Mingdeng Wei

List of Publications by Citations

163	6,060	43	70
papers	citations	h-index	g-index
175	7,282	7.9	6.39
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
163	Metal□rganic frameworks: a new promising class of materials for a high performance supercapacitor electrode. *Journal of Materials Chemistry A*, **2014**, 2, 16640-16644	13	384
162	Zn-doped Ni-MOF material with a high supercapacitive performance. *Journal of Materials Chemistry A*, **2014**, 2, 19005-19010	13	300
161	Layered H2Ti6O13-Nanowires: A New Promising Pseudocapacitive Material in Non-Aqueous Electrolyte. *Advanced Functional Materials*, **2012**, 22, 5185-5193	15.6	201
160	Layered Structural Co-Based MOF with Conductive Network Frames as a New Supercapacitor Electrode. *Chemistry - A European Journal*, **2017**, 23, 631-636	4.8	183
159	Biological impact of lead from halide perovskites reveals the risk of introducing a safe threshold. *Nature Communications*, **2020**, 11, 310	17.4	172
158	Rational Design and General Synthesis of S-Doped Hard Carbon with Tunable Doping Sites toward Excellent Na-Ion Storage Performance. *Advanced Materials*, **2018**, 30, e1802035	24	151
157	Metal□rganic frameworks: promising materials for improving the open circuit voltage of dye-sensitized solar cells. *Journal of Materials Chemistry*, **2011**, 21, 17259		145
156	Additive-free synthesis of unique TiO2 mesocrystals with enhanced lithium-ion intercalation properties. *Energy and Environmental Science*, **2012**, 5, 5408-5413	35.4	139
155	MoO2-ordered mesoporous carbon nanocomposite as an anode material for lithium-ion batteries. *ACS Applied Materials & Interfaces*, **2013**, 5, 2182-7	9.5	130
154	Valence Engineering via Selective Atomic Substitution on Tetrahedral Sites in Spinel Oxide for Highly Enhanced Oxygen Evolution Catalysis. *Journal of the American Chemical Society*, **2019**, 141, 8136-8145	16.4	120
153	Ordered mesoporous TiO2□ nanocomposite as an anode material for long-term performance lithium-ion batteries. *Journal of Materials Chemistry A*, **2013**, 1, 4293	13	105
152	Complex spinel titanate nanowires for a high rate lithium-ion battery. *Energy and Environmental Science*, **2011**, 4, 1886	35.4	105
151	Rational design of few-layer MoSe confined within ZnSe-C hollow porous spheres for high-performance lithium-ion and sodium-ion batteries. *Nanoscale*, **2019**, 11, 6766-6775	7.7	92
150	Self-assembled nanoporous rutile TiO2 mesocrystals with tunable morphologies for high rate lithium-ion batteries. *Nano Energy*, **2012**, 1, 466-471	17.1	90
149	Hierarchical cerium oxide derived from metal-organic frameworks for high performance supercapacitor electrodes. *Electrochimica Acta*, **2016**, 222, 773-780	6.7	85
148	In situ synthesis of GeO2/reduced graphene oxide composite on Ni foam substrate as a binder-free anode for high-capacity lithium-ion batteries. *Journal of Materials Chemistry A*, **2015**, 3, 1619-1623	13	80
147	Composites of V2O3□rdered mesoporous carbon as anode materials for lithium-ion batteries. *Carbon*, **2013**, 62, 382-388	10.4	79

146	Ge/GeO2-Ordered Mesoporous Carbon Nanocomposite for Rechargeable Lithium-Ion Batteries with a Long-Term Cycling Performance. *ACS Applied Materials & Interfaces*, **2016**, 8, 232-9	9.5	78
145	Metal-organic frameworks at interfaces of hybrid perovskite solar cells for enhanced photovoltaic properties. *Chemical Communications*, **2018**, 54, 1253-1256	5.8	77
144	Layered titanate nanostructures and their derivatives as negative electrode materials for lithium-ion batteries. *Journal of Materials Chemistry A*, **2013**, 1, 4403	13	76
143	Hierarchical MoS2@RGO nanosheets for high performance sodium storage. *Journal of Power Sources*, **2016**, 331, 50-57	8.9	75
142	Facile synthesis of rutile TiO2 mesocrystals with enhanced sodium storage properties. *Journal of Materials Chemistry A*, **2015**, 3, 17412-17416	13	72
141	Hierarchically porous TiO2 microspheres as a high performance anode for lithium-ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 1102-1106	13	70
140	A CMK-5-encapsulated MoSe2 composite for rechargeable lithium-ion batteries with improved electrochemical performance. *Journal of Materials Chemistry A*, **2017**, 5, 19632-19638	13	68
139	ZnV2O4□CMK nanocomposite as an anode material for rechargeable lithium-ion batteries. *Journal of Materials Chemistry*, **2012**, 22, 14284		62
138	Iso-Oriented Anatase TiO2 Mesocages as a High Performance Anode Material for Sodium-Ion Storage. *Scientific Reports*, **2015**, 5, 11960	4.9	61
137	Graphene quantum dots decorated TiO2 mesoporous film as an efficient electron transport layer for high-performance perovskite solar cells. *Journal of Power Sources*, **2018**, 402, 320-326	8.9	61
136	Sensitive electrochemical microbial biosensor for p-nitrophenylorganophosphates based on electrode modified with cell surface-displayed organophosphorus hydrolase and ordered mesopore carbons. *Biosensors and Bioelectronics*, **2014**, 60, 137-42	11.8	56
135	Green synthesis of a Se/HPCF□GO composite for Li□Se batteries with excellent long-term cycling performance. *Journal of Materials Chemistry A*, **2017**, 5, 22997-23005	13	55
134	Metal□Organic Framework Derived Hierarchical Porous Anatase TiO2 as a Photoanode for Dye-Sensitized Solar Cell. *Crystal Growth and Design*, **2016**, 16, 121-125	3.5	55
133	Hierarchical spheres constructed by ultrathin VS2 nanosheets for sodium-ion batteries. *Journal of Materials Chemistry A*, **2019**, 7, 3691-3696	13	53
132	Metal□rganic frameworks: Promising materials for enhancing electrochemical properties of nanostructured Zn2SnO4 anode in Li-ion batteries. *CrystEngComm*, **2012**, 14, 2112	3.3	53
131	Preparation of a Si/SiO -Ordered-Mesoporous-Carbon Nanocomposite as an Anode for High-Performance Lithium-Ion and Sodium-Ion Batteries. *Chemistry - A European Journal*, **2018**, 24, 4841-4848	4.8	53
130	Co9S8 embedded into N/S doped carbon composites: in situ derivation from a sulfonate-based metal□rganic framework and its electrochemical properties. *Journal of Materials Chemistry A*, **2019**, 7, 10331-10337	13	50
129	Metal-organic frameworks at interfaces in dye-sensitized solar cells. *ChemSusChem*, **2014**, 7, 2469-72	8.3	50

128	An Sn doped 1T-2H MoS few-layer structure embedded in N/P co-doped bio-carbon for high performance sodium-ion batteries. *Chemical Communications*, **2019**, 55, 3614-3617	5.8	50
127	Hierarchical TiO imbedded with graphene quantum dots for high-performance lithium storage. *Chemical Communications*, **2018**, 54, 1413-1416	5.8	49
126	A one-step synthesis of porous VO@C hollow spheres as a high-performance anode for lithium-ion batteries. *Chemical Communications*, **2018**, 54, 7346-7349	5.8	47
125	Synthesis of Mesoporous Co-Doped TiO Nanodisks Derived from Metal Organic Frameworks with Improved Sodium Storage Performance. *ACS Applied Materials & Interfaces*, **2017**, 9, 32071-32079	9.5	46
124	SPINEL Li2MTi3O8(M = Mg, Mg0.5Zn0.5) NANOWIRES WITH ENHANCED ELECTROCHEMICAL LITHIUM STORAGE. *Functional Materials Letters*, **2011**, 04, 65-69	1.2	46
123	An in situ formed Se/CMK-3 composite for rechargeable lithium-ion batteries with long-term cycling performance. *Journal of Materials Chemistry A*, **2016**, 4, 13646-13651	13	46
122	Synthesis of hierarchical ZnV2O4 microspheres and its electrochemical properties. *CrystEngComm*, **2014**, 16, 10309-10313	3.3	45
121	Rutile TiO2 mesocrystals/reduced graphene oxide with high-rate and long-term performance for lithium-ion batteries. *Scientific Reports*, **2015**, 5, 8498	4.9	43
120	In situ fabrication of ultrathin few-layered WSe anchored on N, P dual-doped carbon by bioreactor for half/full sodium/potassium-ion batteries with ultralong cycling lifespan. *Journal of Colloid and Interface Science*, **2020**, 574, 217-228	9.3	42
119	Facile Synthesis of Ultra-Small Few-Layer Nanostructured MoSe Embedded on N, P Co-Doped Bio-Carbon for High-Performance Half/Full Sodium-Ion and Potassium-Ion Batteries. *Chemistry - A European Journal*, **2019**, 25, 13411-13421	4.8	42
118	An ultra-small few-layer MoS-hierarchical porous carbon fiber composite obtained via nanocasting synthesis for sodium-ion battery anodes with excellent long-term cycling performance. *Dalton Transactions*, **2019**, 48, 4149-4156	4.3	41
117	A new promising Ni-MOF superstructure for high-performance supercapacitors. *Chemical Communications*, **2020**, 56, 1803-1806	5.8	41
116	Carbon coated anatase TiO 2 mesocrystals enabling ultrastable and robust sodium storage. *Journal of Power Sources*, **2017**, 359, 64-70	8.9	40
115	Hierarchical Cobalt-Based Metal-Organic Framework for High-Performance Lithium-Ion Batteries. *Chemistry - A European Journal*, **2018**, 24, 13362-13367	4.8	40
114	Facile synthesis of V6O13 micro-flowers for Li-ion and Na-ion battery cathodes with good cycling performance. *Journal of Colloid and Interface Science*, **2014**, 425, 1-4	9.3	40
113	In Situ Synthesis of WSe2/CMK-5 Nanocomposite for Rechargeable Lithium-Ion Batteries with a Long-Term Cycling Stability. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 4688-4694	8.3	37
112	Ultrasensitive electrochemical sensor for p-nitrophenyl organophosphates based on ordered mesoporous carbons at low potential without deoxygenization. *Analytica Chimica Acta*, **2014**, 822, 23-9	6.6	37
111	Ultrathin TiO2-B nanowires with enhanced electrochemical performance for Li-ion batteries. *Journal of Materials Chemistry A*, **2015**, 3, 10038-10044	13	35

110	Metal platinum-wrapped mesoporous carbon for sensitive electrochemical immunosensing based on cyclodextrin functionalized graphene nanosheets. *Electrochimica Acta*, **2012**, 68, 158-165	6.7	35
109	In situ simultaneous encapsulation of defective MoS2 nanolayers and sulfur nanodots into SPAN fibers for high rate sodium-ion batteries. *Chemical Engineering Journal*, **2021**, 404, 126430	14.7	35
108	Electrospun VSe/CNF composite with excellent performance for alkali metal ion batteries. *Nanoscale*, **2019**, 11, 16308-16316	7.7	34
107	Facile synthesis of hierarchical MnO2 sub-microspheres composed of nanosheets and their application for supercapacitors. *RSC Advances*, **2014**, 4, 40753-40757	3.7	33
106	Nb-Doped Rutile TiO Mesocrystals with Enhanced Lithium Storage Properties for Lithium Ion Battery. *Chemistry - A European Journal*, **2017**, 23, 5059-5065	4.8	32
105	Facile synthesis of ammonium vanadium oxide nanorods for Na-ion battery cathodes. *Journal of Colloid and Interface Science*, **2014**, 428, 73-7	9.3	32
104	Co-construction of sulfur vacancies and carbon confinement in VS/CNFs to induce an ultra-stable performance for half/full sodium-ion and potassium-ion batteries. *Nanoscale*, **2021**, 13, 5033-5044	7.7	31
103	Rutile TiO Mesocrystals as Sulfur Host for High-Performance Lithium-Sulfur Batteries. *Chemistry - A European Journal*, **2017**, 23, 16312-16318	4.8	30
102	Hierarchical Composite of Rose-Like VS @S/N-Doped Carbon with Expanded (001) Planes for Superior Li-Ion Storage. *Small*, **2019**, 15, e1903904	11	30
101	Hierarchically porous anatase TiO2 microspheres composed of tiny octahedra with enhanced electrochemical properties in lithium-ion batteries. *Journal of Materials Chemistry A*, **2014**, 2, 20133-20138	13	29
100	Synthesis and characterization of nanosheet-shaped titanium dioxide. *Journal of Materials Science*, **2007**, 42, 529-533	4.3	29
99	Facile synthesis of hierarchical lychee-like ZnVO@C/rGO nanospheres as high-performance anodes for lithium ion batteries. *Journal of Colloid and Interface Science*, **2019**, 533, 627-635	9.3	29
98	Brookite TiO mesocrystals with enhanced lithium-ion intercalation properties. *Chemical Communications*, **2018**, 54, 11491-11494	5.8	29
97	Sulfur-Doped Anatase TiO2 as an Anode for High-Performance Sodium-Ion Batteries. *ACS Applied Energy Materials*, **2019**, 2, 3791-3797	6.1	28
96	TiO2-B nanowires via topological conversion with enhanced lithium-ion intercalation properties. *Journal of Materials Chemistry A*, **2019**, 7, 3842-3847	13	27
95	Hollow SiO2 microspheres coated with nitrogen doped carbon layer as an anode for high performance lithium-ion batteries. *Electrochimica Acta*, **2019**, 306, 106-112	6.7	27
94	MoS hollow spheres in ether-based electrolyte for high performance sodium ion battery. *Journal of Colloid and Interface Science*, **2019**, 548, 20-24	9.3	27
93	A multi-functional gum arabic binder for NiFe2O4 nanotube anodes enabling excellent Li/Na-ion storage performance. *Journal of Materials Chemistry A*, **2017**, 5, 18138-18147	13	27

92	Two-dimensional MoN@N-doped carbon hollow spheres as an anode material for high performance lithium-ion battery. *Electrochimica Acta*, **2019**, 295, 246-252	6.7	27
91	Facile preparation of a V2O3/carbon fiber composite and its application for long-term performance lithium-ion batteries. *New Journal of Chemistry*, **2017**, 41, 5380-5386	3.6	26
90	Rational Design of Hierarchical SnS2 Microspheres with S Vacancy for Enhanced Sodium Storage Performance. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 9519-9525	8.3	26
89	Facile Deposition of Nb2O5 Thin Film as an Electron-Transporting Layer for Highly Efficient Perovskite Solar Cells. *ACS Applied Nano Materials*, **2018**, 1, 4101-4109	5.6	26
88	Reversible conversion reaction of GeO2 boosts lithium-ion storage via Fe doping. *Journal of Materials Chemistry A*, **2019**, 7, 4574-4580	13	25
87	ULTRATHIN Li4Ti5O12 NANOSHEETS AS A HIGH PERFORMANCE ANODE FOR Li-ION BATTERY. *Functional Materials Letters*, **2011**, 04, 389-393	1.2	25
86	Rapid and facile synthesis of hierarchically mesoporous TiO2B with enhanced reversible capacity and rate capability. *Journal of Materials Chemistry A*, **2018**, 6, 1196-1200	13	25
85	Highly Efficient Perovskite Solar Cells Based on a ZnSnO Compact Layer. *ACS Applied Materials & Interfaces*, **2019**, 11, 36553-36559	9.5	24
84	Template-free synthesis of metallic WS hollow microspheres as an anode for the sodium-ion battery. *Journal of Colloid and Interface Science*, **2019**, 557, 722-728	9.3	24
83	One-step hydrothermal synthesis of Nb doped brookite TiO2 nanosheets with enhanced lithium-ion intercalation properties. *Journal of Materials Chemistry A*, **2015**, 3, 18882-18888	13	24
82	Ethanol thermal reduction synthesis of hierarchical MoO2 hollow spheres with high rate performance for lithium ion batteries. *RSC Advances*, **2016**, 6, 105558-105564	3.7	24
81	Efficient Dye-Sensitized Solar Cells Composed of Nanostructural ZnO Doped with Ti. *Catalysts*, **2019**, 9, 273	4	23
80	Efficiency enhanced dye-sensitized Zn2SnO4 solar cells using a facile chemical-bath deposition method. *New Journal of Chemistry*, **2014**, 38, 4465	3.6	23
79	Nanocomposite of Mo2N Quantum 3@Nitrogen-Doped Carbon as a High-Performance Anode for Lithium-Ion Batteries. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 10198-10206	8.3	22
78	High-Performance Lithium-Ion-Based Dual-Ion Batteries Enabled by Few-Layer MoSe2/Nitrogen-Doped Carbon. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 5514-5523	8.3	22
77	V3Se4 embedded within N/P co-doped carbon fibers for sodium/potassium ion batteries. *Chemical Engineering Journal*, **2021**, 419, 129607	14.7	22
76	Preparation of Ge/N, S co-doped ordered mesoporous carbon composite and its long-term cycling performance of lithium-ion batteries. *Electrochimica Acta*, **2019**, 318, 737-745	6.7	21
75	Hierarchical TiO2-B composed of nanosheets with exposed {010} facets as a high-performance anode for lithium ion batteries. *Journal of Power Sources*, **2018**, 392, 226-231	8.9	21

74	TiO2-B as an electron transporting material for highly efficient perovskite solar cells. *Journal of Power Sources*, **2019**, 415, 8-14	8.9	20
73	Flexible dye-sensitized ZnO quantum dots solar cells. *RSC Advances*, **2012**, 2, 9565	3.7	20
72	Fabrication of Zn2SnO4 microspheres with controllable shell numbers for highly efficient dye-sensitized solar cells. *Solar Energy*, **2019**, 181, 424-429	6.8	20
71	Hierarchical LiZnVO4@C nanostructures with enhanced cycling stability for lithium-ion batteries. *Dalton Transactions*, **2015**, 44, 7967-72	4.3	19
70	Facile synthesis of Li2MnO3 nanowires for lithium-ion battery cathodes. *New Journal of Chemistry*, **2014**, 38, 584-587	3.6	19
69	Realization of ultra-long columnar single crystals in TiO2 nanotube arrays as fast electron transport channels for high efficiency dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2019**, 7, 11520-11529	13	18
68	Synthesis of TiO2 nanoparticles with tunable dominant exposed facets (010), (001) and (106). *CrystEngComm*, **2013**, 15, 3040	3.3	18
67	An inorganic stable Sn-based perovskite film with regulated nucleation for solar cell application. *Journal of Materials Chemistry C*, **2020**, 8, 8840-8845	7.1	18
66	Facile fabrication of a vanadium nitride/carbon fiber composite for half/full sodium-ion and potassium-ion batteries with long-term cycling performance. *Nanoscale*, **2020**, 12, 10693-10702	7.7	18
65	Selective Synthesis of Rutile, Anatase, and Brookite Nanorods by a Hydrothermal Route. *Current Nanoscience*, **2010**, 6, 479-482	1.4	17
64	In situ synthesis of MnO on Ni foam/graphene substrate as a newly self-supported electrode for high supercapacitive performance. *Journal of Colloid and Interface Science*, **2019**, 534, 665-671	9.3	17
63	Rutile TiO 2 mesocrystals with tunable subunits as a long-term cycling performance anode for sodium-ion batteries. *Journal of Alloys and Compounds*, **2017**, 699, 455-462	5.7	16
62	Metal-organic framework-derived hollow structure CoS/nitrogen-doped carbon spheres for high-performance lithium/sodium ion batteries. *Chemical Communications*, **2020**, 56, 3951-3954	5.8	16
61	Plasmonic Effects of Silver Nanoparticles Embedded in the Counter Electrode on the Enhanced Performance of Dye-Sensitized Solar Cells. *Langmuir*, **2018**, 34, 5367-5373	4	16
60	ZnO nanowires array grown on Ga-doped ZnO single crystal for dye-sensitized solar cells. *Scientific Reports*, **2015**, 5, 11499	4.9	15
59	Composite of K-doped (NH4)2V3O8/graphene as an anode material for sodium-ion batteries. *Dalton Transactions*, **2015**, 44, 18864-9	4.3	14
58	Enhanced electrochemical performance of ammonium vanadium bronze through sodium cation intercalation and optimization of electrolyte. *Journal of Colloid and Interface Science*, **2014**, 418, 273-6	9.3	14
57	Understanding the growth and photoelectrochemical properties of mesocrystals and single crystals: a case of anatase TiO(2). *Physical Chemistry Chemical Physics*, **2014**, 16, 7441-7	3.6	14

56	Highly Efficient Perovskite Solar Cells Based on Zn Ti O Nanoparticles as Electron Transport Material. *ChemSusChem*, **2018**, 11, 424-431	8.3	14
55	Enhanced Performance of Sn-Based Perovskite Solar Cells by Two-Dimensional Perovskite Doping. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 8624-8628	8.3	13
54	A hierarchical composite of GeO nanotubes/N-doped carbon microspheres with high-rate and super-durable performance for lithium-ion batteries. *Chemical Communications*, **2019**, 55, 14319-14322	5.8	13
53	Nanocomposite Li3V2(PO4)3/carbon as a cathode material with high rate performance and long-term cycling stability in lithium-ion batteries. *RSC Advances*, **2015**, 5, 57127-57132	3.7	12
52	Improving the efficiency of dye-sensitized solar cells by photoanode surface modifications. *Science China Materials*, **2016**, 59, 867-883	7.1	12
51	Structural engineering of tin sulfides anchored on nitrogen/phosphorus dual-doped carbon nanofibres in sodium/potassium-ion batteries. *Carbon*, **2022**, 189, 46-56	10.4	12
50	Nitrogen-doped carbon encapsulated zinc vanadate polyhedron engineered from a metal-organic framework as a stable anode for alkali ion batteries. *Journal of Colloid and Interface Science*, **2021**, 593, 251-265	9.3	12
49	Dual carbon decorated germanium-carbon composite as a stable anode for sodium/potassium-ion batteries. *Journal of Colloid and Interface Science*, **2021**, 584, 372-381	9.3	12
48	Synthesis of hierarchically mesoporous TiO2 spheres via a emulsion polymerization route for superior lithium-ion batteries. *Journal of Electroanalytical Chemistry*, **2018**, 818, 1-9	4.1	10
47	Anatase TiO2 Quantum Dots with a Narrow Band Gap of 2.85 eV Based on Surface Hydroxyl Groups Exhibiting Significant Photodegradation Property. *European Journal of Inorganic Chemistry*, **2018**, 2018, 1506-1510	2.3	10
46	Template-free fabrication of 1D core-shell MoO@MoS/nitrogen-doped carbon nanorods for enhanced lithium/sodium-ion storage. *Journal of Colloid and Interface Science*, **2021**, 588, 804-812	9.3	10
45	Highly efficient ZnSnO perovskite solar cells through band alignment engineering. *Chemical Communications*, **2019**, 55, 14673-14676	5.8	10
44	SnS2 nanosheets anchored on porous carbon fibers for high performance of sodium-ion batteries. *Journal of Electroanalytical Chemistry*, **2020**, 862, 114021	4.1	9
43	Bis(phenothiazyl-ethynylene)-Based Organic Dyes Containing Di-Anchoring Groups with Efficiency Comparable to N719 for Dye-Sensitized Solar Cells. *Chemistry - an Asian Journal*, **2017**, 12, 332-340	4.5	8
42	ZnO nanosheets encapsulating graphene quantum dots with enhanced performance for dye-sensitized solar cell. *Journal of Electroanalytical Chemistry*, **2019**, 840, 160-164	4.1	8
41	Facile synthesis of VN hollow spheres as an anode for lithium-ion battery. *Journal of Electroanalytical Chemistry*, **2019**, 848, 113360	4.1	8
40	Synthesis of anatase TiO2 mesocrystals with highly exposed low-index facets for enhanced electrochemical performance. *Electrochimica Acta*, **2019**, 319, 101-109	6.7	8
39	D□□ organic sensitizer surface passivation for efficient and stable perovskite solar cells. *Journal of Materials Chemistry A*,	13	8

38	Confined CoGe Alloy Nanoparticles in Nitrogen-Doped Carbon Nanotubes for Boosting Lithium Storage. *ACS Applied Materials & Interfaces*, **2020**, 12, 46247-46253	9.5	8
37	N-Doped carbon encapsulating Bi nanoparticles derived from metal□organic frameworks for high-performance sodium-ion batteries. *Journal of Materials Chemistry A*,	13	8
36	High-Rate, Large Capacity, and Long Life Dendrite-Free Zn Metal Anode Enabled by Trifunctional Electrolyte Additive with a Wide Temperature Range. *Advanced Science*,2201433	13.6	8
35	Hierarchical Porous Anatase TiO2 Microspheres with High-Rate and Long-Term Cycling Stability for Sodium Storage in Ether-Based Electrolyte. *ACS Applied Energy Materials*, **2020**, 3, 3619-3627	6.1	7
34	Heterogeneous TiO@NbO composite as a high-performance anode for lithium-ion batteries. *Scientific Reports*, **2017**, 7, 7204	4.9	7
33	In situ synthesis of g-CN by glass-assisted annealing route to boost the efficiency of perovskite solar cells. *Journal of Colloid and Interface Science*, **2021**, 591, 326-333	9.3	7
32	Covering effect of conductive glass: a facile route to tailor the grain growth of hybrid perovskites for highly efficient solar cells. *Journal of Materials Chemistry A*, **2018**, 6, 20289-20296	13	7
31	Low crystalline 1T-MoS@S-doped carbon hollow spheres as an anode material for Lithium-ion battery. *Journal of Colloid and Interface Science*, **2021**, 601, 411-417	9.3	7
30	In situ fabrication of ZnO□MoO2/C hetero-phase nanocomposite derived from MOFs with enhanced performance for lithium storage. *Journal of Alloys and Compounds*, **2020**, 817, 152728	5.7	6
29	Cu2S hollow spheres as an anode for high-rate sodium storage performance. *Journal of Electroanalytical Chemistry*, **2020**, 874, 114523	4.1	6
28	Hierarchically structural Ge encapsulated with nitrogen-doped carbon for high performance lithium storage. *Journal of Electroanalytical Chemistry*, **2019**, 832, 182-188	4.1	6
27	General Synthesis of Sulfonate-Based Metal-Organic Framework Derived Composite of M S @N/S-Doped Carbon for High-Performance Lithium/Sodium Ion Batteries. *Chemistry - A European Journal*, **2021**, 27, 2104-2111	4.8	6
26	Nanocomposite of ultra-small MoO embedded in nitrogen-doped carbon: In situ derivation from an organic molybdenum complex and its superior Li-Ion storage performance. *Journal of Colloid and Interface Science*, **2021**, 592, 33-41	9.3	5
25	Recent Progress in Preparation and Lithium-ion Storage Properties of TiO2 Mesocrystals. *Journal of the Chinese Chemical Society*, **2015**, 62, 209-216	1.5	4
24	Nitrogen-doped carbon coated silicon derived from a facile strategy with enhanced performance for lithium storage. *Functional Materials Letters*, **2016**, 09, 1650055	1.2	4
23	A composite of ultra-fine few-layer MoS2 structures embedded on N,P-co-doped bio-carbon for high-performance sodium-ion batteries. *New Journal of Chemistry*, **2020**, 44, 2046-2052	3.6	4
22	TiO Mesocrystals Processed at Low Temperature as the Electron-Transport Material in Perovskite Solar Cells. *ChemSusChem*, **2020**, 13, 5256-5263	8.3	4
21	Preparation of SnS2/enteromorpha prolifera derived carbon composite and its performance of sodium-ion batteries. *Journal of Physics and Chemistry of Solids*, **2021**, 152, 109976	3.9	3

20	Open-framework germanates derived GeO2/C nanocomposite as a long-life and high-capacity anode for lithium-ion batteries. *Journal of Alloys and Compounds*, **2021**, 881, 160533	5.7	3
19	Self-Optimizing Effect in Lithium Storage of GeO Induced by Heterointerface Regulation. *Small*, **2021**, e2106067	11	2
18	Defect passivation of a perovskite film by ZnInS nanosheets for efficient and stable perovskite solar cells.. *Chemical Communications*, **2021**,	5.8	2
17	Two-dimentional MoSe2/chitosan-derived nitrogen-doped carbon composite enabling stable sodium/potassium storage. *Journal of Physics and Chemistry of Solids*, **2022**, 163, 110573	3.9	2
16	Synthesis of the Se-HPCF composite a liquid-solution route and its stable cycling performance in Li-Se batteries. *Dalton Transactions*, **2020**, 49, 14536-14542	4.3	2
15	Facile fabrication of WS nanocrystals confined in chlorella-derived N, P co-doped bio-carbon for sodium-ion batteries with ultra-long lifespan. *Dalton Transactions*, **2021**, 50, 14745-14752	4.3	2
14	Algal residues-engaged formation of novel WVO4/V3Se4 hybrid nanostructure with carbon fiber confinement for enhanced long-term cycling stability in sodium/potassium storage. *Journal of Alloys and Compounds*, **2021**, 892, 162177	5.7	2
13	Tin-based metal-phosphine complexes nanoparticles as long-cycle life electrodes for high-performance hybrid supercapacitors. *Journal of Colloid and Interface Science*, **2022**, 606, 148-157	9.3	2
12	Stable Li-ion storage in Ge/N-doped carbon microsphere anodes. *Nanoscale*, **2021**, 13, 5307-5315	7.7	2
11	Hierarchical structure TiNb2O7 microspheres derived from titanate for high-performance lithium-ion batteries. *CrystEngComm*, **2021**, 23, 4905-4909	3.3	1
10	In-Situ Growth Mirror-Like Cobalt Sulfide Nanosheets on ITO for High Efficiency Counter Electrode of Dye-Sensitized Solar Cells**. *ChemistrySelect*, **2021**, 6, 7537-7541	1.8	1
9	Dual-phase TiO2 hollow microspheres as a superior anode for sodium ion battery. *Journal of Electroanalytical Chemistry*, **2021**, 899, 115687	4.1	1
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