Xianhong Rui

List of Publications by Year in Descending Order

145 papers	11,901 citations	62 h-index	108 g-index
156 ext. papers	13,574 ext. citations	10.9 avg, IF	6.65 L-index

#	Paper	IF	Citations
145	Artificial Heterogeneous Interphase Layer with Boosted Ion Affinity and Diffusion for Na/K Metal Batteries.. *Advanced Materials*, **2022**, e2109439	24	11
144	A High-Efficiency Mo C Electrocatalyst Promoting the Polysulfide Redox Kinetics for Na-S Batteries.. *Advanced Materials*, **2022**, e2200479	24	12
143	Structure Engineering of Vanadium Tetrasulfides for High-Capacity and High-Rate Sodium Storage.. *Small*, **2022**, e2107058	11	3
142	Open-Ended Ni S -Co S Heterostructures Nanocage Anode with Enhanced Reaction Kinetics for Superior Potassium Ion Batteries.. *Advanced Materials*, **2022**, e2201420	24	4
141	NASICON Electrodes: A Low-Temperature Sodium-Ion Full Battery: Superb Kinetics and Cycling Stability (Adv. Funct. Mater. 11/2021). *Advanced Functional Materials*, **2021**, 31, 2170070	15.6	
140	Mechanical analysis of flexible integrated energy storage devices under bending by the finite element method. *Science China Materials*, **2021**, 64, 2182-2192	7.1	5
139	Fast and Reversible Na Intercalation in Nsutite-Type VO2 Hierarchitectures. *Advanced Materials Interfaces*, **2021**, 8, 2100191	4.6	2
138	Ultrafast Potassium Storage in F-Induced Ultra-High Edge-Defective Carbon Nanosheets. *ACS Nano*, **2021**, 15, 10217-10227	16.7	27
137	Mesoporous carbon nanosheet-assembled flowers towards superior potassium storage. *Chinese Chemical Letters*, **2021**, 32, 1161-1164	8.1	11
136	Gallium-based anodes for alkali metal ion batteries. *Journal of Energy Chemistry*, **2021**, 55, 557-571	12	6
135	Carbon-based materials for all-solid-state zinc□air batteries **2021**, 3, 50-65		19
134	Vanadate-based electrodes for rechargeable batteries. *Materials Chemistry Frontiers*, **2021**, 5, 1585-1609	7.8	5
133	A Low-Temperature Sodium-Ion Full Battery: Superb Kinetics and Cycling Stability. *Advanced Functional Materials*, **2021**, 31, 2009458	15.6	32
132	Superior potassium and zinc storage in K-doped VO2(B) spheres. *Materials Chemistry Frontiers*, **2021**, 5, 3132-3138	7.8	3
131	VS4/carbon nanotube hybrid: A high-rate anode for sodium-ion battery. *Journal of Power Sources*, **2021**, 501, 230021	8.9	10
130	Advances in metal phosphides for sodium-ion batteries. *SusMat*, **2021**, 1, 359-392		28
129	A review of advanced separators for rechargeable batteries. *Journal of Power Sources*, **2021**, 509, 230372	8.9	14

128	Synergetic enhancement of sodium storage in gallium-based heterostructures. *Nano Energy*, **2021**, 89, 106395	17.1	6
127	Red Phosphorous-Derived Protective Layers with High Ionic Conductivity and Mechanical Strength on Dendrite-Free Sodium and Potassium Metal Anodes. *Advanced Energy Materials*, **2021**, 11, 2003381	21.8	37
126	An Efficient Strategy toward Multichambered Carbon Nanoboxes with Multiple Spatial Confinement for Advanced Sodium-Sulfur Batteries.. *ACS Nano*, **2021**, 15, 20607-20618	16.7	5
125	Advances in K-Q (Q = S, Se and Se S) batteries. *Materials Today*, **2020**, 39, 9-22	21.8	13
124	The Synergetic Effect of Lithium Bisoxalatodifluorophosphate and Fluoroethylene Carbonate on Dendrite Suppression for Fast Charging Lithium Metal Batteries. *Small*, **2020**, 16, e2001989	11	15
123	A High-Capacity Ammonium Vanadate Cathode for Zinc-Ion Battery. *Nano-Micro Letters*, **2020**, 12, 67	19.5	48
122	Development and challenge of advanced nonaqueous sodium ion batteries. *EnergyChem*, **2020**, 2, 100031	16.9	18
121	A Long-Cycling Aqueous Zinc-Ion Pouch Cell: NASICON-Type Material and Surface Modification. *Chemistry - an Asian Journal*, **2020**, 15, 1430-1435	4.5	7
120	Multiscale optimization of Li-ion diffusion in solid lithium metal batteries via ion conductive metal-organic frameworks. *Nanoscale*, **2020**, 12, 6976-6982	7.7	17
119	Hybrid Cathodes Composed of K3V2(PO4)3 and Carbon Materials with Boosted Charge Transfer for K-Ion Batteries. *Surfaces*, **2020**, 3, 1-10	2.9	4
118	A High-Temperature Na-Ion Battery: Boosting the Rate Capability and Cycle Life by Structure Engineering. *Small*, **2020**, 16, e1906669	11	21
117	Enhanced low-temperature sodium storage kinetics in a NaTi2(PO4)3@C nanocomposite. *Journal of Power Sources*, **2020**, 477, 228735	8.9	8
116	Free-Standing Hydrated Sodium Vanadate Papers for High-Stability Zinc-Ion Batteries. *Batteries and Supercaps*, **2020**, 3, 254-260	5.6	15
115	Two-Dimensional Germanium Sulfide Nanosheets as an Ultra-Stable and High Capacity Anode for Lithium Ion Batteries. *Chemistry - A European Journal*, **2020**, 26, 6554-6560	4.8	7
114	Metal Chalcogenides: Metal Chalcogenides: Paving the Way for High-Performance Sodium/Potassium-Ion Batteries (Small Methods 1/2020). *Small Methods*, **2020**, 4, 2070002	12.8	1
113	Topotactic Transformation Synthesis of 2D Ultrathin GeS Nanosheets toward High-Rate and High-Energy-Density Sodium-Ion Half/Full Batteries. *ACS Nano*, **2020**, 14, 531-540	16.7	41
112	Rational design of vanadium chalcogenides for sodium-ion batteries. *Journal of Power Sources*, **2020**, 478, 228769	8.9	9
111	Pathways towards high energy aqueous rechargeable batteries. *Coordination Chemistry Reviews*, **2020**, 424, 213521	23.2	26

110	Architecting a Stable High-Energy Aqueous Al-Ion Battery. *Journal of the American Chemical Society*, **2020**, 142, 15295-15304	16.4	94
109	Vanadium-Based Materials: Next Generation Electrodes Powering the Battery Revolution?. *Accounts of Chemical Research*, **2020**, 53, 1660-1671	24.3	50
108	VOPO4?2H2O: Large-Scale Synthesis and Zinc-Ion Storage Application. *Frontiers in Energy Research*, **2020**, 8,	3.8	5
107	VOPO4?2H2O Nanosheet Cathode for Enhanced Sodium Storage. *Frontiers in Energy Research*, **2020**, 8,	3.8	5
106	3D porous V2O5 architectures for high-rate lithium storage. *Journal of Energy Chemistry*, **2020**, 40, 15-21	12	27
105	Metal Chalcogenides: Paving the Way for High-Performance Sodium/Potassium-Ion Batteries. *Small Methods*, **2020**, 4, 1900563	12.8	97
104	Superior wide-temperature lithium storage in a porous cobalt vanadate. *Nano Research*, **2020**, 13, 1867-1874	10	13
103	Ultrafast flame growth of carbon nanotubes for high-rate sodium storage. *Journal of Power Sources* , **2019**, 439, 227072	8.9	18
102	Advanced cathodes for potassium-ion battery. *Current Opinion in Electrochemistry*, **2019**, 18, 24-30	7.2	28
101	NaV(PO): an advanced cathode for sodium-ion batteries. *Nanoscale*, **2019**, 11, 2556-2576	7.7	130
100	Oxyvanite V3O5: A new intercalation-type anode for lithium-ion battery. *Information Materials*, **2019** , 1, 251	23.1	87
99	Electrode Materials for Rechargeable Zinc-Ion and Zinc-Air Batteries: Current Status and Future Perspectives. *Electrochemical Energy Reviews*, **2019**, 2, 395-427	29.3	69
98	Hierarchically porous nanosheets-constructed 3D carbon network for ultrahigh-capacity supercapacitor and battery anode. *Nanotechnology*, **2019**, 30, 214002	3.4	9
97	Persistent zinc-ion storage in mass-produced V2O5 architectures. *Nano Energy*, **2019**, 60, 171-178	17.1	98
96	Peering into Alloy Anodes for Sodium-Ion Batteries: Current Trends, Challenges, and Opportunities. *Advanced Functional Materials*, **2019**, 29, 1808745	15.6	133
95	Embracing high performance potassium-ion batteries with phosphorus-based electrodes: a review. *Nanoscale*, **2019**, 11, 15402-15417	7.7	41
94	Pristine graphene for advanced electrochemical energy applications. *Journal of Power Sources*, **2019**, 437, 226899	8.9	20
93	Phosphorus-Doping-Induced Surface Vacancies of 3D Na Ti O Nanowire Arrays Enabling High-Rate and Long-Life Sodium Storage. *Chemistry - A European Journal*, **2019**, 25, 14881-14889	4.8	11

92	Zinc ions pillared vanadate cathodes by chemical pre-intercalation towards long cycling life and low-temperature zinc ion batteries. *Journal of Power Sources*, **2019**, 441, 227192	8.9	62
91	Double-Layer N,S-Codoped Carbon Protection of MnS Nanoparticles Enabling Ultralong-Life and High-Rate Lithium Ion Storage. *ACS Applied Energy Materials*, **2018**, 1, 4867-4873	6.1	12
90	Ni1.5CoSe5 nanocubes embedded in 3D dual N-doped carbon network as advanced anode material in sodium-ion full cells with superior low-temperature and high-power properties. *Journal of Materials Chemistry A*, **2018**, 6, 22966-22975	13	70
89	Nanostructured Li V (PO) Cathodes. *Small*, **2018**, 14, e1800567	11	65
88	Lithium-Ion Batteries: Nanostructured Li3V2(PO4)3 Cathodes (Small 21/2018). *Small*, **2018**, 14, 1870095	11	3
87	Integrated Charge Transfer in Li3V2(PO4)3/C for High-Power Li-Ion Batteries. *International Journal of Electrochemical Science*, **2017**, 9925-9932	2.2	5
86	Component-Customizable Porous Rare-Earth-Based Colloidal Spheres towards Highly Effective Catalysts and Bioimaging Applications. *Chemistry - A European Journal*, **2017**, 23, 16242-16248	4.8	3
85	Ultrafine Nb2O5 Nanocrystal Coating on Reduced Graphene Oxide as Anode Material for High Performance Sodium Ion Battery. *ACS Applied Materials & Interfaces*, **2016**, 8, 22213-9	9.5	85
84	Conductive Inks Based on a Lithium Titanate Nanotube Gel for High-Rate Lithium-Ion Batteries with Customized Configuration. *Advanced Materials*, **2016**, 28, 1567-76	24	154
83	Novel Conjugated Ladder-Structured Oligomer Anode with High Lithium Storage and Long Cycling Capability. *ACS Applied Materials & Interfaces*, **2016**, 8, 16932-8	9.5	46
82	Biochemistry-derived porous carbon-encapsulated metal oxide nanocrystals for enhanced sodium storage. *Nano Energy*, **2016**, 21, 71-79	17.1	41
81	Bismuth sulfide: A high-capacity anode for sodium-ion batteries. *Journal of Power Sources*, **2016**, 309, 135-140	8.9	97
80	Ambient dissolution□ecrystallization towards large-scale preparation of V 2 O 5 nanobelts for high-energy battery applications. *Nano Energy*, **2016**, 22, 583-593	17.1	82
79	Wet-Chemical Processing of Phosphorus Composite Nanosheets for High-Rate and High-Capacity Lithium-Ion Batteries. *Advanced Energy Materials*, **2016**, 6, 1502409	21.8	173
78	Recent advances in nanostructured Nb-based oxides for electrochemical energy storage. *Nanoscale* , **2016**, 8, 8443-65	7.7	145
77	MOF-directed templating synthesis of a porous multicomponent dodecahedron with hollow interiors for enhanced lithium-ion battery anodes. *Journal of Materials Chemistry A*, **2015**, 3, 8483-8488	13	155
76	Vanadium-based nanostructure materials for secondary lithium battery applications. *Nanoscale*, **2015**, 7, 14595-607	7.7	82
75	Few-layered Ni(OH)2 nanosheets for high-performance supercapacitors. *Journal of Power Sources*, **2015**, 295, 323-328	8.9	146

74	Biochemistry-Enabled 3D Foams for Ultrafast Battery Cathodes. *ACS Nano*, **2015**, 9, 4628-35	16.7	98
73	One-Pot Synthesis of Tunable Crystalline Ni3 S4 @Amorphous MoS2 Core/Shell Nanospheres for High-Performance Supercapacitors. *Small*, **2015**, 11, 3694-702	11	218
72	Pushing Up Lithium Storage through Nanostructured Polyazaacene Analogues as Anode. *Angewandte Chemie - International Edition*, **2015**, 54, 7354-8	16.4	181
71	In-situ formation of hollow hybrids composed of cobalt sulfides embedded within porous carbon polyhedra/carbon nanotubes for high-performance lithium-ion batteries. *Advanced Materials*, **2015**, 27, 3038-44	24	534
70	An Advanced Sodium-Ion Battery Composed of Carbon Coated $Na_3V_2(PO_4)_3$ in a Porous Graphene Network. *Advanced Materials*, **2015**, 27, 6670-6	24	363
69	Two-Dimensional Tin Disulfide Nanosheets for Enhanced Sodium Storage. *ACS Nano*, **2015**, 9, 11371-81	16.7	231
68	Liquid-phase epitaxial growth of two-dimensional semiconductor hetero-nanostructures. *Angewandte Chemie - International Edition*, **2015**, 54, 1841-5	16.4	79
67	Ultrathin nickel oxide nanosheets for enhanced sodium and lithium storage. *Journal of Power Sources*, **2015**, 274, 755-761	8.9	104
66	Energy Storage: One-Pot Synthesis of Tunable Crystalline Ni3S4@Amorphous MoS2 Core/Shell Nanospheres for High-Performance Supercapacitors (Small 30/2015). *Small*, **2015**, 11, 3720-3720	11	3
65	Pushing Up Lithium Storage through Nanostructured Polyazaacene Analogues as Anode. *Angewandte Chemie*, **2015**, 127, 7462-7466	3.6	38
64	Reduced graphene oxide-wrapped MoO3 composites prepared by using metal-organic frameworks as precursor for all-solid-state flexible supercapacitors. *Advanced Materials*, **2015**, 27, 4695-701	24	326
63	Vanadium Pentoxide-Based Cathode Materials for Lithium-Ion Batteries: Morphology Control, Carbon Hybridization, and Cation Doping. *Particle and Particle Systems Characterization*, **2015**, 32, 276-294	3.1	50
62	Liquid-Phase Epitaxial Growth of Two-Dimensional Semiconductor Hetero-nanostructures. *Angewandte Chemie*, **2015**, 127, 1861-1865	3.6	22
61	Nanostructured Conjugated Ladder Polymers for Stable and Fast Lithium Storage Anodes with High-Capacity. *Advanced Energy Materials*, **2015**, 5, 1402189	21.8	203
60	Aqueous-based chemical route toward ambient preparation of multicomponent core-shell nanotubes. *ACS Nano*, **2014**, 8, 4004-14	16.7	36
59	Li3V2(PO4)3 cathode materials for lithium-ion batteries: A review. *Journal of Power Sources*, **2014**, 258, 19-38	8.9	241
58	Solvothermal synthesis of pyrite FeS2 nanocubes and their superior high rate lithium storage properties. *RSC Advances*, **2014**, 4, 48770-48776	3.7	40
57	Integrated Charge Transfer in Colloidal Cu$_2$O/MnO Heterostructures for High-Performance Lithium Ion Batteries. *Journal of Physical Chemistry C*, **2014**, 118, 17452-17460	3.8	12

56	Platinum and palladium nanotubes based on genetically engineered elastin-mimetic fusion protein-fiber templates: synthesis and application in lithium-O batteries. *Chemistry - an Asian Journal*, **2014**, 9, 2555-9	4.5	7
55	Synthesis of two-dimensional transition-metal phosphates with highly ordered mesoporous structures for lithium-ion battery applications. *Angewandte Chemie - International Edition*, **2014**, 53, 9352-5	16.4	113
54	Nanostructured metal sulfides for energy storage. *Nanoscale*, **2014**, 6, 9889-924	7.7	746
53	Synthesis of Two-Dimensional Transition-Metal Phosphates with Highly Ordered Mesoporous Structures for Lithium-Ion Battery Applications. *Angewandte Chemie*, **2014**, 126, 9506-9509	3.6	24
52	Metal oxide-coated three-dimensional graphene prepared by the use of metal-organic frameworks as precursors. *Angewandte Chemie - International Edition*, **2014**, 53, 1404-9	16.4	255
51	Hierarchically porous three-dimensional electrodes of CoMoO and ZnCo O and their high anode performance for lithium ion batteries. *Nanoscale*, **2014**, 6, 10556-61	7.7	72
50	Zeolitic imidazolate framework 67-derived high symmetric porous Co O hollow dodecahedra with highly enhanced lithium storage capability. *Small*, **2014**, 10, 1932-8	11	403
49	Metal Oxide-Coated Three-Dimensional Graphene Prepared by the Use of Metal Organic Frameworks as Precursors. *Angewandte Chemie*, **2014**, 126, 1428-1433	3.6	83
48	Growth of Si nanowires in porous carbon with enhanced cycling stability for Li-ion storage. *Journal of Power Sources*, **2014**, 250, 160-165	8.9	17
47	Functionalized single-walled carbon nanotubes with enhanced electrocatalytic activity for . *Carbon*, **2013**, 64, 464-471	10.4	34
46	Synthesis of cobalt phosphides and their application as anodes for lithium ion batteries. *ACS Applied Materials & Interfaces*, **2013**, 5, 1093-9	9.5	154
45	Amorphous Iron Oxyhydroxide Nanosheets: Synthesis, Li Storage, and Conversion Reaction Kinetics. *Journal of Physical Chemistry C*, **2013**, 117, 17462-17469	3.8	24
44	High-performance supercapacitor electrodes based on graphene achieved by thermal treatment with the aid of nitric acid. *ACS Applied Materials & Interfaces*, **2013**, 5, 9656-62	9.5	78
43	Fe3O4 nanoparticle chains with N-doped carbon coating: magnetotactic bacteria assisted synthesis and high-rate lithium storage. *RSC Advances*, **2013**, 3, 14960	3.7	16
42	Rapid fabrication of a novel Sn e alloy: structure property relationship and its enhanced lithium storage properties. *Journal of Materials Chemistry A*, **2013**, 1, 14577	13	42
41	Template-free synthesis of urchin-like Co3O4 hollow spheres with good lithium storage properties. *Journal of Power Sources*, **2013**, 222, 97-102	8.9	116
40	Vanadium pentoxide cathode materials for high-performance lithium-ion batteries enabled by a hierarchical nanoflower structure via an electrochemical process. *Journal of Materials Chemistry A*, **2013**, 1, 82-88	13	126
39	A facile, relative green, and inexpensive synthetic approach toward large-scale production of SnS nanoplates for high-performance lithium-ion batteries. *Nanoscale*, **2013**, 5, 1456-9	7.7	158

38	Ultrathin V2O5 nanosheet cathodes: realizing ultrafast reversible lithium storage. *Nanoscale*, **2013**, 5, 556-60	7.7	207
37	Facile preparation of ordered porous graphene-metal oxide@C binder-free electrodes with high Li storage performance. *Small*, **2013**, 9, 3390-7	11	61
36	Controlled Synthesis of Manganese Oxyhydroxide Nanotubes: Implications for High-Efficiency Supercapacitors. *ChemPlusChem*, **2013**, 78, 554-560	2.8	10
35	Preparation of MoS2-coated three-dimensional graphene networks for high-performance anode material in lithium-ion batteries. *Small*, **2013**, 9, 3433-8	11	511
34	Oriented molecular attachments through sol-gel chemistry for synthesis of ultrathin hydrated vanadium pentoxide nanosheets and their applications. *Small*, **2013**, 9, 716-21	11	57
33	Synthesis of Single-Crystalline LiMn2O4 and LiMn1.5Ni0.5O4 Nanocrystals and Their Lithium Storage Properties. *ChemPlusChem*, **2013**, 78, 218-221	2.8	12
32	Olivine-type nanosheets for lithium ion battery cathodes. *ACS Nano*, **2013**, 7, 5637-46	16.7	193
31	Cu doped V2O5 flowers as cathode material for high-performance lithium ion batteries. *Nanoscale*, **2013**, 5, 4937-43	7.7	138
30	Cooperative enhancement of capacities in nanostructured SnSb/carbon nanotube network nanocomposite as anode for lithium ion batteries. *Journal of Power Sources*, **2012**, 201, 288-293	8.9	37
29	Germanium nanowires-based carbon composite as anodes for lithium-ion batteries. *Journal of Power Sources*, **2012**, 206, 253-258	8.9	95
28	Design of Nanostructured Hybrid Materials Based on Carbon and Metal Oxides for Li Ion Batteries. *Journal of Physical Chemistry C*, **2012**, 116, 26685-26693	3.8	73
27	Oxidation-etching preparation of MnO2 tubular nanostructures for high-performance supercapacitors. *ACS Applied Materials & Interfaces*, **2012**, 4, 2769-74	9.5	129
26	Direct growth of FeVO4 nanosheet arrays on stainless steel foil as high-performance binder-free Li ion battery anode. *RSC Advances*, **2012**, 2, 3630	3.7	80
25	One-pot synthesis of carbon-coated VO2(B) nanobelts for high-rate lithium storage. *RSC Advances*, **2012**, 2, 1174-1180	3.7	73
24	Li3V2(PO4)3 nanocrystals embedded in a nanoporous carbon matrix supported on reduced graphene oxide sheets: Binder-free and high rate cathode material for lithium-ion batteries. *Journal of Power Sources*, **2012**, 214, 171-177	8.9	106
23	Controlled soft-template synthesis of ultrathin C@FeS nanosheets with high-Li-storage performance. *ACS Nano*, **2012**, 6, 4713-21	16.7	269
22	Synthesis of hexagonal-symmetry ⊟ron oxyhydroxide crystals using reduced graphene oxide as a surfactant and their Li storage properties. *CrystEngComm*, **2012**, 14, 147-153	3.3	46
21	Graphene oxide nanosheets/polymer binders as superior electrocatalytic materials for vanadium bromide redox flow batteries. *Electrochimica Acta*, **2012**, 85, 175-181	6.7	30

20	A facile approach toward transition metal oxide hierarchical structures and their lithium storage properties. *Nanoscale*, **2012**, 4, 3718-24	7.7	53
19	Controlled synthesis of carbon-coated cobalt sulfide nanostructures in oil phase with enhanced li storage performances. *ACS Applied Materials & Interfaces*, **2012**, 4, 2999-3006	9.5	125
18	Palladium nanoparticles supported on manganese oxide□CNT composites for solvent-free aerobic oxidation of alcohols: Tuning the properties of Pd active sites using MnOx. *Applied Catalysis B: Environmental*, **2012**, 119-120, 166-174	21.8	48
17	Facile preparation of hydrated vanadium pentoxide nanobelts based bulky paper as flexible binder-free cathodes for high-performance lithium ion batteries. *RSC Advances*, **2011**, 1, 117	3.7	75
16	Reduced graphene oxide supported highly porous V2O5 spheres as a high-power cathode material for lithium ion batteries. *Nanoscale*, **2011**, 3, 4752-8	7.7	143
15	Li3V2(PO4)3/C composite as an intercalation-type anode material for lithium-ion batteries. *Journal of Power Sources*, **2011**, 196, 2279-2282	8.9	74
14	A comparative study on the low-temperature performance of LiFePO4/C and Li3V2(PO4)3/C cathodes for lithium-ion batteries. *Journal of Power Sources*, **2011**, 196, 2109-2114	8.9	172
13	V2O3 modified LiFePO4/C composite with improved electrochemical performance. *Journal of Power Sources*, **2011**, 196, 5623-5630	8.9	82
12	Determination of the chemical diffusion coefficient of Li+ in intercalation-type Li3V2(PO4)3 anode material. *Solid State Ionics*, **2011**, 187, 58-63	3.3	127
11	Analysis of the chemical diffusion coefficient of lithium ions in Li3V2(PO4)3 cathode material. *Electrochimica Acta*, **2010**, 55, 2384-2390	6.7	468
10	The Li3V2(PO4)3/C composites with high-rate capability prepared by a maltose-based sol□gel route. *Electrochimica Acta*, **2010**, 55, 6761-6767	6.7	86
9	Synthesis and characterization of carbon-coated Li3V2(PO4)3 cathode materials with different carbon sources. *Electrochimica Acta*, **2009**, 54, 3374-3380	6.7	180
8	Vanadium-based metal-organic frameworks and their derivatives for electrochemical energy conversion and storage. *SmartMat*,	22.8	6
7	Engineering of Crosslinked Network and Functional Interlayer to Boost Cathode Performance of Tannin for Potassium Metal Batteries. *Advanced Functional Materials*,2200178	15.6	0
6	A copper tetrathiovanadate anode for ultra-stable potassium-ion storage. *Materials Chemistry Frontiers*,	7.8	2
5	Structural Engineering in Graphite-Based Metal-Ion Batteries. *Advanced Functional Materials*,2107277	15.6	8
4	Homogeneous Na Deposition Enabling High-Energy Na-Metal Batteries. *Advanced Functional Materials*,2110280	15.6	6
3	Achieving superior high-temperature sodium storage performance in a layered potassium vanadate. *Science China Materials*,1	7.1	3

2	Self-Assembled VS4 Hierarchitectures with Enhanced Capacity and Stability for Sodium Storage. *Energy and Environmental Materials*,	13	9
1	Regulating the Electrolyte Solvation Structure Enables Ultralong Lifespan Vanadium-Based Cathodes with Excellent Low-Temperature Performance. *Advanced Functional Materials*,2111714	15.6	6