Shuquan Liang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2025271/publications.pdf

Version: 2024-02-01

278 papers	28,544 citations	3731 89 h-index	6300 158 g-index
280 all docs	280 docs citations	280 times ranked	13711 citing authors

#	Article	IF	Citations
1	Perspectives in Electrochemical inâ€‰situ Structural Reconstruction of Cathode Materials for Multivalentâ€‐ion Storage. Energy and Environmental Materials, 2023, 6, .	12.8	23
2	Crystal plane induced in-situ electrochemical activation of manganese-based cathode enable long-term aqueous zinc-ion batteries. Green Energy and Environment, 2023, 8, 1429-1436.	8.7	20
3	Vanadiumâ€‐modified hard carbon spheres with sufficient pseudographitic domains as highâ€‐performance anode for sodiumâ€‐ion batteries. , 2023, 5, .		30
4	Anchoring Active Sites by Pt₂FeNi Alloy Nanoparticles on NiFe Layered Double Hydroxides for Efficient Electrocatalytic Oxygen Evolution Reaction. Energy and Environmental Materials, 2022, 5, 270-277.	12.8	14
5	Fundamental Understanding and Effect of Anionic Chemistry in Zinc Batteries. Energy and Environmental Materials, 2022, 5, 186-200.	12.8	18
6	Integrated â€˜all-in-oneâ€™ strategy to stabilize zinc anodes for high-performance zinc-ion batteries. National Science Review, 2022, 9, nwab177.	9.5	174
7	Interfacial thermodynamics-inspired electrolyte strategy to regulate output voltage and energy density of battery chemistry. Science Bulletin, 2022, 67, 626-635.	9.0	16
8	Au atoms doped in Ti3C2Tx MXene: Benefiting recovery of oxygen vacancies towards photocatalytic aerobic oxidation. Nano Research, 2022, 15, 2862-2869.	10.4	25
9	Organicâ€“Inorganic Hybrid Cathode with Dual Energyâ€‐Storage Mechanism for Ultrahighâ€‐Rate and Ultralongâ€‐Life Aqueous Zincâ€‐ion Batteries. Advanced Materials, 2022, 34, e2105452.	21.0	129
10	Progress and prospect of low-temperature zinc metal batteries. , 2022, 1, 100011.		107
11	Interfacial Engineering Strategy for High-Performance Zn Metal Anodes. Nano-Micro Letters, 2022, 14, 6.	27.0	177
12	Ion migration and defect effect of electrode materials in multivalent-ion batteries. Progress in Materials Science, 2022, 125, 100911.	32.8	79
13	Electrolyte/electrode interfacial electrochemical behaviors and optimization strategies in aqueous zinc-ion batteries. Energy Storage Materials, 2022, 45, 618-646.	18.0	125
14	pH-Responsive size-shrinkable mesoporous silica-based nanocarriers for improving tumor penetration and therapeutic efficacy. Nanoscale, 2022, 14, 1271-1284.	5.6	9
15	Synergetic stability enhancement with magnesium and calcium ion substitution for Ni/Mn-based P2-type sodium-ion battery cathodes. Chemical Science, 2022, 13, 726-736.	7.4	54
16	Eutectic electrolyte based on N-methylacetamide for highly reversible zincâ€“iodine battery. Energy and Environmental Science, 2022, 15, 1192-1200.	30.8	89
17	Enabling high-performance Na4MnV(PO4)3 cathode via synergetic strategy of carbon encapsulation and nanoengineering. Journal of Power Sources, 2022, 521, 230974.	7.8	17
18	Design Strategies for Highâ€‐Energyâ€‐Density Aqueous Zinc Batteries. Angewandte Chemie, 2022, 134, .	2.0	47

#	Article	IF	Citations
19	Design Strategies for Highâ€Energyâ€Density Aqueous Zinc Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	383
20	Tuning Zn2+ coordination tunnel by hierarchical gel electrolyte for dendrite-free zinc anode. Science Bulletin, 2022, 67, 955-962.	9.0	172
21	Hydrogen Bondâ€Functionalized Massive Solvation Modules Stabilizing Bilateral Interfaces. Advanced Functional Materials, 2022, 32, .	14.9	82
22	Autocatalytic oncotherapy nanosystem with glucose depletion for the cascade amplification of hypoxia-activated chemotherapy and H₂O₂-dependent chemodynamic therapy. Biomaterials Science, 2022, 10, 2358-2369.	5.4	10
23	Modulation of Surface Oxygen Defects on ZnO/ZnS Catalysts to Promote Photocatalytic H ₂ Production. ChemistrySelect, 2022, 7, .	1.5	1
24	Low Currentâ€Density Stable Zincâ€Metal Batteries Via Aqueous/Organic Hybrid Electrolyte. Batteries and Supercaps, 2022, 5, .	4.7	42
25	Hydrated Eutectic Electrolyte with Ligandâ€Oriented Solvation Shell to Boost the Stability of Zinc Battery. Advanced Functional Materials, 2022, 32, .	14.9	87
26	Issues and Opportunities Facing Aqueous Mn²⁺/MnO₂â€based Batteries. ChemSusChem, 2022, 15, .	6.8	129
27	Intelligent Nanoplatform with Multi Therapeutic Modalities for Synergistic Cancer Therapy. ACS Applied Materials & Interfaces, 2022, 14, 13122-13135.	8.0	17
28	Simultaneous regulation of cations and anions in an electrolyte for high-capacity, high-stability aqueous zincâ€“vanadium batteries. EScience, 2022, 2, 209-218.	41.6	138
29	Building Ultra-Stable and Low-Polarization Composite Zn Anode Interface via Hydrated Polyzwitterionic Electrolyte Construction. Nano-Micro Letters, 2022, 14, 93.	27.0	46
30	Hierarchical 1D/2D V₃S₄@N, S-Codoped rGO Hybrids as High-Performance Anode Materials for Fast and Stable Lithium-Ion Storage. ACS Applied Energy Materials, 2022, 5, 4722-4732.	5.1	5
31	Regulating Zinc Deposition Behaviors by the Conditioner of PAN Separator for Zincâ€Ion Batteries. Advanced Functional Materials, 2022, 32, .	14.9	130
32	Manipulating Ion Concentration to Boost Twoâ€Electron Mn⁴⁺/Mn²⁺ Redox Kinetics through a Colloid Electrolyte for Highâ€Capacity Zinc Batteries. Advanced Energy Materials, 2022, 12, .	19.5	65
33	Quasiâ€Solid Electrolyte Design and In Situ Construction of Dual Electrolyte/Electrode Interphases for Highâ€Stability Zinc Metal Battery. Advanced Energy Materials, 2022, 12, .	19.5	42
34	Synergetic Effect of Alkaliâ€Site Substitution and Oxygen Vacancy Boosting Vanadate Cathode for Superâ€Stable Potassium and Zinc Storage. Advanced Functional Materials, 2022, 32, .	14.9	28
35	Suppressing by-product via stratified adsorption effect to assist highly reversible zinc anode in aqueous electrolyte. Journal of Energy Chemistry, 2021, 55, 549-556.	12.9	132
36	Inâ€situ Copper Doping with ZnO/ZnS Heterostructures to Promote Interfacial Photocatalysis of Microsized Particles. ChemCatChem, 2021, 13, 564-573.	3.7	16

#	Article	IF	Citations
37	Highly Dispersed Cobalt Nanoparticles Embedded in Nitrogen-Doped Graphitized Carbon for Fast and Durable Potassium Storage. Nano-Micro Letters, 2021, 13, 21.	27.0	80
38	Melamine-assisted synthesis of ultrafine Mo2C/Mo2N@N-doped carbon nanofibers for enhanced alkaline hydrogen evolution reaction activity. Science China Materials, 2021, 64, 1150-1158.	6.3	25
39	Perspective on the synergistic effect of chalcogenide multiphases in sodium-ion batteries. Materials Chemistry Frontiers, 2021, 5, 1694-1715.	5.9	22
40	Fundamentals and perspectives of electrolyte additives for aqueous zinc-ion batteries. Energy Storage Materials, 2021, 34, 545-562.	18.0	330
41	Regulation of Active Oxygen Species by Grain Boundaries to Optimize Reaction Paths toward Aerobic Oxidations. Energy and Environmental Materials, 2021, 4, 444-450.	12.8	0
42	Enriching surface oxygen vacancies of spinel Co₃O₄ to boost H₂O adsorption for HER in alkaline media. Materials Advances, 2021, 2, 7054-7063.	5.4	9
43	Liquid Alloy Interlayer for Aqueous Zinc-Ion Battery. ACS Energy Letters, 2021, 6, 675-683.	17.4	135
44	Cowpea-like N-Doped Silicon Oxycarbide/Carbon Nanofibers as Anodes for High-Performance Lithium-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 1677-1686.	5.1	21
45	Electrolyte Strategies toward Better Zinc-Ion Batteries. ACS Energy Letters, 2021, 6, 1015-1033.	17.4	376
46	Inorganic Colloidal Electrolyte for Highly Robust Zinc-Ion Batteries. Nano-Micro Letters, 2021, 13, 69.	27.0	152
47	Surfaceâ€Preferred Crystal Plane for a Stable and Reversible Zinc Anode. Advanced Materials, 2021, 33, e2100187.	21.0	432
48	Porous structure ZnV2O4/C-N composite activating vanadium-based cathode in aqueous zinc-ion batteries. Materials Today Communications, 2021, 27, 102271.	1.9	8
49	Mechanistic Insights of Mg²⁺â€Electrolyte Additive for Highâ€Energy and Longâ€Life Zincâ€Ion Hybrid Capacitors. Advanced Energy Materials, 2021, 11, 2101158.	19.5	108
50	Layered Barium Vanadate Cathodes for Aqueous Zinc Batteries: Enhancing Cycling Stability through Inhibition of Vanadium Dissolution. ACS Applied Energy Materials, 2021, 4, 6197-6204.	5.1	18
51	Interfacial <scp>adsorptionâ€“insertion</scp> mechanism induced by phase boundary toward better aqueous <scp>Znâ€ion</scp> battery. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 1028-1036.	17.3	194
52	Reaction mechanisms and optimization strategies of manganese-based materials for aqueous zinc batteries. Materials Today Energy, 2021, 20, 100626.	4.7	42
53	Antiâ€Corrosive and Znâ€ionâ€Regulating Composite Interlayer Enabling Longâ€Life Zn Metal Anodes. Advanced Functional Materials, 2021, 31, 2104361.	14.9	135
54	Atomic-level insights into the activation of nitrogen via hydrogen-bond interaction toward nitrogen photofixation. CheM, 2021, 7, 2118-2136.	11.7	33

#	Article	IF	Citations
55	Increasing Accessible Subsurface to Improving Rate Capability and Cycling Stability of Sodiumâ€Ion Batteries. Advanced Materials, 2021, 33, e2100808.	21.0	110
56	Stable Zinc Metal Anodes with Textured Crystal Faces and Functional Zinc Compound Coatings. Advanced Functional Materials, 2021, 31, 2106114.	14.9	109
57	Stabilization of Zn Metal Anode through Surface Reconstruction of a Ceriumâ€Based Conversion Film. Advanced Functional Materials, 2021, 31, 2103227.	14.9	97
58	In Situ Defect Induction in Closeâ€Packed Lattice Plane for the Efficient Zinc Ion Storage. Small, 2021, 17, e2101944.	10.0	24
59	pHâ€Buffer Contained Electrolyte for Selfâ€Adjusted Cathodeâ€Free Znâ€“MnO₂ Batteries with Coexistence of Dual Mechanisms. Small Structures, 2021, 2, 2100119.	12.0	196
60	Liquid Alloying Naâ€“K for Sodium Metal Anodes. Journal of Physical Chemistry Letters, 2021, 12, 9321-9327.	4.6	9
61	Pseudocapacitance-dominated zinc storage enabled by nitrogen-doped carbon stabilized amorphous vanadyl phosphate. Chemical Engineering Journal, 2021, 426, 131868.	12.7	20
62	Progress and prospect of the zincâ€“iodine battery. Current Opinion in Electrochemistry, 2021, 30, 100761.	4.8	24
63	Improving stability and reversibility via fluorine doping in aqueous zincâ€“manganese batteries. Materials Today Energy, 2021, 22, 100851.	4.7	18
64	Enveloping a Si/N-doped carbon composite in a CNT-reinforced fibrous network as flexible anodes for high performance lithium-ion batteries. Inorganic Chemistry Frontiers, 2021, 8, 4386-4394.	6.0	15
65	Highly reversible zinc-ion battery enabled by suppressing vanadium dissolution through inorganic Zn2+ conductor electrolyte. Nano Energy, 2021, 90, 106621.	16.0	40
66	Nitrogenâ€doped porous biomass carbon with ultrastable performance as anodes for potassiumâ€ion batteries. Nano Select, 2021, 2, 810-816.	3.7	3
67	Copper-Stabilized Pâ€²2-Type Layered Manganese Oxide Cathodes for High-Performance Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 58665-58673.	8.0	24
68	Spatially homogeneous copper foam as surface dendrite-free host for zinc metal anode. Chemical Engineering Journal, 2020, 379, 122248.	12.7	308
69	Electrochemically induced cationic defect in MnO intercalation cathode for aqueous zinc-ion battery. Energy Storage Materials, 2020, 24, 394-401.	18.0	270
70	New Prelithiated V₂O₅ Superstructure for Lithium-Ion Batteries with Long Cycle Life and High Power. ACS Energy Letters, 2020, 5, 31-38.	17.4	113
71	Manipulating the ion-transfer kinetics and interface stability for high-performance zinc metal anodes. Energy and Environmental Science, 2020, 13, 503-510.	30.8	828
72	In situ formation of porous LiCuVO4/LiVO3/C nanotubes as a high-capacity anode material for lithium ion batteries. Inorganic Chemistry Frontiers, 2020, 7, 340-346.	6.0	19

#	Article	IF	Citations
73	Oxygen Defects in Î²-MnO2 Enabling High-Performance Rechargeable Aqueous Zinc/Manganese Dioxide Battery. IScience, 2020, 23, 100797.	4.1	184
74	Sulfurâ€Doped Carbonâ€Wrapped Heterogeneous Fe₃O₄/Fe₇S₈/C Nanoplates as Stable Anode for Lithiumâ€Ion Batteries. Batteries and Supercaps, 2020, 3, 344-353.	4.7	25
75	Fundamentals and perspectives in developing zinc-ion battery electrolytes: a comprehensive review. Energy and Environmental Science, 2020, 13, 4625-4665.	30.8	497
76	Carbon quantum dot modified Na₃V₂(PO₄)₂F₃as a high-performance cathode material for sodium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 18872-18879.	10.3	59
77	Preparation of Defect-Related Luminescent Mesoporous Silica Nanoparticle as Potential Detectable Drug Carrier. Journal of Nanoscience and Nanotechnology, 2020, 20, 7362-7368.	0.9	3
78	Interlayer Doping in Layered Vanadium Oxides for Lowâ€cost Energy Storage: Sodiumâ€Ion Batteries and Aqueous Zincâ€Ion Batteries. ChemNanoMat, 2020, 6, 1553-1566.	2.8	49
79	Large-scale and facile synthesis of a porous high-entropy alloy CrMnFeCoNi as an efficient catalyst. Journal of Materials Chemistry A, 2020, 8, 18318-18326.	10.3	37
80	Tuning crystal structure and redox potential of NASICON-type cathodes for sodium-ion batteries. Nano Research, 2020, 13, 3330-3337.	10.4	49
81	Modulating oxygen coverage of Ti3C2Tx MXenes to boost catalytic activity for HCOOH dehydrogenation. Nature Communications, 2020, 11, 4251.	12.8	81
82	Tuning Interface Bridging Between MoSe2 and Three-Dimensional Carbon Framework by Incorporation of MoC Intermediate to Boost Lithium Storage Capability. Nano-Micro Letters, 2020, 12, 171.	27.0	53
83	Facilitating Phase Evolution for a High-Energy-Efficiency, Low-Cost O3-Type Na_xCu_{0.18}Fe_{0.3}Mn_{0.52}O₂ Sodium Ion Battery Cathode. Inorganic Chemistry, 2020, 59, 13792-13800.	4.0	15
84	Anode Materials for Aqueous Zinc Ion Batteries: Mechanisms, Properties, and Perspectives. ACS Nano, 2020, 14, 16321-16347.	14.6	340
85	Near-infrared light-driven photofixation of nitrogen over Ti3C2Tx/TiO2 hybrid structures with superior activity and stability. Applied Catalysis B: Environmental, 2020, 273, 119072.	20.2	86
86	Electrochemical Activation of Manganeseâ€Based Cathode in Aqueous Zincâ€Ion Electrolyte. Advanced Functional Materials, 2020, 30, 2002711.	14.9	120
87	Hierarchically Structured Nitrogen-Doped Carbon Microspheres for Advanced Potassium Ion Batteries. , 2020, 2, 853-860.		70
88	Controllable Ag Migration To Form One-Dimensional Ag/Ag₂S@ZnS for Bifunctional Catalysis. ACS Applied Energy Materials, 2020, 3, 6146-6154.	5.1	18
89	A Sieveâ€Functional and Uniformâ€Porous Kaolin Layer toward Stable Zinc Metal Anode. Advanced Functional Materials, 2020, 30, 2000599.	14.9	449
90	Î²-FeOOH: a new anode for potassium-ion batteries. Chemical Communications, 2020, 56, 3713-3716.	4.1	28

#	Article	IF	Citations
91	Rational design of the pea-pod structure of SiO_x/C nanofibers as a high-performance anode for lithium ion batteries. Inorganic Chemistry Frontiers, 2020, 7, 1762-1769.	6.0	31
92	Layered hydrated vanadium oxide as highly reversible intercalation cathode for aqueous Znâ€ion batteries. , 2020, 2, 294-301.		80
93	Porous CuFe for Plasmon-Assisted N₂ Photofixation. ACS Energy Letters, 2020, 5, 2444-2451.	17.4	35
94	Enlarged interlayer spacing and enhanced capacitive behavior of a carbon anode for superior potassium storage. Science Bulletin, 2020, 65, 2014-2021.	9.0	47
95	Solvent Molecule Cooperation Enhancing Lithium Metal Battery Performance at Both Electrodes. Angewandte Chemie, 2020, 132, 7871-7876.	2.0	4
96	Zn/MnO2 battery chemistry with dissolution-deposition mechanism. Materials Today Energy, 2020, 16, 100396.	4.7	245
97	Ion-confinement effect enabled by gel electrolyte for highly reversible dendrite-free zinc metal anode. Energy Storage Materials, 2020, 27, 109-116.	18.0	262
98	Issues and Future Perspective on Zinc Metal Anode for Rechargeable Aqueous Zincâ€ion Batteries. Energy and Environmental Materials, 2020, 3, 146-159.	12.8	475
99	A one-pot synthesis of hetero-Co₉S₈â€“NiS sheets on graphene to boost lithiumâ€“sulfur battery performance. Inorganic Chemistry Frontiers, 2020, 7, 2160-2167.	6.0	12
100	Sulfurâ€Doped Carbonâ€Wrapped Heterogeneous Fe 3 O 4 /Fe 7 S 8 /C Nanoplates as Stable Anode for Lithiumâ€ion Batteries. Batteries and Supercaps, 2020, 3, 308-308.	4.7	3
101	Fe Single-Atom Catalyst for Visible-Light-Driven Photofixation of Nitrogen Sensitized by Triphenylphosphine and Sodium Iodide. ACS Catalysis, 2020, 10, 5502-5510.	11.2	51
102	Solvent Molecule Cooperation Enhancing Lithium Metal Battery Performance at Both Electrodes. Angewandte Chemie - International Edition, 2020, 59, 7797-7802.	13.8	57
103	A Facile Carbon Quantum Dotâ€Modified Reduction Approach Towards Tunable Sb@CQDs Nanoparticles for High Performance Sodium Storage. Batteries and Supercaps, 2020, 3, 463-469.	4.7	20
104	Development and challenges of aqueous rechargeable zinc batteries. Chinese Science Bulletin, 2020, 65, 3562-3584.	0.7	28
105	Guest Pre-intercalation Strategy to Boost the Electrochemical Performance of Aqueous Zinc-ion Battery Cathodes. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2020, .	4.9	34
106	Tin sulfide nanoparticles embedded in sulfur and nitrogen dual-doped mesoporous carbon fibers as high-performance anodes with battery-capacitive sodium storage. Energy Storage Materials, 2019, 18, 366-374.	18.0	101
107	Observation of combination displacement/intercalation reaction in aqueous zinc-ion battery. Energy Storage Materials, 2019, 18, 10-14.	18.0	165
108	Bimetallic phosphides embedded in hierarchical P-doped carbon for sodium ion battery and hydrogen evolution reaction applications. Science China Materials, 2019, 62, 1857-1867.	6.3	23

#	Article	IF	Citations
109	Binding MoSe₂ with dual protection carbon for high-performance sodium storage. Journal of Materials Chemistry A, 2019, 7, 22871-22878.	10.3	69
110	Naâ€Ion Batteries: A Confined Replacement Synthesis of Bismuth Nanodots in MOF Derived Carbon Arrays as Binderâ€Free Anodes for Sodiumâ€Ion Batteries (Adv. Sci. 16/2019). Advanced Science, 2019, 6, 1970098.	11.2	4
111	Formation and Evolution of Lithium Metal Anodeâ€“Carbonate Electrolyte Interphases. , 2019, 1, 254-259.		23
112	A review on recent developments and challenges of cathode materials for rechargeable aqueous Zn-ion batteries. Journal of Materials Chemistry A, 2019, 7, 18209-18236.	10.3	387
113	Facile synthesis of LiVO3 and its electrochemical behavior in rechargeable lithium batteries. Journal of Electroanalytical Chemistry, 2019, 853, 113505.	3.8	18
114	Cathode Interfacial Layer Formation via in Situ Electrochemically Charging in Aqueous Zinc-Ion Battery. ACS Nano, 2019, 13, 13456-13464.	14.6	184
115	Operando Oxygen Vacancies for Enhanced Activity and Stability toward Nitrogen Photofixation. Advanced Energy Materials, 2019, 9, 1902319.	19.5	88
116	Simultaneous Cationic and Anionic Redox Reactions Mechanism Enabling Highâ€Rate Longâ€Life Aqueous Zincâ€Ion Battery. Advanced Functional Materials, 2019, 29, 1905267.	14.9	140
117	Ultra-High Mass-Loading Cathode for Aqueous Zinc-Ion Battery Based on Graphene-Wrapped Aluminum Vanadate Nanobelts. Nano-Micro Letters, 2019, 11, 69.	27.0	122
118	Structural perspective on revealing energy storage behaviors of silver vanadate cathodes in aqueous zinc-ion batteries. Acta Materialia, 2019, 180, 51-59.	7.9	86
119	Homogeneous Deposition of Zinc on Three-Dimensional Porous Copper Foam as a Superior Zinc Metal Anode. ACS Sustainable Chemistry and Engineering, 2019, 7, 17737-17746.	6.7	151
120	Engineering the interplanar spacing of ammonium vanadates as a high-performance aqueous zinc-ion battery cathode. Journal of Materials Chemistry A, 2019, 7, 940-945.	10.3	291
121	Highly Reversible Phase Transition Endows V₆O₁₃ with Enhanced Performance as Aqueous Zincâ€Ion Battery Cathode. Energy Technology, 2019, 7, 1900022.	3.8	108
122	Necklace-like Si@C nanofibers as robust anode materials for high performance lithium ion batteries. Science Bulletin, 2019, 64, 261-269.	9.0	63
123	A Confined Replacement Synthesis of Bismuth Nanodots in MOF Derived Carbon Arrays as Binderâ€Free Anodes for Sodiumâ€Ion Batteries. Advanced Science, 2019, 6, 1900162.	11.2	90
124	Construction of V2O5/NaV6O15 biphase composites as aqueous zinc-ion battery cathode. Journal of Electroanalytical Chemistry, 2019, 847, 113246.	3.8	27
125	In2O3 Nanocrystals for CO2 Fixation: Atomic-Level Insight into the Role of Grain Boundaries. IScience, 2019, 16, 390-398.	4.1	14
126	Trimetallic Hybrid Sulfides Embedded in Nitrogen-Doped Carbon Nanocubes as an Advanced Sodium-Ion Battery Anode. ACS Applied Energy Materials, 2019, 2, 4567-4575.	5.1	28

#	Article	IF	Citations
127	Yolk-shell structured V2O3 microspheres wrapped in N, S co-doped carbon as pea-pod nanofibers for high-capacity lithium ion batteries. Chemical Engineering Journal, 2019, 374, 545-553.	12.7	86
128	Towards a durable high performance anode material for lithium storage: stabilizing N-doped carbon encapsulated FeS nanosheets with amorphous TiO₂. Journal of Materials Chemistry A, 2019, 7, 16541-16552.	10.3	30
129	Synthesis of polycrystalline K0.25V2O5 nanoparticles as cathode for aqueous zinc-ion battery. Journal of Alloys and Compounds, 2019, 801, 82-89.	5.5	56
130	Cyclic enzymatic amplification method for highly sensitive detection of nuclear factor-kappa B. Analytica Chimica Acta, 2019, 1068, 80-86.	5.4	8
131	Transition metal ion-preintercalated V2O5 as high-performance aqueous zinc-ion battery cathode with broad temperature adaptability. Nano Energy, 2019, 61, 617-625.	16.0	340
132	Metal Organic Framework-Templated Synthesis of Bimetallic Selenides with Rich Phase Boundaries for Sodium-Ion Storage and Oxygen Evolution Reaction. ACS Nano, 2019, 13, 5635-5645.	14.6	400
133	Highly regioselective complexation of tungsten with Eu@C₈₂/Eu@C₈₄: interplay between endohedral and exohedral metallic units induced by electron transfer. Chemical Science, 2019, 10, 4945-4950.	7.4	19
134	V2O5 Nanospheres with Mixed Vanadium Valences as High Electrochemically Active Aqueous Zinc-Ion Battery Cathode. Nano-Micro Letters, 2019, 11, 25.	27.0	274
135	Nanoflake-constructed porous Na3V2(PO4)3/C hierarchical microspheres as a bicontinuous cathode for sodium-ion batteries applications. Nano Energy, 2019, 60, 312-323.	16.0	154
136	Reversible Zn-driven reduction displacement reaction in aqueous zinc-ion battery. Journal of Materials Chemistry A, 2019, 7, 7355-7359.	10.3	84
137	In situ formation of Ni₃S₂â€“Cu_{1.8}S nanosheets to promote hybrid supercapacitor performance. Journal of Materials Chemistry A, 2019, 7, 11044-11052.	10.3	71
138	Vertically oriented Sn₃O₄ nanoflakes directly grown on carbon fiber cloth for high-performance lithium storage. Inorganic Chemistry Frontiers, 2019, 6, 1468-1474.	6.0	14
139	Sodium Citrate Induced Sol-gel Synthesis of Rhombohedral Structure Li₂NaV₂(PO₄)₃/C Composite with High Capacity and Stability as Cathode for Lithiumâ€“ion Batteries. Electrochemistry, 2019, 87, 26-29.	1.4	0
140	Investigation of sodium vanadate as a high-performance aqueous zinc-ion battery cathode. Journal of Energy Chemistry, 2019, 37, 172-175.	12.9	29
141	Suppressing Manganese Dissolution in Potassium Manganate with Rich Oxygen Defects Engaged Highâ€Energyâ€Density and Durable Aqueous Zincâ€Ion Battery. Advanced Functional Materials, 2019, 29, 1808375.	14.9	568
142	Structural Modification of V₂O₅ as High-Performance Aqueous Zinc-Ion Battery Cathode. Journal of the Electrochemical Society, 2019, 166, A480-A486.	2.9	75
143	Issues and opportunities facing aqueous zinc-ion batteries. Energy and Environmental Science, 2019, 12, 3288-3304.	30.8	1,313
144	Photocatalysis: Operando Oxygen Vacancies for Enhanced Activity and Stability toward Nitrogen Photofixation (Adv. Energy Mater. 43/2019). Advanced Energy Materials, 2019, 9, 1970170.	19.5	6

#	Article	IF	Citations
145	Synthesis of K0.25V2O5 hierarchical microspheres as a high-rate and long-cycle cathode for lithium metal batteries. Journal of Alloys and Compounds, 2019, 772, 852-860.	5.5	14
146	An Exploration of New Energy Storage System: High Energy Density, High Safety, and Fast Charging Lithium Ion Battery. Advanced Functional Materials, 2019, 29, 1805978.	14.9	109
147	Hierarchical mesoporous MoSe2@CoSe/N-doped carbon nanocomposite for sodium ion batteries and hydrogen evolution reaction applications. Energy Storage Materials, 2019, 21, 97-106.	18.0	128
148	Self-Supported Fe-Doped CoP Nanowire Arrays Grown on Carbon Cloth with Enhanced Properties in Lithium-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 406-412.	5.1	29
149	Facile fabrication of interconnected-mesoporous T-Nb2O5 nanofibers as anodes for lithium-ion batteries. Science China Materials, 2019, 62, 465-473.	6.3	31
150	Influence of probe-sonication process on drug entrapment efficiency of liposomes loaded with a hydrophobic drug. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 193-197.	3.4	22
151	Uniform MnCo₂O₄ Porous Dumbbells for Lithium-Ion Batteries and Oxygen Evolution Reactions. ACS Applied Materials & Interfaces, 2018, 10, 8730-8738.	8.0	83
152	Synthesis of mesoporous silica-calcium phosphate hybrid nanoparticles and their potential as efficient adsorbent for cadmium ions removal from aqueous solution. Journal of Colloid and Interface Science, 2018, 525, 126-135.	9.4	26
153	Binder-free stainless steel@Mn₃O₄ nanoflower composite: a high-activity aqueous zinc-ion battery cathode with high-capacity and long-cycle-life. Journal of Materials Chemistry A, 2018, 6, 9677-9683.	10.3	269
154	Investigation of V₂O₅ as a low-cost rechargeable aqueous zinc ion battery cathode. Chemical Communications, 2018, 54, 4457-4460.	4.1	330
155	Heterogeneous NiS/NiO multi-shelled hollow microspheres with enhanced electrochemical performances for hybrid-type asymmetric supercapacitors. Journal of Materials Chemistry A, 2018, 6, 9153-9160.	10.3	90
156	Hierarchically carbon-coated Na3V2(PO4)3 nanoflakes for high-rate capability and ultralong cycle-life sodium ion batteries. Chemical Engineering Journal, 2018, 339, 162-169.	12.7	67
157	Pilotaxitic Na1.1V3O7.9 nanoribbons/graphene as high-performance sodium ion battery and aqueous zinc ion battery cathode. Energy Storage Materials, 2018, 13, 168-174.	18.0	271
158	Nitrogen/sulfur co-doped hollow carbon nanofiber anode obtained from polypyrrole with enhanced electrochemical performance for Na-ion batteries. Science Bulletin, 2018, 63, 126-132.	9.0	26
159	Ni₂P₂O₇Nanoarrays with Decorated C₃N₄Nanosheets as Efficient Electrode for Supercapacitors. ACS Applied Energy Materials, 2018, 1, 2016-2023.	5.1	50
160	Topical Application of Keratinocyte Growth Factor Conjugated Gold Nanoparticles Accelerate Wound Healing. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1619-1628.	3.3	34
161	Rare Cobalt-Based Phosphate Nanoribbons with Unique 5-Coordination for Electrocatalytic Water Oxidation. ACS Energy Letters, 2018, 3, 1254-1260.	17.4	57
162	Self-templating synthesis of double-wall shelled vanadium oxide hollow microspheres for high-performance lithium ion batteries. Journal of Materials Chemistry A, 2018, 6, 6792-6799.	10.3	30

#	Article	IF	Citations
163	Metal-organic framework-derived porous shuttle-like vanadium oxides for sodium-ion battery application. Nano Research, 2018, 11, 449-463.	10.4	108
164	Nanoflake-assembled three-dimensional Na3V2(PO4)3/C cathode for high performance sodium ion batteries. Chemical Engineering Journal, 2018, 335, 301-308.	12.7	57
165	Twin-nanoplate assembled hierarchical Ni/MnO porous microspheres as advanced anode materials for lithium-ion batteries. Electrochimica Acta, 2018, 259, 419-426.	5.2	20
166	One-dimensional coaxial Sb and carbon fibers with enhanced electrochemical performance for sodium-ion batteries. Applied Surface Science, 2018, 428, 448-454.	6.1	37
167	N-doped one-dimensional carbonaceous backbones supported MoSe2 nanosheets as superior electrodes for energy storage and conversion. Chemical Engineering Journal, 2018, 334, 2190-2200.	12.7	88
168	Green and Facile Preparation of Carbonâ€Coated TiO₂ Nanosheets for Highâ€Performance Sodiumâ€Ion Batteries. Energy Technology, 2018, 6, 759-765.	3.8	5
169	Carbon-encapsulated MoSe2/C nanorods derived from organic-inorganic hybrid enabling superior lithium/sodium storageÂperformances. Electrochimica Acta, 2018, 292, 339-346.	5.2	40
170	Facile synthesis of Nb2O5/carbon nanocomposites as advanced anode materials for lithium-ion batteries. Electrochimica Acta, 2018, 292, 63-71.	5.2	77
171	Three-Dimensional Carbon-Coated Treelike Ni₃S₂ Superstructures on a Nickel Foam as Binder-Free Bifunctional Electrodes. ACS Applied Materials & Interfaces, 2018, 10, 36018-36027.	8.0	44
172	Serpentine Ni₃Ge₂O₅(OH)₄ Nanosheets with Tailored Layers and Size for Efficient Oxygen Evolution Reactions. Small, 2018, 14, e1803015.	10.0	24
173	Recent Advances in Aqueous Zinc-Ion Batteries. ACS Energy Letters, 2018, 3, 2480-2501.	17.4	1,553
174	S-doped porous carbon confined SnS nanospheres with enhanced electrochemical performance for sodium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 18286-18292.	10.3	67
175	Li⁺ intercalated V₂O₅Â·nH₂O with enlarged layer spacing and fast ion diffusion as an aqueous zinc-ion battery cathode. Energy and Environmental Science, 2018, 11, 3157-3162.	30.8	785
176	Cycling and Failing of Lithium Metal Anodes in Carbonate Electrolyte. Journal of Physical Chemistry C, 2018, 122, 21462-21467.	3.1	45
177	In situ formation of porous graphitic carbon wrapped MnO/Ni microsphere networks as binder-free anodes for high-performance lithium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 12316-12322.	10.3	23
178	Terbiumâ€Doped Layered Yttrium Hydroxide Nanocone: Controlled Synthesis, Structure Variations, Phase Conversion to Oxide/Oxysulfate Nanocone and Their Luminescence Properties. Particle and Particle Systems Characterization, 2018, 35, 1800075.	2.3	2
179	Controllable Fabrication of Rare-Earth-Doped Gd₂O₂SO₄@SiO₂ Double-Shell Hollow Spheres for Efficient Upconversion Luminescence and Magnetic Resonance Imaging. ACS Sustainable Chemistry and Engineering, 2018, 6, 10463-10471.	6.7	14
180	N-S co-doped C@SnS nanoflakes/graphene composite as advanced anode for sodium-ion batteries. Chemical Engineering Journal, 2018, 353, 606-614.	12.7	93

#	Article	IF	Citations
181	Sodiumâ€Ion Batteries: Observation of Pseudocapacitive Effect and Fast Ion Diffusion in Bimetallic Sulfides as an Advanced Sodiumâ€Ion Battery Anode (Adv. Energy Mater. 19/2018). Advanced Energy Materials, 2018, 8, 1870092.	19.5	9
182	Potassium vanadates with stable structure and fast ion diffusion channel as cathode for rechargeable aqueous zinc-ion batteries. Nano Energy, 2018, 51, 579-587.	16.0	425
183	Fabrication of Si Nanoparticles@Carbon Fibers Composites from Natural Nanoclay as an Advanced Lithium-Ion Battery Flexible Anode. Minerals (Basel, Switzerland), 2018, 8, 180.	2.0	11
184	Caging Na₃V₂(PO₄)₂F₃ Microcubes in Crossâ€Linked Graphene Enabling Ultrafast Sodium Storage and Longâ€Term Cycling. Advanced Science, 2018, 5, 1800680.	11.2	182
185	Encapsulation of CoS_x Nanocrystals into N/S Coâ€Doped Honeycombâ€Like 3D Porous Carbon for Highâ€Performance Lithium Storage. Advanced Science, 2018, 5, 1800829.	11.2	172
186	Electrospun Single Crystalline Fork-Like K2V8O21 as High-Performance Cathode Materials for Lithium-Ion Batteries. Frontiers in Chemistry, 2018, 6, 195.	3.6	34
187	Rational Design and Synthesis of Li₃V₂(PO₄)₃/C Nanocomposites As High-Performance Cathodes for Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2018, 6, 7250-7256.	6.7	25
188	Binder-Free Co₄N Nanoarray on Carbon Cloth as Flexible High-Performance Anode for Lithium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 4432-4439.	5.1	13
189	Mechanistic Insights of Zn²⁺ Storage in Sodium Vanadates. Advanced Energy Materials, 2018, 8, 1801819.	19.5	225
190	Observation of Pseudocapacitive Effect and Fast Ion Diffusion in Bimetallic Sulfides as an Advanced Sodiumâ€Ion Battery Anode. Advanced Energy Materials, 2018, 8, 1703155.	19.5	374
191	Nitrogen-Doped Yolkâ€“Shell-Structured CoSe/C Dodecahedra for High-Performance Sodium Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 3624-3633.	8.0	244
192	Self-templated synthesis of N-doped CoSe2/C double-shelled dodecahedra for high-performance supercapacitors. Energy Storage Materials, 2017, 8, 28-34.	18.0	107
193	Mesoporous silica nanoparticles as potential carriers for enhanced drug solubility of paclitaxel. Materials Science and Engineering C, 2017, 78, 12-17.	7.3	97
194	High-performance sodium-ion batteries and flexible sodium-ion capacitors based on Sb₂X₃(X = O, S)/carbon fiber cloth. Journal of Materials Chemistry A, 2017, 5, 9169-9176.	10.3	84
195	Large-Scale Preparation, Chemical Exfoliation, and Structural Modification of Layered Zinc Hydroxide Nanocones: Transformation into Zinc Oxide Nanocones for Enhanced Photocatalytic Properties. ACS Sustainable Chemistry and Engineering, 2017, 5, 5869-5879.	6.7	20
196	Graphene oxide templated nitrogen-doped carbon nanosheets with superior rate capability for sodium ion batteries. Carbon, 2017, 122, 82-91.	10.3	43
197	Morphological Evolution and Magnetic Property of Rareâ€Earthâ€Doped Hematite Nanoparticles: Promising Contrast Agents for T1â€Weighted Magnetic Resonance Imaging. Advanced Functional Materials, 2017, 27, 1606821.	14.9	34
198	Bismuth nanosheets grown on carbon fiber cloth as advanced binder-free anode for sodium-ion batteries. Electrochemistry Communications, 2017, 81, 10-13.	4.7	78

#	Article	IF	Citations
199	Controllable synthesis of highly uniform cuboid-shape MOFs and their derivatives for lithium-ion battery and photocatalysis applications. Chemical Engineering Journal, 2017, 322, 281-292.	12.7	59
200	Metalâ€“organic framework-templated two-dimensional hybrid bimetallic metal oxides with enhanced lithium/sodium storage capability. Journal of Materials Chemistry A, 2017, 5, 13983-13993.	10.3	150
201	Chemical Synthesis of 3D Grapheneâ€Like Cages for Sodiumâ€Ion Batteries Applications. Advanced Energy Materials, 2017, 7, 1700797.	19.5	113
202	TiO2 nanorods grown on carbon fiber cloth as binder-free electrode for sodium-ion batteries and flexible sodium-ion capacitors. Journal of Power Sources, 2017, 363, 284-290.	7.8	67
203	Rational design of multi-shelled CoO/Co₉S₈ hollow microspheres for high-performance hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 18448-18456.	10.3	91
204	Hydrothermal synthesis of coherent porous V2O3/carbon nanocomposites for high-performance lithium- and sodium-ion batteries. Science China Materials, 2017, 60, 717-727.	6.3	58
205	Amino-functionalized mesoporous silica nanoparticles as efficient carriers for anticancer drug delivery. Journal of Biomaterials Applications, 2017, 32, 524-532.	2.4	55
206	Rational synthesis of SnS2@C hollow microspheres with superior stability for lithium-ion batteries. Science China Materials, 2017, 60, 955-962.	6.3	11
207	Nitrogen doped hollow MoS 2 /C nanospheres as anode for long-life sodium-ion batteries. Chemical Engineering Journal, 2017, 327, 522-529.	12.7	101
208	Three-dimensional Zn3V3O8/carbon fiber cloth composites as binder-free anode for lithium-ion batteries. Electrochimica Acta, 2017, 246, 97-105.	5.2	28
209	Electrochemical performance of AlV3O9 nanoflowers for lithium ion batteries application. Journal of Alloys and Compounds, 2017, 723, 92-99.	5.5	17
210	Three-dimensional-network Fe₃O₄/Graphene/Carbon Nanotubes Composite with High Rate Cycling Capability as Anode Materials for Lithium-ion Batteries. Electrochemistry, 2017, 85, 397-402.	1.4	6
211	Acetate-induced controlled-synthesis of hematite polyhedra enclosed by high-activity facets for enhanced photocatalytic performance. RSC Advances, 2016, 6, 66879-66883.	3.6	12
212	Controllable Preparation of V2O5/Graphene Nanocomposites as Cathode Materials for Lithium-Ion Batteries. Nanoscale Research Letters, 2016, 11, 549.	5.7	17
213	Multi-shelled Î±-Fe2O3 microspheres for high-rate supercapacitors. Science China Materials, 2016, 59, 247-253.	6.3	25
214	Facile synthesis of sandwich-structured Li3V2(PO4)3/carbon composite as cathodes for high performance lithium-ion batteries. Journal of Alloys and Compounds, 2016, 683, 178-185.	5.5	21
215	MOFs nanosheets derived porous metal oxide-coated three-dimensional substrates for lithium-ion battery applications. Nano Energy, 2016, 26, 57-65.	16.0	224
216	Two-dimensional hybrid nanosheets of few layered MoSe₂ on reduced graphene oxide as anodes for long-cycle-life lithium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 15302-15308.	10.3	167

#	Article	IF	Citations
217	Nanorod-Nanoflake Interconnected LiMnPO₄Â·Li₃V₂(PO₄)₃/C Composite for High-Rate and Long-Life Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 27632-27641.	8.0	44
218	Effect of crystalline structure on the electrochemical properties of K0.25V2O5 nanobelt for fast Li insertion. Electrochimica Acta, 2016, 218, 199-207.	5.2	17
219	Na0.282V2O5: A high-performance cathode material for rechargeable lithium batteries and sodium batteries. Journal of Power Sources, 2016, 328, 241-249.	7.8	37
220	Novel synthesis of V2O5 hollow microspheres for lithium ion batteries. Science China Materials, 2016, 59, 567-573.	6.3	26
221	General synthesis of three-dimensional alkali metal vanadate aerogels with superior lithium storage properties. Journal of Materials Chemistry A, 2016, 4, 14408-14415.	10.3	33
222	Controllable fabrication of urchin-like Co₃O₄ hollow spheres for high-performance supercapacitors and lithium-ion batteries. Dalton Transactions, 2016, 45, 15155-15161.	3.3	43
223	Oxygen-Incorporated MoS₂ Nanosheets with Expanded Interlayers for Hydrogen Evolution Reaction and Pseudocapacitor Applications. ACS Applied Materials & Interfaces, 2016, 8, 33681-33689.	8.0	94
224	Carbon wrapped hierarchical Li3V2(PO4)3 microspheres for high performance lithium ion batteries. Scientific Reports, 2016, 6, 33682.	3.3	19
225	Nb2O5microstructures: a high-performance anode for lithium ion batteries. Nanotechnology, 2016, 27, 46LT01.	2.6	23
226	Nitrogen-doped TiO₂ nanospheres for advanced sodium-ion battery and sodium-ion capacitor applications. Journal of Materials Chemistry A, 2016, 4, 18278-18283.	10.3	135
227	Nb₂O₅ quantum dots embedded in MOF derived nitrogen-doped porous carbon for advanced hybrid supercapacitor applications. Journal of Materials Chemistry A, 2016, 4, 17838-17847.	10.3	107
228	Hydrothermal synthesis of sodium vanadate nanobelts as high-performance cathode materials for lithium batteries. Journal of Power Sources, 2016, 325, 383-390.	7.8	22
229	Template-free synthesis of highly porous V₂O₅ cuboids with enhanced performance for lithium ion batteries. Nanotechnology, 2016, 27, 305404.	2.6	8
230	Dodecahedron-Shaped Porous Vanadium Oxide and Carbon Composite for High-Rate Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 17303-17311.	8.0	43
231	Uniform 8LiFePO 4 Â·Li 3 V 2 (PO 4) 3 /C nanoflakes for high-performance Li-ion batteries. Nano Energy, 2016, 22, 48-58.	16.0	80
232	Influence of PVP on Solvothermal Synthesized Fe₃O₄/Graphene Composites as Anodes for Lithium-ion Batteries. Electrochemistry, 2015, 83, 619-623.	1.4	4
233	Template-free synthesis of Î²-Na_{0.33}V₂O₅microspheres as cathode materials for lithium-ion batteries. CrystEngComm, 2015, 17, 4774-4780.	2.6	16
234	Two-dimensional NiCo₂O₄nanosheet-coated three-dimensional graphene networks for high-rate, long-cycle-life supercapacitors. Nanoscale, 2015, 7, 7035-7039.	5.6	134

#	Article	IF	Citations
235	Ultrathin Li3VO4 nanoribbon/graphene sandwich-like nanostructures with ultrahigh lithium ion storage properties. Nano Energy, 2015, 12, 709-724.	16.0	164
236	Mesoporous NiCo2O4 nanoneedles grown on three dimensional graphene networks as binder-free electrode for high-performance lithium-ion batteries and supercapacitors. Electrochimica Acta, 2015, 176, 1-9.	5.2	110
237	Template-assisted formation of porous vanadium oxide as high performance cathode materials for lithium ion batteries. Journal of Power Sources, 2015, 295, 254-258.	7.8	25
238	Template-free synthesis of ultra-large V2O5 nanosheets with exceptional small thickness for high-performance lithium-ion batteries. Nano Energy, 2015, 13, 58-66.	16.0	135
239	Facile synthesis of potassium vanadate cathode material with superior cycling stability for lithium ion batteries. Journal of Power Sources, 2015, 275, 694-701.	7.8	55
240	Ultrafine MoO2 nanoparticles grown on graphene sheets as anode materials for lithium-ion batteries. Materials Letters, 2014, 127, 32-35.	2.6	45
241	Fabrication of <scp>M</scp>nâ€“<scp>C</scp>o Spinel Coatings on <scp>C</scp>rofer 22 <scp>APU</scp> Stainless Steel by Electrophoretic Deposition for Interconnect Applications in Solid Oxide Fuel Cells. International Journal of Applied Ceramic Technology, 2014, 11, 332-341.	2.1	44
242	The general synthesis of Ag nanoparticles anchored on silver vanadium oxides: towards high performance cathodes for lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 11029-11034.	10.3	33
243	High-performance anode based on porous Co3O4 nanodiscs. Journal of Power Sources, 2014, 255, 125-129.	7.8	67
244	Template-free synthesis of vanadium oxides nanobelt arrays as high-rate cathode materials for lithium ion batteries. Journal of Power Sources, 2014, 268, 700-705.	7.8	40
245	Reduced graphene oxide modified V2O3 with enhanced performance for lithium-ion battery. Materials Letters, 2014, 137, 174-177.	2.6	30
246	Facile synthesis of nanorod-assembled multi-shelled Co3O4 hollow microspheres for high-performance supercapacitors. Journal of Power Sources, 2014, 272, 107-112.	7.8	101
247	Facile synthesis of nanosheet-structured V2O5 with enhanced electrochemical performance for high energy lithium-ion batteries. Metals and Materials International, 2014, 20, 983-988.	3.4	20
248	Facile synthesis of multiwalled carbon nanotubeâ€“V2O5 nanocomposites as cathode materials for Li-ion batteries. Journal of Solid State Electrochemistry, 2014, 18, 2841-2846.	2.5	21
249	Synthesis of mesoporous Î²-Na0.33V2O5 with enhanced electrochemical performance for lithium ion batteries. Electrochimica Acta, 2014, 130, 119-126.	5.2	45
250	LiV3O8/Ag composite nanobelts with enhanced performance as cathode material for rechargeable lithium batteries. Journal of Alloys and Compounds, 2014, 583, 351-356.	5.5	17
251	Dendronized polyamides supports for Mo catalysts. Journal of Applied Polymer Science, 2013, 128, 642-646.	2.6	3
252	Ultrathin Na_{1.1}V₃O_{7.9} Nanobelts with Superior Performance as Cathode Materials for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2013, 5, 8704-8709.	8.0	43

#	Article	IF	Citations
253	Effect of pass deformation on microstructure, corrosion and electrochemical properties of aluminum alloy anodes for alkaline aluminum fuel cell applications. Metals and Materials International, 2013, 19, 555-561.	3.4	5
254	Controlled fabrication and optical properties of uniform CeO2 hollow spheres. RSC Advances, 2013, 3, 3544.	3.6	14
255	Hydrothermal synthesis of Ag/Î²-AgVO3 nanobelts with enhanced performance as a cathode material for lithium batteries. CrystEngComm, 2013, 15, 9869.	2.6	33
256	Templateâ€Free Synthesis of VO₂ Hollow Microspheres with Various Interiors and Their Conversion into V₂O₅ for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2013, 52, 2226-2230.	13.8	275
257	Templateâ€Free Synthesis of Hierarchical Vanadiumâ€Glycolate Hollow Microspheres and Their Conversion to V₂O₅ with Improved Lithium Storage Capability. Chemistry - A European Journal, 2013, 19, 494-500.	3.3	96
258	Facile synthesis of belt-like Ag1.2V3O8 with excellent stability for rechargeable lithium batteries. Journal of Power Sources, 2013, 233, 304-308.	7.8	13
259	Facile synthesis of multiwalled carbon nanotubeâ€“LiV3O8 nanocomposites as cathode materials for Li-ion batteries. Materials Letters, 2013, 93, 435-438.	2.6	10
260	Facile synthesis of Ag/AgVO3 hybrid nanorods with enhanced electrochemical performance as cathode material for lithium batteries. Journal of Power Sources, 2013, 228, 178-184.	7.8	41
261	PVP-assisted synthesis of MoS2 nanosheets with improved lithium storage properties. CrystEngComm, 2013, 15, 4998.	2.6	83
262	Templateâ€Assisted Formation of Rattleâ€type V₂O₅ Hollow Microspheres with Enhanced Lithium Storage Properties. Advanced Functional Materials, 2013, 23, 5669-5674.	14.9	154
263	Facile synthesis of Cu3V2O7(OH)2Â·2H2O as cathode for primary lithium batteries. Materials Letters, 2013, 99, 94-96.	2.6	4
264	Synthesis of Na1.25V3O8 Nanobelts with Excellent Long-Term Stability for Rechargeable Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2013, 5, 11913-11917.	8.0	25
265	Synthesis of Mo2N nanolayer coated MoO2 hollow nanostructures as high-performance anode materials for lithium-ion batteries. Energy and Environmental Science, 2013, 6, 2691.	30.8	246
266	Synthesis of Hierarchical Three-Dimensional Vanadium Oxide Microstructures as High-Capacity Cathode Materials for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2012, 4, 3874-3879.	8.0	157
267	Fabrication of nano-structured super-hydrophobic film on aluminum by controllable immersing method. Applied Surface Science, 2012, 258, 5933-5937.	6.1	91
268	Facile synthesis of Î²-AgVO3 nanorods as cathode for primary lithium batteries. Materials Letters, 2012, 74, 176-179.	2.6	22
269	Template free synthesis of LiV₃O₈nanorods as a cathode material for high-rate secondary lithium batteries. Journal of Materials Chemistry, 2011, 21, 1153-1161.	6.7	105
270	Nanosheet-structured LiV3O8 with high capacity and excellent stability for high energy lithium batteries. Journal of Materials Chemistry, 2011, 21, 10077.	6.7	112

#	Article	IF	Citations
271	Enhanced Lithium-Ion Intercalation Properties of V₂O₅ Xerogel Electrodes with Surface Defects. Journal of Physical Chemistry C, 2011, 115, 4959-4965.	3.1	96
272	Synthesis of Mesoporous Carbonâ€Bonded <scp>TiC/SiC</scp> Composites by Direct Carbothermal Reduction of Solâ€“Gel Derived Monolithic Precursor. Journal of the American Ceramic Society, 2011, 94, 4025-4031.	3.8	18
273	High-rate cathodes based on Li3V2(PO4)3 nanobelts prepared via surfactant-assisted fabrication. Journal of Power Sources, 2011, 196, 3646-3649.	7.8	100
274	Enhanced lithium-ion intercalation properties of coherent hydrous vanadium pentoxideâ€“carbon cryogel nanocomposites. Journal of Power Sources, 2010, 195, 3893-3899.	7.8	32
275	Nano-structured Li3V2(PO4)3/carbon composite for high-rate lithium-ion batteries. Electrochemistry Communications, 2010, 12, 1674-1677.	4.7	173
276	Facile synthesized nanorod structured vanadium pentoxide for high-rate lithium batteries. Journal of Materials Chemistry, 2010, 20, 9193.	6.7	316
277	Electrochemical Energy Storage Behavior of Na_{0.44}MnO₂ in Aqueous Zinc-Ion Battery. ACS Sustainable Chemistry and Engineering, 0, , .	6.7	11
278	Multichannel Ca²⁺ Generator for Synergistic Tumor Therapy via Intracellular Ca²⁺ Overload and Chemotherapy. Langmuir, 0, , .	3.5	1