An-Qiang Pan

List of Publications by Year in Descending Order

134 papers	8,804 citations	50 h-index	91 g-index
143 ext. papers	11,231 ext. citations	11.4 avg, IF	6.73 L-index

#	Paper	IF	Citations
134	Cathode Materials for Rechargeable Aqueous Zn Batteries **2022**,		0
133	Architecture design principles for stable electrodeposition behavior-towards better alkali metal (Li/Na/K) anodes. *Energy Storage Materials*, **2022**, 45, 48-73	19.4	6
132	Building Ultra-Stable and Low-Polarization Composite Zn Anode Interface via Hydrated Polyzwitterionic Electrolyte Construction.. *Nano-Micro Letters*, **2022**, 14, 93	19.5	3
131	Conductivity gradient modulator induced highly reversible Li anodes in carbonate electrolytes for high-voltage lithium-metal batteries. *Energy Storage Materials*, **2022**, 47, 482-490	19.4	4
130	Organic-Inorganic Hybrid Cathode with Dual Energy Storage Mechanism for Ultra-High-Rate and Ultra-Long-Life Aqueous Zinc-Ion Batteries. *Advanced Materials*, **2021**, e2105452	24	24
129	Ion migration and defect effect of electrode materials in multivalent-ion batteries. *Progress in Materials Science*, **2021**, 125, 100911	42.2	11
128	Agitation drying synthesis of porous carbon supported Li3VO4 as advanced anode material for lithium-ion batteries. *Rare Metals*, **2021**, 40, 3466-3476	5.5	0
127	Unusual Formation of CoS0.61Se0.25 Anion Solid Solution with Sulfur Defects to Promote Electrocatalytic Water Reduction. *ACS Applied Energy Materials*, **2021**, 4, 2976-2982	6.1	6
126	Surface-Preferred Crystal Plane for a Stable and Reversible Zinc Anode. *Advanced Materials*, **2021**, 33, e2100187	24	121
125	Layered Barium Vanadate Cathodes for Aqueous Zinc Batteries: Enhancing Cycling Stability through Inhibition of Vanadium Dissolution. *ACS Applied Energy Materials*, **2021**, 4, 6197-6204	6.1	6
124	3D printing for rechargeable lithium metal batteries. *Energy Storage Materials*, **2021**, 38, 141-156	19.4	15
123	Incorporation of LiF into functionalized polymer fiber networks enabling high capacity and high rate cycling of lithium metal composite anodes. *Chemical Engineering Journal*, **2021**, 404, 126508	14.7	11
122	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	49
121	In-situ Copper Doping with ZnO/ZnS Heterostructures to Promote Interfacial Photocatalysis of Microsized Particles. *ChemCatChem*, **2021**, 13, 564-573	5.2	7
120	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	7.1	7
119	Liquid Alloy Interlayer for Aqueous Zinc-Ion Battery. *ACS Energy Letters*, **2021**, 6, 675-683	20.1	47
118	Cowpea-like N-Doped Silicon Oxycarbide/Carbon Nanofibers as Anodes for High-Performance Lithium-Ion Batteries. *ACS Applied Energy Materials*, **2021**, 4, 1677-1686	6.1	3

117	Anti-Corrosive and Zn-Ion-Regulating Composite Interlayer Enabling Long-Life Zn Metal Anodes. *Advanced Functional Materials*, **2021**, 31, 2104361	15.6	38
116	Increasing Accessible Subsurface to Improving Rate Capability and Cycling Stability of Sodium-Ion Batteries. *Advanced Materials*, **2021**, 33, e2100808	24	24
115	In Situ Defect Induction in Close-Packed Lattice Plane for the Efficient Zinc Ion Storage. *Small*, **2021**, 17, e2101944	11	7
114	Liquid Alloying Na-K for Sodium Metal Anodes. *Journal of Physical Chemistry Letters*, **2021**, 12, 9321-9327	6.4	2
113	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	6.8	3
112	Bimetallic organic framework derivation of three-dimensional and heterogeneous metal selenides/carbon composites as advanced anodes for lithium-ion batteries. *Nanoscale*, **2020**, 12, 12623-12631	7.7	17
111	Electrochemical Activation of Manganese-Based Cathode in Aqueous Zinc-Ion Electrolyte. *Advanced Functional Materials*, **2020**, 30, 2002711	15.6	68
110	A pH-responsive dissociable mesoporous silica-based nanoplatform enabling efficient dual-drug co-delivery and rapid clearance for cancer therapy. *Biomaterials Science*, **2020**, 8, 3418-3429	7.4	16
109	Controllable Ag Migration To Form One-Dimensional Ag/Ag2S@ZnS for Bifunctional Catalysis. *ACS Applied Energy Materials*, **2020**, 3, 6146-6154	6.1	10
108	Rational design of the pea-pod structure of SiOx/C nanofibers as a high-performance anode for lithium ion batteries. *Inorganic Chemistry Frontiers*, **2020**, 7, 1762-1769	6.8	11
107	Enlarged interlayer spacing and enhanced capacitive behavior of a carbon anode for superior potassium storage. *Science Bulletin*, **2020**, 65, 2014-2021	10.6	25
106	A one-pot synthesis of hetero-Co9S8/NiS sheets on graphene to boost lithium–sulfur battery performance. *Inorganic Chemistry Frontiers*, **2020**, 7, 2160-2167	6.8	4
105	Sulfur-Doped Carbon-Wrapped Heterogeneous Fe3O4/Fe7S8/C Nanoplates as Stable Anode for Lithium-Ion Batteries. *Batteries and Supercaps*, **2020**, 3, 308-308	5.6	2
104	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	6.8	13
103	Sulfur-Doped Carbon-Wrapped Heterogeneous Fe3O4/Fe7S8/C Nanoplates as Stable Anode for Lithium-Ion Batteries. *Batteries and Supercaps*, **2020**, 3, 344-353	5.6	17
102	Fundamentals and perspectives in developing zinc-ion battery electrolytes: a comprehensive review. *Energy and Environmental Science*, **2020**, 13, 4625-4665	35.4	176
101	Carbon quantum dot modified Na3V2(PO4)2F3 as a high-performance cathode material for sodium-ion batteries. *Journal of Materials Chemistry A*, **2020**, 8, 18872-18879	13	25
100	Interlayer Doping in Layered Vanadium Oxides for Low-cost Energy Storage: Sodium-ion Batteries and Aqueous Zinc-ion Batteries. *ChemNanoMat*, **2020**, 6, 1553-1566	3.5	25

99	Tuning crystal structure and redox potential of NASICON-type cathodes for sodium-ion batteries. *Nano Research*, **2020**, 13, 3330-3337	10	22
98	Tuning Interface Bridging Between MoSe and Three-Dimensional Carbon Framework by Incorporation of MoC Intermediate to Boost Lithium Storage Capability. *Nano-Micro Letters*, **2020**, 12, 171	19.5	15
97	A Facile Carbon Quantum Dot-Modified Reduction Approach Towards Tunable Sb@CQDs Nanoparticles for High Performance Sodium Storage. *Batteries and Supercaps*, **2020**, 3, 463-469	5.6	15
96	Simultaneous Cationic and Anionic Redox Reactions Mechanism Enabling High-Rate Long-Life Aqueous Zinc-Ion Battery. *Advanced Functional Materials*, **2019**, 29, 1905267	15.6	93
95	Fabrication of an Inexpensive Hydrophilic Bridge on a Carbon Substrate and Loading Vanadium Sulfides for Flexible Aqueous Zinc-Ion Batteries. *ACS Applied Materials & Interfaces*, **2019**, 11, 36676-36684	9.5	30
94	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	13	164
93	Necklace-like Si@C nanofibers as robust anode materials for high performance lithium ion batteries. *Science Bulletin*, **2019**, 64, 261-269	10.6	45
92	A Confined Replacement Synthesis of Bismuth Nanodots in MOF Derived Carbon Arrays as Binder-Free Anodes for Sodium-Ion Batteries. *Advanced Science*, **2019**, 6, 1900162	13.6	58
91	A new strategy to prepare Ge/GeO2-reduced graphene oxide microcubes for high-performance lithium-ion batteries. *Electrochimica Acta*, **2019**, 318, 314-321	6.7	18
90	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	14.7	50
89	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	13	16
88	Transition metal ion-preintercalated V2O5 as high-performance aqueous zinc-ion battery cathode with broad temperature adaptability. *Nano Energy*, **2019**, 61, 617-625	17.1	205
87	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	16.7	247
86	Nanoflake-constructed porous Na3V2(PO4)3/C hierarchical microspheres as a bicontinuous cathode for sodium-ion batteries applications. *Nano Energy*, **2019**, 60, 312-323	17.1	97
85	In situ formation of Ni3S2/Cu1.8S nanosheets to promote hybrid supercapacitor performance. *Journal of Materials Chemistry A*, **2019**, 7, 11044-11052	13	48
84	Vertically oriented Sn3O4 nanoflakes directly grown on carbon fiber cloth for high-performance lithium storage. *Inorganic Chemistry Frontiers*, **2019**, 6, 1468-1474	6.8	8
83	Suppressing Manganese Dissolution in Potassium Manganate with Rich Oxygen Defects Engaged High-Energy-Density and Durable Aqueous Zinc-Ion Battery. *Advanced Functional Materials*, **2019**, 29, 1808375	15.6	345
82	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	19.4	78

81	Bimetallic phosphides embedded in hierarchical P-doped carbon for sodium ion battery and hydrogen evolution reaction applications. *Science China Materials*, **2019**, 62, 1857-1867	7.1	15
80	Binding MoSe2 with dual protection carbon for high-performance sodium storage. *Journal of Materials Chemistry A*, **2019**, 7, 22871-22878	13	43
79	Na-Ion Batteries: A Confined Replacement Synthesis of Bismuth Nanodots in MOF Derived Carbon Arrays as Binder-Free Anodes for Sodium-Ion Batteries (Adv. Sci. 16/2019). *Advanced Science*, **2019**, 6, 1970098	13.6	3
78	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	13	209
77	Hierarchical mesoporous MoSe2@CoSe/N-doped carbon nanocomposite for sodium ion batteries and hydrogen evolution reaction applications. *Energy Storage Materials*, **2019**, 21, 97-106	19.4	73
76	Facile fabrication of interconnected-mesoporous T-Nb2O5 nanofibers as anodes for lithium-ion batteries. *Science China Materials*, **2019**, 62, 465-473	7.1	23
75	Uniform MnCoO Porous Dumbbells for Lithium-Ion Batteries and Oxygen Evolution Reactions. *ACS Applied Materials & Interfaces*, **2018**, 10, 8730-8738	9.5	54
74	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	13	76
73	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	14.7	46
72	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	19.4	203
71	Ni2P2O7 Nanoarrays with Decorated C3N4 Nanosheets as Efficient Electrode for Supercapacitors. *ACS Applied Energy Materials*, **2018**, 1, 2016-2023	6.1	26
70	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	13	26
69	Metal-organic framework-derived porous shuttle-like vanadium oxides for sodium-ion battery application. *Nano Research*, **2018**, 11, 449-463	10	85
68	Nanoflake-assembled three-dimensional Na3V2(PO4)3/C cathode for high performance sodium ion batteries. *Chemical Engineering Journal*, **2018**, 335, 301-308	14.7	38
67	Twin-nanoplate assembled hierarchical Ni/MnO porous microspheres as advanced anode materials for lithium-ion batteries. *Electrochimica Acta*, **2018**, 259, 419-426	6.7	17
66	One-dimensional coaxial Sb and carbon fibers with enhanced electrochemical performance for sodium-ion batteries. *Applied Surface Science*, **2018**, 428, 448-454	6.7	30
65	N-S co-doped C@SnS nanoflakes/graphene composite as advanced anode for sodium-ion batteries. *Chemical Engineering Journal*, **2018**, 353, 606-614	14.7	72
64	Sodium-Ion Batteries: Observation of Pseudocapacitive Effect and Fast Ion Diffusion in Bimetallic Sulfides as an Advanced Sodium-Ion Battery Anode (Adv. Energy Mater. 19/2018). *Advanced Energy Materials*, **2018**, 8, 1870092	21.8	5

63	Fabrication of Si Nanoparticles@Carbon Fibers Composites from Natural Nanoclay as an Advanced Lithium-Ion Battery Flexible Anode. *Minerals (Basel, Switzerland)*, **2018**, 8, 180	2.4	7
62	Caging NaV(PO)F Microcubes in Cross-Linked Graphene Enabling Ultrafast Sodium Storage and Long-Term Cycling. *Advanced Science*, **2018**, 5, 1800680	13.6	125
61	Encapsulation of CoS Nanocrystals into N/S Co-Doped Honeycomb-Like 3D Porous Carbon for High-Performance Lithium Storage. *Advanced Science*, **2018**, 5, 1800829	13.6	121
60	Electrospun Single Crystalline Fork-Like KVO as High-Performance Cathode Materials for Lithium-Ion Batteries. *Frontiers in Chemistry*, **2018**, 6, 195	5	18
59	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	8.3	17
58	Observation of Pseudocapacitive Effect and Fast Ion Diffusion in Bimetallic Sulfides as an Advanced Sodium-Ion Battery Anode. *Advanced Energy Materials*, **2018**, 8, 1703155	21.8	284
57	N-doped one-dimensional carbonaceous backbones supported MoSe2 nanosheets as superior electrodes for energy storage and conversion. *Chemical Engineering Journal*, **2018**, 334, 2190-2200	14.7	66
56	Green and Facile Preparation of Carbon-Coated TiO2 Nanosheets for High-Performance Sodium-Ion Batteries. *Energy Technology*, **2018**, 6, 759-765	3.5	5
55	Carbon-encapsulated MoSe2/C nanorods derived from organic-inorganic hybrid enabling superior lithium/sodium storage performances. *Electrochimica Acta*, **2018**, 292, 339-346	6.7	33
54	Facile synthesis of Nb2O5/carbon nanocomposites as advanced anode materials for lithium-ion batteries. *Electrochimica Acta*, **2018**, 292, 63-71	6.7	50
53	Three-Dimensional Carbon-Coated Treelike NiS Superstructures on a Nickel Foam as Binder-Free Bifunctional Electrodes. *ACS Applied Materials & Interfaces*, **2018**, 10, 36018-36027	9.5	34
52	Serpentine Ni Ge O (OH) Nanosheets with Tailored Layers and Size for Efficient Oxygen Evolution Reactions. *Small*, **2018**, 14, e1803015	11	15
51	Recent Advances in Aqueous Zinc-Ion Batteries. *ACS Energy Letters*, **2018**, 3, 2480-2501	20.1	959
50	S-doped porous carbon confined SnS nanospheres with enhanced electrochemical performance for sodium-ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 18286-18292	13	51
49	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	13	20
48	Nitrogen-Doped Yolk-Shell-Structured CoSe/C Dodecahedra for High-Performance Sodium Ion Batteries. *ACS Applied Materials & Interfaces*, **2017**, 9, 3624-3633	9.5	197
47	Self-templated synthesis of N-doped CoSe2/C double-shelled dodecahedra for high-performance supercapacitors. *Energy Storage Materials*, **2017**, 8, 28-34	19.4	77
46	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	13	72

45	Graphene oxide templated nitrogen-doped carbon nanosheets with superior rate capability for sodium ion batteries. *Carbon*, **2017**, 122, 82-91	10.4	35
44	Bismuth nanosheets grown on carbon fiber cloth as advanced binder-free anode for sodium-ion batteries. *Electrochemistry Communications*, **2017**, 81, 10-13	5.1	55
43	Metal□rganic framework-templated two-dimensional hybrid bimetallic metal oxides with enhanced lithium/sodium storage capability. *Journal of Materials Chemistry A*, **2017**, 5, 13983-13993	13	117
42	Chemical Synthesis of 3D Graphene-Like Cages for Sodium-Ion Batteries Applications. *Advanced Energy Materials*, **2017**, 7, 1700797	21.8	91
41	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	8.9	50
40	Rational design of multi-shelled CoO/Co9S8 hollow microspheres for high-performance hybrid supercapacitors. *Journal of Materials Chemistry A*, **2017**, 5, 18448-18456	13	78
39	Hydrothermal synthesis of coherent porous V2O3/carbon nanocomposites for high-performance lithium- and sodium-ion batteries. *Science China Materials*, **2017**, 60, 717-727	7.1	47
38	Rational synthesis of SnS2@C hollow microspheres with superior stability for lithium-ion batteries. *Science China Materials*, **2017**, 60, 955-962	7.1	9
37	Novel synthesis of V2O5 hollow microspheres for lithium ion batteries. *Science China Materials*, **2016**, 59, 567-573	7.1	23
36	General synthesis of three-dimensional alkali metal vanadate aerogels with superior lithium storage properties. *Journal of Materials Chemistry A*, **2016**, 4, 14408-14415	13	24
35	Controllable fabrication of urchin-like CoO hollow spheres for high-performance supercapacitors and lithium-ion batteries. *Dalton Transactions*, **2016**, 45, 15155-15161	4.3	37
34	Oxygen-Incorporated MoS Nanosheets with Expanded Interlayers for Hydrogen Evolution Reaction and Pseudocapacitor Applications. *ACS Applied Materials & Interfaces*, **2016**, 8, 33681-33689	9.5	80
33	Carbon wrapped hierarchical Li3V2(PO4)3 microspheres for high performance lithium ion batteries. *Scientific Reports*, **2016**, 6, 33682	4.9	18
32	Nitrogen-doped TiO2 nanospheres for advanced sodium-ion battery and sodium-ion capacitor applications. *Journal of Materials Chemistry A*, **2016**, 4, 18278-18283	13	111
31	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	13	83
30	Dodecahedron-Shaped Porous Vanadium Oxide and Carbon Composite for High-Rate Lithium Ion Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 17303-11	9.5	35
29	Uniform 8LiFePO 4 □Li 3 V 2 (PO 4) 3 /C nanoflakes for high-performance Li-ion batteries. *Nano Energy*, **2016**, 22, 48-58	17.1	69
28	Controllable Preparation of VO/Graphene Nanocomposites as Cathode Materials for Lithium-Ion Batteries. *Nanoscale Research Letters*, **2016**, 11, 549	5	13

27	Multi-shelled Fe2O3 microspheres for high-rate supercapacitors. *Science China Materials*, **2016**, 59, 247-253	7.1	22
26	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	5.7	20
25	MOFs nanosheets derived porous metal oxide-coated three-dimensional substrates for lithium-ion battery applications. *Nano Energy*, **2016**, 26, 57-65	17.1	187
24	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	13	139
23	Polypyrrole-Modified NH4NiPO4H2O Nanoplate Arrays on Ni Foam for Efficient Electrode in Electrochemical Capacitors. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 5578-5584	8.3	33
22	Nanorod-Nanoflake Interconnected LiMnPOLiV(PO)/C Composite for High-Rate and Long-Life Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 27632-27641	9.5	38
21	Template-assisted formation of porous vanadium oxide as high performance cathode materials for lithium ion batteries. *Journal of Power Sources*, **2015**, 295, 254-258	8.9	21
20	Template-free synthesis of ultra-large V2O5 nanosheets with exceptional small thickness for high-performance lithium-ion batteries. *Nano Energy*, **2015**, 13, 58-66	17.1	119
19	Template-free synthesis of Na0.33V2O5 microspheres as cathode materials for lithium-ion batteries. *CrystEngComm*, **2015**, 17, 4774-4780	3.3	15
18	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	13	27
17	High-performance anode based on porous Co3O4 nanodiscs. *Journal of Power Sources*, **2014**, 255, 125-129	8.9	55
16	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	8.9	34
15	Reduced graphene oxide modified V2O3 with enhanced performance for lithium-ion battery. *Materials Letters*, **2014**, 137, 174-177	3.3	26
14	Facile synthesis of nanorod-assembled multi-shelled Co3O4 hollow microspheres for high-performance supercapacitors. *Journal of Power Sources*, **2014**, 272, 107-112	8.9	94
13	Facile synthesis of nanosheet-structured V2O5 with enhanced electrochemical performance for high energy lithium-ion batteries. *Metals and Materials International*, **2014**, 20, 983-988	2.4	19
12	Ultrathin Na1.1V3O7.9 nanobelts with superior performance as cathode materials for lithium-ion batteries. *ACS Applied Materials & Interfaces*, **2013**, 5, 8704-9	9.5	40
11	Template-free synthesis of VO2 hollow microspheres with various interiors and their conversion into V2O5 for lithium-ion batteries. *Angewandte Chemie - International Edition*, **2013**, 52, 2226-30	16.4	244
10	PVP-assisted synthesis of MoS2 nanosheets with improved lithium storage properties. *CrystEngComm*, **2013**, 15, 4998	3.3	70

9	Template-Assisted Formation of Rattle-type V2O5 Hollow Microspheres with Enhanced Lithium Storage Properties. *Advanced Functional Materials*, **2013**, 23, 5669-5674	15.6	140
8	Synthesis of hierarchical three-dimensional vanadium oxide microstructures as high-capacity cathode materials for lithium-ion batteries. *ACS Applied Materials & Interfaces*, **2012**, 4, 3874-9	9.5	139
7	High-rate cathodes based on Li3V2(PO4)3 nanobelts prepared via surfactant-assisted fabrication. *Journal of Power Sources*, **2011**, 196, 3646-3649	8.9	95
6	Template free synthesis of LiV3O8 nanorods as a cathode material for high-rate secondary lithium batteries. *Journal of Materials Chemistry*, **2011**, 21, 1153-1161		94
5	Nanosheet-structured LiV3O8 with high capacity and excellent stability for high energy lithium batteries. *Journal of Materials Chemistry*, **2011**, 21, 10077		108
4	Facile synthesized nanorod structured vanadium pentoxide for high-rate lithium batteries. *Journal of Materials Chemistry*, **2010**, 20, 9193		293
3	Nano-structured Li3V2(PO4)3/carbon composite for high-rate lithium-ion batteries. *Electrochemistry Communications*, **2010**, 12, 1674-1677	5.1	165
2	Enriching surface oxygen vacancies of spinel Co3O4 to boost H2O adsorption for HER in alkaline media. *Materials Advances*,	3.3	2
1	Stable Zinc Metal Anodes with Textured Crystal Faces and Functional Zinc Compound Coatings. *Advanced Functional Materials*,2106114	15.6	27