiation for High-Efficiency SiO_x-Based Full-Cell Battery. ACS Applied Materials & Interfaces, 2022, 14, 14284-14292.	4.0	22
11	Enhanced ions and electrons transmission enables high-performance KxMnO@C cathode for hybrid supercapacitors. Ceramics International, 2022, 48, 16516-16521.	2.3	2
12	Commercial carbon cloth: An emerging substrate for practical lithium metal batteries. Energy Storage Materials, 2022, 48, 172-190.	9.5	50
13	Functional carbon nanodots improve soil quality and tomato tolerance in saline-alkali soils. Science of the Total Environment, 2022, 830, 154817.	3.9	17
14	VS4 nanoarrays pillared Ti3C2Tx with enlarged interlayer spacing as anode for advanced lithium/sodium ion battery and hybrid capacitor. Journal of Power Sources, 2022, 534, 231412.	4.0	26
15	Trash to treasure: recycling discarded agarose gel for practical Na/K-ion batteries. Journal of Materials Chemistry A, 2022, 10, 15026-15035.	5.2	7
16	Interlayer Engineering of K_xMnO₂ Enables Superior Alkali Metal Ion Storage for Advanced Hybrid Capacitors. ChemElectroChem, 2022, 9, .	1.7	9
17	Low-cost and facile synthesis of LAGP solid state electrolyte via a co-precipitation method. Applied Physics Letters, 2022, 121, 023904.	1.5	8
18	Indium doped sulfide solid electrolyte with tamed lithium dendrite and improved ionic conductivity for all-solid-state battery applications. Journal of Power Sources, 2022, 542, 231794.	4.0	9

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19	Carbon aerogel reinforced PDMS nanocomposites with controllable and hierarchical microstructures for multifunctional wearable devices. Carbon, 2021, 171, 758-767.	5.4	29
20	Ag+ preintercalation enabling high performance AgxMnO2 cathode for aqueous Li-ion and Na-ion hybrid supercapacitors. Journal of Power Sources, 2021, 484, 229316.	4.0	8
21	Foldable potassium-ion batteries enabled by free-standing and flexible SnS₂@C nanofibers. Energy and Environmental Science, 2021, 14, 424-436.	15.6	142
22	Preparation and characterization of Sn-doped In2.77S4 nanosheets as a visible-light-induced photocatalyst for tetracycline degradation. Journal of Materials Science: Materials in Electronics, 2021, 32, 2822-2831.	1.1	8
23	Fast and stable K-ion storage enabled by synergistic interlayer and pore-structure engineering. Nano Research, 2021, 14, 4502-4511.	5.8	36
24	Spontaneous In Situ Surface Alloying of Li-Zn Derived from a Novel Zn2+-Containing Solid Polymer Electrolyte for Steady Cycling of Li Metal Battery. ACS Sustainable Chemistry and Engineering, 2021, 9, 4282-4292.	3.2	4
25	Bifunctional In Situ Polymerized Interface for Stable LAGPâ€Based Lithium Metal Batteries. Advanced Materials Interfaces, 2021, 8, 2100072.	1.9	22
26	Lewis Acidity Organoboronâ€Modified Liâ€Rich Cathode Materials for Highâ€Performance Lithiumâ€Ion Batteries. Advanced Materials Interfaces, 2021, 8, 2002113.	1.9	11
27	A graphene oxide coated sulfide-based solid electrolyte for dendrite-free lithium metal batteries. Carbon, 2021, 177, 52-59.	5.4	24
28	Phosphorous-doped bimetallic sulfides embedded in heteroatom-doped carbon nanoarrays for flexible all-solid-state supercapacitors. Science China Materials, 2021, 64, 2439-2453.	3.5	19
29	Enhanced Air and Electrochemical Stability of Li₇P₃S₁₁â€“Based Solid Electrolytes Enabled by Aliovalent Substitution of SnO₂. Advanced Materials Interfaces, 2021, 8, 2100368.	1.9	24
30	Rational construction of ternary ZnNiP arrayed structures derived from 2D MOFs for advanced hybrid supercapacitors and Zn batteries. Electrochimica Acta, 2021, 387, 138548.	2.6	25
31	Mechanistic Insights into the Structural Modulation of Transition Metal Selenides to Boost Potassium Ion Storage Stability. ACS Nano, 2021, 15, 14697-14708.	7.3	44
32	Potassium Ions Regulated the Disproportionation of Silicon Monoxide Boosting Its Performance for Lithium-Ion Battery Anodes. Energy & Fuels, 2021, 35, 16202-16211.	2.5	8
33	Ag_xMn₈O₁₆ Cathode Enables High-Performance Aqueous Li-Ion Hybrid Supercapacitors. Energy & Fuels, 2021, 35, 15101-15107.	2.5	3
34	Guest ions pre-intercalation strategy of manganese-oxides for supercapacitor and battery applications. Journal of Energy Chemistry, 2021, 60, 480-493.	7.1	36
35	A high-energy, long cycle life aqueous hybrid supercapacitor enabled by efficient battery electrode and widened potential window. Journal of Alloys and Compounds, 2021, 877, 160273.	2.8	8
36	Three-dimensional hollow nitrogen-doped carbon shells enclosed monodisperse CoP nanoparticles for long cycle-life sodium storage. Electrochimica Acta, 2021, 395, 139112.	2.6	19

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37	Effects of functional carbon nanodots on water hyacinth response to Cd/Pb stress: Implication for phytoremediation. Journal of Environmental Management, 2021, 299, 113624.	3.8	15
38	Accelerating the activation of Li₂MnO₃ in Li-rich high-Mn cathodes to improve its electrochemical performance. Nanoscale, 2021, 13, 4921-4930.	2.8	17
39	ZnCl₂-activated carbon from soybean dregs as a high efficiency adsorbent for cationic dye removal: isotherm, kinetic, and thermodynamic studies. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	24
40	Composite solid electrolyte of Na3PS4-PEO for all-solid-state SnS2/Na batteries with excellent interfacial compatibility between electrolyte and Na metal. Journal of Energy Chemistry, 2020, 41, 73-78.	7.1	48
41	Boron-doped graphene coated Au@SnO2 for high-performance triethylamine gas detection. Materials Chemistry and Physics, 2020, 239, 121961.	2.0	21
42	Potassium pre-inserted K1.04Mn8O16 as cathode materials for aqueous Li-ion and Na-ion hybrid capacitors. Journal of Energy Chemistry, 2020, 46, 53-61.	7.1	40
43	Nitrogen and sulfur co-doped porous carbon fibers film for flexible symmetric all-solid-state supercapacitors. Carbon, 2020, 158, 456-464.	5.4	72
44	Enhanced plant antioxidant capacity and biodegradation of phenol by immobilizing peroxidase on amphoteric nitrogen-doped carbon dots. Catalysis Communications, 2020, 134, 105847.	1.6	22
45	Enhanced bioaccumulation efficiency and tolerance for Cd (â…¡) in Arabidopsis thaliana by amphoteric nitrogen-doped carbon dots. Ecotoxicology and Environmental Safety, 2020, 190, 110108.	2.9	21
46	Facile construction of a hybrid artificial protective layer for stable lithium metal anode. Chemical Engineering Journal, 2020, 391, 123542.	6.6	25
47	Lightweight graphene oxide-based sponges with high compressibility and durability for dye adsorption. Carbon, 2020, 160, 54-63.	5.4	30
48	Stable Lithium Anode of Liâ€“O₂ Batteries in a Wet Electrolyte Enabled by a High-Current Treatment. Journal of Physical Chemistry Letters, 2020, 11, 172-178.	2.1	16
49	Stable lithium metal anode enabled by an artificial multi-phase composite protective film. Journal of Power Sources, 2020, 448, 227547.	4.0	30
50	Cold-pressing PEO/LAGP composite electrolyte for integrated all-solid-state lithium metal battery. Solid State Ionics, 2020, 345, 115156.	1.3	40
51	Structural Engineering of SnS₂ Encapsulated in Carbon Nanoboxes for Highâ€Performance Sodium/Potassiumâ€Ion Batteries Anodes. Small, 2020, 16, e2005023.	5.2	120
52	High performance hierarchically nanostructured graphene oxide/covalent organic framework hybrid membranes for stable organic solvent nanofiltration. Applied Materials Today, 2020, 20, 100791.	2.3	23
53	Impacts of surface chemistry of functional carbon nanodots on the plant growth. Ecotoxicology and Environmental Safety, 2020, 206, 111220.	2.9	22
54	Ultrathin carbon nanosheets for highly efficient capacitive K-ion and Zn-ion storage. Journal of Materials Chemistry A, 2020, 8, 22874-22885.	5.2	58

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55	Flexible rGO @ Nonwoven Fabricsâ€™ Membranes Guide Stable Lithium Metal Anodes for Lithiumâ€“Oxygen Batteries. ACS Applied Energy Materials, 2020, 3, 7944-7951.	2.5	9
56	SnO₂ microrods based triethylamine gas sensor. IOP Conference Series: Materials Science and Engineering, 2020, 772, 012058.	0.3	5
57	Ballâ€Milling Strategy for Fast and Stable Potassiumâ€ion Storage in Antimonyâ€Carbon Composite Anodes. ChemElectroChem, 2020, 7, 4587-4593.	1.7	6
58	Study on Ag2WO4/g-C3N4 Nanotubes as an Efficient Photocatalyst for Degradation of Rhodamine B. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4847-4857.	1.9	17
59	Microwave assisted crystalline and morphology evolution of flower-like Fe2O3@ iron doped K-birnessite composite and its application for lithium ion storage. Applied Surface Science, 2020, 525, 146513.	3.1	18
60	Enhanced Electrochemical Performance of Li_{1.2}[Mn_{0.54}Co_{0.13}Ni_{0.13}]O₂ Enabled by Synergistic Effect of Li_{1.5}Na_{0.5}SiO₃ Modification. Advanced Materials Interfaces, 2020, 7, 2000378.	1.9	9
61	Facilely tunable core-shell Si@SiOx nanostructures prepared in aqueous solution for lithium ion battery anode. Electrochimica Acta, 2020, 342, 136068.	2.6	52
62	Lithium-conducting covalent-organic-frameworks as artificial solid-electrolyte-interphase on silicon anode for high performance lithium ion batteries. Nano Energy, 2020, 72, 104657.	8.2	93
63	Ag doped urchin-like Î±-MnO2 toward efficient and bifunctional electrocatalysts for Li-O2 batteries. Nano Research, 2020, 13, 2356-2364.	5.8	27
64	Bio-inspired multiple-stimuli responsive porous materials with switchable flexibility and programmable shape morphing capability. Carbon, 2020, 161, 702-711.	5.4	12
65	Promotion effect of nitrogen-doped functional carbon nanodots on the early growth stage of plants. Oxford Open Materials Science, 2020, 1, .	0.5	5
66	High Current Enabled Stable Lithium Anode for Ultralong Cycling Life of Lithiumâ€“Oxygen Batteries. ACS Applied Materials & Interfaces, 2019, 11, 30793-30800.	4.0	21
67	Mesoporous Mn2O3 rods as a highly efficient catalyst for Li-O2 battery. Journal of Power Sources, 2019, 435, 226833.	4.0	29
68	Artificial Solid Electrolyte Interphase Coating to Reduce Lithium Trapping in Silicon Anode for High Performance Lithiumâ€ion Batteries. Advanced Materials Interfaces, 2019, 6, 1901187.	1.9	54
69	Reduced graphene oxide/SnO2@Au heterostructure for enhanced ammonia gas sensing. Chemical Physics Letters, 2019, 737, 136829.	1.2	19
70	Li metal-free rechargeable all-solid-state Li2S/Si battery based on Li7P3S11 electrolyte. Journal of Solid State Electrochemistry, 2019, 23, 3145-3151.	1.2	23
71	Nitrogen-doped carbon derived from pre-oxidized pitch for surface dominated potassium-ion storage. Carbon, 2019, 155, 601-610.	5.4	110
72	Selective Chemical Enhancement via Graphene Oxide in Infrared Attenuated Total Reflection Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 25286-25293.	1.5	5

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73	Boron nitride doped Li7P3S11 solid electrolyte with improved interfacial compatibility and application in all-solid-state Li/S battery. Journal of Materials Science: Materials in Electronics, 2019, 30, 19119-19125.	1.1	20
74	Well-defined cobalt sulfide nanoparticles locked in 3D hollow nitrogen-doped carbon shells for superior lithium and sodium storage. Energy Storage Materials, 2019, 18, 114-124.	9.5	62
75	A Review of the Role of Solvents in Formation of High-Quality Solution-Processed Perovskite Films. ACS Applied Materials & Interfaces, 2019, 11, 7639-7654.	4.0	113
76	Self-supported multidimensional Niâ€“Fe phosphide networks with holey nanosheets for high-performance all-solid-state supercapacitors. Journal of Materials Chemistry A, 2019, 7, 17386-17399.	5.2	72
77	Monometallic nanoporous nickel with high catalytic performance towards hydrazine electro-conversion and its DFT calculations. Electrochimica Acta, 2019, 317, 449-458.	2.6	8
78	Integrated nanocomposite of LiMn2O4/graphene/carbon nanotubes with pseudocapacitive properties as superior cathode for aqueous hybrid capacitors. Journal of Electroanalytical Chemistry, 2019, 842, 74-81.	1.9	38
79	Effective synthetic strategy for Zn_{0.76}Co_{0.24}S encapsulated in stabilized N-doped carbon nanoarchitecture towards ultra-long-life hybrid supercapacitors. Journal of Materials Chemistry A, 2019, 7, 14670-14680.	5.2	59
80	Surfaceâ€Confined SnS₂@C@rGO as Highâ€Performance Anode Materials for Sodiumâ€and Potassiumâ€Ion Batteries. ChemSusChem, 2019, 12, 2689-2700.	3.6	98
81	Hierarchically porous carbon supported Sn4P3 as a superior anode material for potassium-ion batteries. Energy Storage Materials, 2019, 23, 367-374.	9.5	120
82	Non-Flammable Phosphate Electrolyte with High Salt-to-Solvent Ratios for Safe Potassium-Ion Battery. Journal of the Electrochemical Society, 2019, 166, A1217-A1222.	1.3	48
83	High efficient adsorption and storage of iodine on S, N co-doped graphene aerogel. Journal of Hazardous Materials, 2019, 373, 705-715.	6.5	73
84	Growth direction control of lithium dendrites in a heterogeneous lithiophilic host for ultra-safe lithium metal batteries. Journal of Power Sources, 2019, 416, 141-147.	4.0	31
85	Tunable synthesis of LixMnO2 nanowires for aqueous Li-ion hybrid supercapacitor with high rate capability and ultra-long cycle life. Journal of Power Sources, 2019, 413, 302-309.	4.0	63
86	Fabrication of Perovskite Films with Long Carrier Lifetime for Efficient Perovskite Solar Cells from Low-Toxicity 1-Ethyl-2-Pyrrolidone. ACS Applied Energy Materials, 2019, 2, 320-327.	2.5	4
87	Surface-enhanced infrared attenuated total reflection spectroscopy via carbon nanodots for small molecules in aqueous solution. Analytical and Bioanalytical Chemistry, 2019, 411, 1863-1871.	1.9	10
88	Investigation on Crystallization of CH₃NH₃PbI₃ Perovskite and Its Intermediate Phase from Polar Aprotic Solvents. Crystal Growth and Design, 2019, 19, 959-965.	1.4	22
89	NaCa2Si3O8(OH)/PEDOT:PSS composite nanowires as anode materials for lithium-ion batteries. Chemical Physics Letters, 2019, 715, 40-44.	1.2	4
90	Potassium gluconate-derived N/S Co-doped carbon nanosheets as superior electrode materials for supercapacitors and sodium-ion batteries. Journal of Power Sources, 2019, 414, 308-316.	4.0	87

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91	Dissolution and recrystallization of perovskite induced by N-methyl-2-pyrrolidone in a closed steam annealing method. Journal of Energy Chemistry, 2019, 30, 78-83.	7.1	16
92	Nanocarbon Composites for Energy Storage Applications. ECS Meeting Abstracts, 2019, , .	0.0	0
93	Enhanced efficiency of perovskite solar cells by introducing controlled chloride incorporation into MAPbI3 perovskite films. Electrochimica Acta, 2018, 275, 1-7.	2.6	25
94	Crystallization of CH₃NH₃PbI_{3â˜'x}Br_x perovskite from micro-droplets of lead acetate precursor solution. CrystEngComm, 2018, 20, 3058-3065.	1.3	5
95	Green, Scalable, and Controllable Fabrication of Nanoporous Silicon from Commercial Alloy Precursors for High-Energy Lithium-Ion Batteries. ACS Nano, 2018, 12, 4993-5002.	7.3	269
96	High annealing temperature induced rapid grain coarsening for efficient perovskite solar cells. Journal of Colloid and Interface Science, 2018, 524, 483-489.	5.0	35
97	Graphene oxide based membrane intercalated by nanoparticles for high performance nanofiltration application. Chemical Engineering Journal, 2018, 347, 12-18.	6.6	143
98	High performance graphene oxide nanofiltration membrane prepared by electrospraying for wastewater purification. Carbon, 2018, 130, 487-494.	5.4	144
99	Fabrication of Perovskite Films with Large Columnar Grains via Solvent-Mediated Ostwald Ripening for Efficient Inverted Perovskite Solar Cells. ACS Applied Energy Materials, 2018, 1, 868-875.	2.5	58
100	Commercial expanded graphite as a lowâ€“cost, long-cycling life anode for potassiumâ€“ion batteries with conventional carbonate electrolyte. Journal of Power Sources, 2018, 378, 66-72.	4.0	299
101	Nanostructured LiMn2O4 composite as high-rate cathode for high performance aqueous Li-ion hybrid supercapacitors. Journal of Power Sources, 2018, 392, 116-122.	4.0	46
102	Li7P3S11 solid electrolyte coating silicon for high-performance lithium-ion batteries. Electrochimica Acta, 2018, 276, 325-332.	2.6	18
103	Experimental investigation of mechanical properties of UV-Curable 3D printing materials. Polymer, 2018, 145, 88-94.	1.8	45
104	A large-area free-standing graphene oxide multilayer membrane with high stability for nanofiltration applications. Chemical Engineering Journal, 2018, 345, 536-544.	6.6	136
105	Aluminum/graphene composites with enhanced heat-dissipation properties by in-situ reduction of graphene oxide on aluminum particles. Journal of Alloys and Compounds, 2018, 748, 854-860.	2.8	103
106	Three-dimensional iron sulfide-carbon interlocked graphene composites for high-performance sodium-ion storage. Nanoscale, 2018, 10, 7851-7859.	2.8	56
107	Dendrite-free Li metal anode enabled by a 3D free-standing lithiophilic nitrogen-enriched carbon sponge. Journal of Power Sources, 2018, 386, 77-84.	4.0	65
108	Vacuum distillation derived 3D porous current collector for stable lithiumâ€“metal batteries. Nano Energy, 2018, 47, 503-511.	8.2	221

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109	Synergic mechanism of adsorption and metal-free catalysis for phenol degradation by N-doped graphene aerogel. Chemosphere, 2018, 191, 389-399.	4.2	54
110	Flexible all-solid-state supercapacitors based on freestanding, binder-free carbon nanofibers@polypyrrole@graphene film. Chemical Engineering Journal, 2018, 334, 184-190.	6.6	113
111	Two-step fabrication of nanoporous copper films with tunable morphology for SERS application. Applied Surface Science, 2018, 427, 1271-1279.	3.1	30
112	High-performance red phosphorus/carbon nanofibers/graphene free-standing paper anode for sodium ion batteries. Journal of Materials Chemistry A, 2018, 6, 1574-1581.	5.2	65
113	Surfactant-dependent flower- and grass-like Zn_{0.76}Co_{0.24}S/Co₃S₄ for high-performance all-solid-state asymmetric supercapacitors. Journal of Materials Chemistry A, 2018, 6, 22830-22839.	5.2	60
114	Micron-Sized Nanoporous Antimony with Tunable Porosity for High-Performance Potassium-Ion Batteries. ACS Nano, 2018, 12, 12932-12940.	7.3	223
115	Enhanced Cycling Performance of Liâ€“O₂ Battery by Using a Li₃PO₄-Protected Lithium Anode in DMSO-Based Electrolyte. ACS Applied Energy Materials, 2018, 1, 5511-5517.	2.5	20
116	Reduced graphene oxide wrapped Au@ZnO core-shell structure for highly selective triethylamine gas sensing application at a low temperature. Sensors and Actuators A: Physical, 2018, 283, 128-133.	2.0	34
117	Hierarchical layer-by-layer porous FeCo₂S₄@Ni(OH)₂ arrays for all-solid-state asymmetric supercapacitors. Journal of Materials Chemistry A, 2018, 6, 20480-20490.	5.2	102
118	Investigation of the gas-sensitive properties for methanol detection based on ZnO/SnO2 heterostructure. IOP Conference Series: Materials Science and Engineering, 2018, 392, 032016.	0.3	2
119	Facile Fabrication of Nitrogenâ€Doped Porous Carbon as Superior Anode Material for Potassiumâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1802386.	10.2	393
120	In Situ Synthesis of a Lithiophilic Ag-Nanoparticles-Decorated 3D Porous Carbon Framework toward Dendrite-Free Lithium Metal Anodes. ACS Sustainable Chemistry and Engineering, 2018, 6, 15219-15227.	3.2	43
121	Reduced graphene oxide decorated Pt activated SnO2 nanoparticles for enhancing methanol sensing performance. Journal of Alloys and Compounds, 2018, 762, 8-15.	2.8	39
122	Lithium Dendrite Suppression and Enhanced Interfacial Compatibility Enabled by an Ex Situ SEI on Li Anode for LAGP-Based All-Solid-State Batteries. ACS Applied Materials & Interfaces, 2018, 10, 18610-18618.	4.0	123
123	Improved interfacial floatability of superhydrophobic and compressive S, N co-doped graphene aerogel by electrostatic spraying for highly efficient organic pollutants recovery from water. Applied Surface Science, 2018, 457, 780-788.	3.1	22
124	Synergistic double-shell coating of graphene and Li4SiO4 on silicon for high performance lithium-ion battery application. Diamond and Related Materials, 2018, 88, 60-66.	1.8	11
125	High-damping and conducting epoxy nanocomposite using both zinc oxide particles and carbon nanofibers. Journal of Materiomics, 2018, 4, 187-193.	2.8	3
126	Hollow nanoporous red phosphorus as an advanced anode for sodium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 12992-12998.	5.2	36

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127	Stable all-solid-state potassium battery operating at room temperature with a composite polymer electrolyte and a sustainable organic cathode. Journal of Power Sources, 2018, 399, 294-298.	4.0	109
128	Green and facile synthesis of nanosized polythiophene as an organic anode for high-performance potassium-ion battery. Functional Materials Letters, 2018, 11, 1840003.	0.7	20
129	Fabrication and electromagnetic properties of carbon-based iron nitride composite. Journal of Magnetism and Magnetic Materials, 2018, 466, 22-27.	1.0	29
130	Enhanced heterogeneous activation of peroxydisulfate by S, N co-doped graphene via controlling S, N functionalization for the catalytic decolorization of dyes in water. Chemosphere, 2018, 210, 120-128.	4.2	25
131	Self-supporting soft carbon fibers as binder-free and flexible anodes for high-performance sodium-ion batteries. Materials Technology, 2018, 33, 810-814.	1.5	12
132	Li7P3S11/poly(ethylene oxide) hybrid solid electrolytes with excellent interfacial compatibility for all-solid-state batteries. Journal of Power Sources, 2018, 400, 212-217.	4.0	88
133	Sandwichâ€Like FeCl₃@C as Highâ€Performance Anode Materials for Potassiumâ€Ion Batteries. Advanced Materials Interfaces, 2018, 5, 1800606.	1.9	53
134	Core-shell structured carbon nanofibers yarn@polypyrrole@graphene for high performance all-solid-state fiber supercapacitors. Carbon, 2018, 138, 264-270.	5.4	110
135	Facile preparation of fullerene nanorods for high-performance lithium-sulfur batteries. Materials Letters, 2018, 228, 175-178.	1.3	13
136	Nanoporous Red Phosphorus on Reduced Graphene Oxide as Superior Anode for Sodium-Ion Batteries. ACS Nano, 2018, 12, 7380-7387.	7.3	120
137	Metalâ€“Organic Framework Derived Iron Sulfideâ€“Carbon Coreâ€“Shell Nanorods as a Conversion-Type Battery Material. ACS Sustainable Chemistry and Engineering, 2017, 5, 5039-5048.	3.2	82
138	Control of the morphology of PbI₂ films for efficient perovskite solar cells by strong Lewis base additives. Journal of Materials Chemistry C, 2017, 5, 7458-7464.	2.7	57
139	Fabrication of high quality perovskite films by modulating the Pbâ€“O bonds in Lewis acidâ€“base adducts. Journal of Materials Chemistry A, 2017, 5, 8416-8422.	5.2	73
140	Graphene encapsulated Fe₃O₄ nanorods assembled into a mesoporous hybrid composite used as a high-performance lithium-ion battery anode material. Materials Chemistry Frontiers, 2017, 1, 1185-1193.	3.2	41
141	Enhanced performance of perovskite solar cells by strengthening a self-embedded solvent annealing effect in perovskite precursor films. RSC Advances, 2017, 7, 49144-49150.	1.7	11
142	Elucidating the Key Role of a Lewis Base Solvent in the Formation of Perovskite Films Fabricated from the Lewis Adduct Approach. ACS Applied Materials & Interfaces, 2017, 9, 32868-32875.	4.0	47
143	Tensile properties of millimeter-long multi-walled carbon nanotubes. Scientific Reports, 2017, 7, 9512.	1.6	66
144	A heart-coronary arteries structure of carbon nanofibers/graphene/silicon composite anode for high performance lithium ion batteries. Scientific Reports, 2017, 7, 9642.	1.6	28

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145	Lithium metal protection enabled by in-situ olefin polymerization for high-performance secondary lithium sulfur batteries. Journal of Power Sources, 2017, 363, 193-198.	4.0	43
146	Walnut-inspired microsized porous silicon/graphene coreâ€“shell composites for high-performance lithium-ion battery anodes. Nano Research, 2017, 10, 4274-4283.	5.8	72
147	A titanium-based metalâ€“organic framework as an ultralong cycle-life anode for PIBs. Chemical Communications, 2017, 53, 8360-8363.	2.2	94
148	High performance agar/graphene oxide composite aerogel for methylene blue removal. Carbohydrate Polymers, 2017, 155, 345-353.	5.1	251
149	Hierarchical Porous Chitosan Sponges as Robust and Recyclable Adsorbents for Anionic Dye Adsorption. Scientific Reports, 2017, 7, 18054.	1.6	94
150	Perovskite Solar Cells Fabricated by Using an Environmental Friendly Aprotic Polar Additive of 1,3-Dimethyl-2-imidazolidinone. Nanoscale Research Letters, 2017, 12, 632.	3.1	19
151	A novel Lithium/Sodium hybrid aqueous electrolyte for hybrid supercapacitors based on LiFePO₄ and activated carbon. Functional Materials Letters, 2016, 09, 1642008.	0.7	15
152	Enhancing the safety and electrochemical performance of ether based lithium sulfur batteries by introducing an efficient flame retarding additive. RSC Advances, 2016, 6, 53560-53565.	1.7	19
153	Metalâ€“organic framework-derived graphene@nitrogen doped carbon@ultrafine TiO₂ nanocomposites as high rate and long-life anodes for sodium ion batteries. Chemical Communications, 2016, 52, 12810-12812.	2.2	48
154	Unveil the Sizeâ€Đependent Mechanical Behaviors of Individual CNT/SiC Composite Nanofibers by In Situ Tensile Tests in SEM. Small, 2016, 12, 4486-4491.	5.2	20
155	Mental-organic framework derived CuO hollow spheres as high performance anodes for sodium ion battery. Materials Technology, 2016, 31, 497-500.	1.5	17
156	MnO₂ nanotubes with a water soluble binder as high performance sodium storage materials. RSC Advances, 2016, 6, 103579-103584.	1.7	18
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