Mingdeng Wei

List of Publications by Year
in descending order

169 papers	8,508 citations	36303 51 h-index	54911 84 g-index
175 all docs	175 docs citations	175 times ranked	8890 citing authors

#	Article	IF	Citations
1	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.	9.4	8
2	Defect passivation of a perovskite film by ZnIn₂S₄ nanosheets for efficient and stable perovskite solar cells. Chemical Communications, 2022, 58, 653-656.	4.1	4
3	Two-dimentional MoSe2/chitosan-derived nitrogen-doped carbon composite enabling stable sodium/potassium storage. Journal of Physics and Chemistry of Solids, 2022, 163, 110573.	4.0	7
4	Structural engineering of tin sulfides anchored on nitrogen/phosphorus dual-doped carbon nanofibres in sodium/potassium-ion batteries. Carbon, 2022, 189, 46-56.	10.3	86
5	Selfâ€Optimizing Effect in Lithium Storage of GeO₂ Induced by Heterointerface Regulation. Small, 2022, 18, e2106067.	10.0	5
6	Structure Engineering of BiSbS_x Nanocrystals Embedded within Sulfurized Polyacrylonitrile Fibers for High Performance of Potassiumâ€ion Batteries. Chemistry - A European Journal, 2022, 28, .	3.3	5
7	Realizing reversible conversion-alloying of GeO2/N-doped carbon nanocomposite with oxygen vacancies for lithium-ion batteries. Materials Today Nano, 2022, 18, 100196.	4.6	2
8	A composite of two dimensional GeSe2/nitrogenâ€doped reduced graphene oxide for enhanced capacitive lithiumâ€ion storage. Chemistry - A European Journal, 2022, , .	3.3	2
9	Dual-carbon materials coated Ge/Si composite for high performance lithium-ion batteries. Electrochimica Acta, 2022, 417, 140337.	5.2	8
10	A General Synthesis of Mesoporous Hollow Carbon Spheres with Extraordinary Sodium Storage Kinetics by Engineering Solvation Structure. Small, 2022, 18, e2106513.	10.0	4
11	Stabilizing intermediate phases via the efficient confinement effects of the SnS₂-SPAN fibre composite for ultra-stable half/full sodium/potassium-ion batteries. Journal of Materials Chemistry A, 2022, 10, 11449-11457.	10.3	36
12	Highâ€Rate, Large Capacity, and Long Life Dendriteâ€Free Zn Metal Anode Enabled by Trifunctional Electrolyte Additive with a Wide Temperature Range. Advanced Science, 2022, 9, .	11.2	91
13	Ionic Liquidâ€Assisted Crystallization and Defect Passivation for Efficient Perovskite Solar Cells with Enhanced Openâ€Circuit Voltage. ChemSusChem, 2022, 15, .	6.8	14
14	Conductive-free Zn2GeO4@multi-walled carbon nanotubes for high-performance lithium-ion storage. Journal of Alloys and Compounds, 2022, , 165720.	5.5	1
15	The optimized interface engineering of VS2 as cathodes for high performance all-solid-state lithium-ion battery. Science China Technological Sciences, 2022, 65, 1859-1866.	4.0	11
16	Construction of FeS2@C coated with reduced graphene oxide as high-performance anode for lithium-ion batteries. Journal of Electroanalytical Chemistry, 2022, 918, 116467.	3.8	4
17	High stability and high performance nitrogen doped carbon containers for lithium-ion batteries. Journal of Colloid and Interface Science, 2022, 625, 692-699.	9.4	3
18	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.	12.7	90

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19	General Synthesis of Sulfonateâ€Based Metalâ€“Organic Framework Derived Composite of M_xS_y@N/Sâ€Doped Carbon for Highâ€Performance Lithium/Sodium Ion Batteries. Chemistry - A European Journal, 2021, 27, 2104-2111.	3.3	23
20	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.	9.4	30
21	Hierarchical structure TiNb₂O₇ microspheres derived from titanate for high-performance lithium-ion batteries. CrystEngComm, 2021, 23, 4905-4909.	2.6	5
22	N-Doped carbon encapsulating Bi nanoparticles derived from metalâ€“organic frameworks for high-performance sodium-ion batteries. Journal of Materials Chemistry A, 2021, 9, 22048-22055.	10.3	33
23	Facile fabrication of WS₂ 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.	3.3	6
24	A thioacetamide interlayer anchoring TiO 2 and (FAPbI 3) 1â^' x (MAPbBr 3) x for highâ€performance perovskite solar cells. Journal of the American Ceramic Society, 2021, 104, 5120-5126.	3.8	2
25	Template-free fabrication of 1D core-shell MoO2@MoS2/nitrogen-doped carbon nanorods for enhanced lithium/sodium-ion storage. Journal of Colloid and Interface Science, 2021, 588, 804-812.	9.4	28
26	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.	4.0	9
27	Nanocomposite of ultra-small MoO2 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.	9.4	22
28	In situ synthesis of g-C3N4 by glass-assisted annealing route to boost the efficiency of perovskite solar cells. Journal of Colloid and Interface Science, 2021, 591, 326-333.	9.4	17
29	Nitrogen-doped carbon encapsulated zinc vanadate polyhedron engineered from a metalâ€“organic framework as a stable anode for alkali ion batteries. Journal of Colloid and Interface Science, 2021, 593, 251-265.	9.4	33
30	Inâ€Situ Growth Mirrorâ€Like Cobalt Sulfide Nanosheets on ITO for High Efficiency Counter Electrode of Dyeâ€Sensitized Solar Cells**. ChemistrySelect, 2021, 6, 7537-7541.	1.5	2
31	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.	5.5	6
32	V3Se4 embedded within N/P co-doped carbon fibers for sodium/potassium ion batteries. Chemical Engineering Journal, 2021, 419, 129607.	12.7	89
33	Dual-phase TiO2 hollow microspheres as a superior anode for sodium ion battery. Journal of Electroanalytical Chemistry, 2021, 899, 115687.	3.8	2
34	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.	5.5	9
35	Low crystalline 1T-MoS2@S-doped carbon hollow spheres as an anode material for Lithium-ion battery. Journal of Colloid and Interface Science, 2021, 601, 411-417.	9.4	21
36	A new neodymiumâ€“phosphine compound for supercapacitors with long-term cycling stability. Chemical Communications, 2021, 57, 5933-5936.	4.1	4

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37	Stable Li-ion storage in Ge/N-doped carbon microsphere anodes. Nanoscale, 2021, 13, 5307-5315.	5.6	7
38	Co-construction of sulfur vacancies and carbon confinement in V₅S₈/CNFs to induce an ultra-stable performance for half/full sodium-ion and potassium-ion batteries. Nanoscale, 2021, 13, 5033-5044.	5.6	90
39	Dâ€“Aâ€“Ïâ€“A organic sensitizer surface passivation for efficient and stable perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 25086-25093.	10.3	28
40	In situ fabrication of ZnOâ€“MoO2/C hetero-phase nanocomposite derived from MOFs with enhanced performance for lithium storage. Journal of Alloys and Compounds, 2020, 817, 152728.	5.5	14
41	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.	2.8	6
42	A new promising Ni-MOF superstructure for high-performance supercapacitors. Chemical Communications, 2020, 56, 1803-1806.	4.1	93
43	In Situ Confined Co5Ge3 Alloy Nanoparticles in Nitrogen-Doped Carbon Nanotubes for Boosting Lithium Storage. ACS Applied Materials & Interfaces, 2020, 12, 46247-46253.	8.0	11
44	Synthesis of the Se-HPCF composite via a liquid-solution route and its stable cycling performance in Liâ€“Se batteries. Dalton Transactions, 2020, 49, 14536-14542.	3.3	5
45	TiO₂ Mesocrystals Processed at Low Temperature as the Electronâ€Transport Material in Perovskite Solar Cells. ChemSusChem, 2020, 13, 5256-5263.	6.8	7
46	Cu2S hollow spheres as an anode for high-rate sodium storage performance. Journal of Electroanalytical Chemistry, 2020, 874, 114523.	3.8	20
47	Rational Design of Hierarchical SnS₂ Microspheres with S Vacancy for Enhanced Sodium Storage Performance. ACS Sustainable Chemistry and Engineering, 2020, 8, 9519-9525.	6.7	52
48	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.	6.7	37
49	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.	5.1	13
50	Metalâ€“organic framework-derived hollow structure CoS₂/nitrogen-doped carbon spheres for high-performance lithium/sodium ion batteries. Chemical Communications, 2020, 56, 3951-3954.	4.1	35
51	SnS2 nanosheets anchored on porous carbon fibers for high performance of sodium-ion batteries. Journal of Electroanalytical Chemistry, 2020, 862, 114021.	3.8	14
52	Biological impact of lead from halide perovskites reveals the risk of introducing a safe threshold. Nature Communications, 2020, 11, 310.	12.8	313
53	In situ fabrication of ultrathin few-layered WSe2 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.	9.4	67
54	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.	5.6	39

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55	Enhanced Performance of Sn-Based Perovskite Solar Cells by Two-Dimensional Perovskite Doping. ACS Sustainable Chemistry and Engineering, 2020, 8, 8624-8628.	6.7	31
56	An inorganic stable Sn-based perovskite film with regulated nucleation for solar cell application. Journal of Materials Chemistry C, 2020, 8, 8840-8845.	5.5	27
57	Facile Synthesis of Ultraâ€Small Fewâ€Layer Nanostructured MoSe₂ Embedded on N, P Coâ€Doped Bioâ€Carbon for Highâ€Performance Half/Full Sodiumâ€Ion and Potassiumâ€Ion Batteries. Chemistry - A European Journal, 2019, 25, 13411-13421.	3.3	61
58	Facile synthesis of VN hollow spheres as an anode for lithium-ion battery. Journal of Electroanalytical Chemistry, 2019, 848, 113360.	3.8	20
59	Synthesis of anatase TiO2 mesocrystals with highly exposed low-index facets for enhanced electrochemical performance. Electrochimica Acta, 2019, 319, 101-109.	5.2	15
60	Electrospun VSe_{1.5}/CNF composite with excellent performance for alkali metal ion batteries. Nanoscale, 2019, 11, 16308-16316.	5.6	50
61	Highly Efficient Perovskite Solar Cells Based on a Zn₂SnO₄ Compact Layer. ACS Applied Materials & Interfaces, 2019, 11, 36553-36559.	8.0	34
62	Template-free synthesis of metallic WS2 hollow microspheres as an anode for the sodium-ion battery. Journal of Colloid and Interface Science, 2019, 557, 722-728.	9.4	31
63	An ultra-small few-layer MoS2-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.	3.3	44
64	TiO2-B as an electron transporting material for highly efficient perovskite solar cells. Journal of Power Sources, 2019, 415, 8-14.	7.8	33
65	Reversible conversion reaction of GeO₂ boosts lithium-ion storage via Fe doping. Journal of Materials Chemistry A, 2019, 7, 4574-4580.	10.3	34
66	TiO₂-B nanowires via topological conversion with enhanced lithium-ion intercalation properties. Journal of Materials Chemistry A, 2019, 7, 3842-3847.	10.3	37
67	Hierarchical spheres constructed by ultrathin VS₂ nanosheets for sodium-ion batteries. Journal of Materials Chemistry A, 2019, 7, 3691-3696.	10.3	94
68	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.	5.2	26
69	Sulfur-Doped Anatase TiO₂ as an Anode for High-Performance Sodium-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 3791-3797.	5.1	46
70	Nanocomposite of Mo₂N Quantum Dots@MoO₃@Nitrogen-Doped Carbon as a High-Performance Anode for Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 10198-10206.	6.7	30
71	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.	13.7	220
72	Efficient Dye-Sensitized Solar Cells Composed of Nanostructural ZnO Doped with Ti. Catalysts, 2019, 9, 273.	3.5	34

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73	Hollow SiO2 microspheres coated with nitrogen doped carbon layer as an anode for high performance lithium-ion batteries. Electrochimica Acta, 2019, 306, 106-112.	5.2	51
74	Co₉S₈ embedded into N/S doped carbon composites: in situ derivation from a sulfonate-based metalâ€“organic framework and its electrochemical properties. Journal of Materials Chemistry A, 2019, 7, 10331-10337.	10.3	75
75	Rational design of few-layer MoSe₂ confined within ZnSeâ€“C hollow porous spheres for high-performance lithium-ion and sodium-ion batteries. Nanoscale, 2019, 11, 6766-6775.	5.6	143
76	MoS2 hollow spheres in ether-based electrolyte for high performance sodium ion battery. Journal of Colloid and Interface Science, 2019, 548, 20-24.	9.4	40
77	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.	10.3	19
78	ZnO nanosheets encapsulating graphene quantum dots with enhanced performance for dye-sensitized solar cell. Journal of Electroanalytical Chemistry, 2019, 840, 160-164.	3.8	13
79	An Sn doped 1Tâ€“2H MoS₂ few-layer structure embedded in N/P co-doped bio-carbon for high performance sodium-ion batteries. Chemical Communications, 2019, 55, 3614-3617.	4.1	69
80	Fabrication of Zn2SnO4 microspheres with controllable shell numbers for highly efficient dye-sensitized solar cells. Solar Energy, 2019, 181, 424-429.	6.1	25
81	Hierarchical Composite of Roseâ€Like VS₂@S/Nâ€Doped Carbon with Expanded (001) Planes for Superior Liâ€ion Storage. Small, 2019, 15, e1903904.	10.0	64
82	Highly efficient Zn2SnO4 perovskite solar cells through band alignment engineering. Chemical Communications, 2019, 55, 14673-14676.	4.1	18
83	A hierarchical composite of GeO₂ nanotubes/N-doped carbon microspheres with high-rate and super-durable performance for lithium-ion batteries. Chemical Communications, 2019, 55, 14319-14322.	4.1	14
84	Facile synthesis of hierarchical lychee-like Zn3V3O8@C/rGO nanospheres as high-performance anodes for lithium ion batteries. Journal of Colloid and Interface Science, 2019, 533, 627-635.	9.4	33
85	Hierarchically structural Ge encapsulated with nitrogen-doped carbon for high performance lithium storage. Journal of Electroanalytical Chemistry, 2019, 832, 182-188.	3.8	6
86	Two-dimensional MoN@N-doped carbon hollow spheres as an anode material for high performance lithium-ion battery. Electrochimica Acta, 2019, 295, 246-252.	5.2	39
87	In situ synthesis of Mn3O4 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.	9.4	26
88	Plasmonic Effects of Silver Nanoparticles Embedded in the Counter Electrode on the Enhanced Performance of Dye-Sensitized Solar Cells. Langmuir, 2018, 34, 5367-5373.	3.5	20
89	Synthesis of hierarchically mesoporous TiO2 spheres via a emulsion polymerization route for superior lithium-ion batteries. Journal of Electroanalytical Chemistry, 2018, 818, 1-9.	3.8	14
90	Metalâ€“organic frameworks at interfaces of hybrid perovskite solar cells for enhanced photovoltaic properties. Chemical Communications, 2018, 54, 1253-1256.	4.1	106

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91	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.	2.0	20
92	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.	6.7	47
93	Preparation of a Si/SiO₂â€“Orderedâ€Mesoporousâ€Carbon Nanocomposite as an Anode for Highâ€Performance Lithiumâ€Ion and Sodiumâ€Ion Batteries. Chemistry - A European Journal, 2018, 24, 4841-4848.	3.3	70
94	Hierarchical TiO_{2â^'x} imbedded with graphene quantum dots for high-performance lithium storage. Chemical Communications, 2018, 54, 1413-1416.	4.1	60
95	Rapid and facile synthesis of hierarchically mesoporous TiO₂â€“B with enhanced reversible capacity and rate capability. Journal of Materials Chemistry A, 2018, 6, 1196-1200.	10.3	34
96	Highly Efficient Perovskite Solar Cells Based on Zn₂Ti₃O₈ Nanoparticles as Electron Transport Material. ChemSusChem, 2018, 11, 424-431.	6.8	17
97	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.	7.8	86
98	Highly Efficient Degradation of Tobacco Specific Nâ€Nitrosamines by TiO₂ Mesocrystals with Robust and Tailored Microporous Structure. ChemistrySelect, 2018, 3, 10266-10270.	1.5	0
99	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.	10.3	10
100	Brookite TiO₂ mesocrystals with enhanced lithium-ion intercalation properties. Chemical Communications, 2018, 54, 11491-11494.	4.1	33
101	Rational Design and General Synthesis of Sâ€Doped Hard Carbon with Tunable Doping Sites toward Excellent Naâ€Ion Storage Performance. Advanced Materials, 2018, 30, e1802035.	21.0	239
102	Hierarchical Cobaltâ€Based Metalâ€“Organic Framework for Highâ€Performance Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2018, 24, 13362-13367.	3.3	60
103	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.	5.0	33
104	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.	7.8	29
105	A one-step synthesis of porous V₂O₃@C hollow spheres as a high-performance anode for lithium-ion batteries. Chemical Communications, 2018, 54, 7346-7349.	4.1	59
106	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.	5.5	19
107	Nbâ€Doped Rutile TiO₂ Mesocrystals with Enhanced Lithium Storage Properties for Lithium Ion Battery. Chemistry - A European Journal, 2017, 23, 5059-5065.	3.3	39
108	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.	2.8	29

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109	Bis(phenothiazylâ€ethynylene)â€Based Organic Dyes Containing Diâ€Anchoring Groups with Efficiency Comparable to N719 for Dyeâ€Sensitized Solar Cells. Chemistry - an Asian Journal, 2017, 12, 332-340.	3.3	9
110	Carbon coated anatase TiO 2 mesocrystals enabling ultrastable and robust sodium storage. Journal of Power Sources, 2017, 359, 64-70.	7.8	47
111	Green synthesis of a Se/HPCFâ€“rGO composite for Liâ€“Se batteries with excellent long-term cycling performance. Journal of Materials Chemistry A, 2017, 5, 22997-23005.	10.3	61
112	Rutile TiO₂ Mesocrystals as Sulfur Host for Highâ€Performance Lithiumâ€“Sulfur Batteries. Chemistry - A European Journal, 2017, 23, 16312-16318.	3.3	36
113	Heterogeneous TiO2@Nb2O5 composite as a high-performance anode for lithium-ion batteries. Scientific Reports, 2017, 7, 7204.	3.3	10
114	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.	10.3	35
115	A CMK-5-encapsulated MoSe₂ composite for rechargeable lithium-ion batteries with improved electrochemical performance. Journal of Materials Chemistry A, 2017, 5, 19632-19638.	10.3	85
116	Synthesis of Mesoporous Co²⁺-Doped TiO₂ Nanodisks Derived from Metal Organic Frameworks with Improved Sodium Storage Performance. ACS Applied Materials & Interfaces, 2017, 9, 32071-32079.	8.0	64
117	Layered Structural Coâ€Based MOF with Conductive Network Frames as a New Supercapacitor Electrode. Chemistry - A European Journal, 2017, 23, 631-636.	3.3	257
118	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.	10.3	54
119	Hierarchical MoS2@RGO nanosheets for high performance sodium storage. Journal of Power Sources, 2016, 331, 50-57.	7.8	92
120	Nitrogen-doped carbon coated silicon derived from a facile strategy with enhanced performance for lithium storage. Functional Materials Letters, 2016, 09, 1650055.	1.2	6
121	Hierarchical cerium oxide derived from metal-organic frameworks for high performance supercapacitor electrodes. Electrochimica Acta, 2016, 222, 773-780.	5.2	120
122	Ethanol thermal reduction synthesis of hierarchical MoO₂â€“C hollow spheres with high rate performance for lithium ion batteries. RSC Advances, 2016, 6, 105558-105564.	3.6	33
123	Improving the efficiency of dye-sensitized solar cells by photoanode surface modifications. Science China Materials, 2016, 59, 867-883.	6.3	13
124	Ge/GeO₂-Ordered Mesoporous Carbon Nanocomposite for Rechargeable Lithium-Ion Batteries with a Long-Term Cycling Performance. ACS Applied Materials & Interfaces, 2016, 8, 232-239.	8.0	88
125	Metalâ€“Organic Framework Derived Hierarchical Porous Anatase TiO₂ as a Photoanode for Dye-Sensitized Solar Cell. Crystal Growth and Design, 2016, 16, 121-125.	3.0	68
126	Rutile TiO2 Mesocrystals/Reduced Graphene Oxide with High-Rate and Long-Term Performance for Lithium-Ion Batteries. Scientific Reports, 2015, 5, 8498.	3.3	46

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127	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.	10.3	83
128	Recent Progress in Preparation and Lithiumâ€ion Storage Properties of TiO₂ Mesocrystals. Journal of the Chinese Chemical Society, 2015, 62, 209-216.	1.4	5
129	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.	10.3	30
130	Facile synthesis of rutile TiO₂ mesocrystals with enhanced sodium storage properties. Journal of Materials Chemistry A, 2015, 3, 17412-17416.	10.3	80
131	Iso-Oriented Anatase TiO2 Mesocages as a High Performance Anode Material for Sodium-Ion Storage. Scientific Reports, 2015, 5, 11960.	3.3	66
132	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.	3.6	13
133	ZnO nanowires array grown on Ga-doped ZnO single crystal for dye-sensitized solar cells. Scientific Reports, 2015, 5, 11499.	3.3	18
134	Hierarchical LiZnVO₄@C nanostructures with enhanced cycling stability for lithium-ion batteries. Dalton Transactions, 2015, 44, 7967-7972.	3.3	20
135	Ultrathin TiO2-B nanowires with enhanced electrochemical performance for Li-ion batteries. Journal of Materials Chemistry A, 2015, 3, 10038-10044.	10.3	37
136	Composite of K-doped (NH₄)₂V₃O₈/graphene as an anode material for sodium-ion batteries. Dalton Transactions, 2015, 44, 18864-18869.	3.3	19
137	Synthesis of hierarchical ZnV₂O₄microspheres and its electrochemical properties. CrystEngComm, 2014, 16, 10309-10313.	2.6	48
138	Ultrasensitive electrochemical sensor for p-nitrophenyl organophosphates based on ordered mesoporous carbons at low potential without deoxygenization. Analytica Chimica Acta, 2014, 822, 23-29.	5.4	41
139	Enhanced electrochemical performance of ammonium vanadium bronze through sodium cation intercalation and optimization of electrolyte. Journal of Colloid and Interface Science, 2014, 418, 273-276.	9.4	15
140	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.	9.4	55
141	Hierarchically porous TiO₂microspheres as a high performance anode for lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 1102-1106.	10.3	72
142	Understanding the growth and photoelectrochemical properties of mesocrystals and single crystals: a case of anatase TiO₂. Physical Chemistry Chemical Physics, 2014, 16, 7441-7447.	2.8	14
143	Efficiency enhanced dye-sensitized Zn₂SnO₄solar cells using a facile chemical-bath deposition method. New Journal of Chemistry, 2014, 38, 4465.	2.8	28
144	Zn-doped Ni-MOF material with a high supercapacitive performance. Journal of Materials Chemistry A, 2014, 2, 19005-19010.	10.3	395

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145	Facile synthesis of Li₂MnO₃nanowires for lithium-ion battery cathodes. New Journal of Chemistry, 2014, 38, 584-587.	2.8	22
146	Hierarchically porous anatase TiO₂microspheres composed of tiny octahedra with enhanced electrochemical properties in lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 20133-20138.	10.3	34
147	Metalâ€“organic frameworks: a new promising class of materials for a high performance supercapacitor electrode. Journal of Materials Chemistry A, 2014, 2, 16640-16644.	10.3	505
148	Metalâ€“Organic Frameworks at Interfaces in Dyeâ€Sensitized Solar Cells. ChemSusChem, 2014, 7, 2469-2472.	6.8	57
149	Facile synthesis of hierarchical MnO2 sub-microspheres composed of nanosheets and their application for supercapacitors. RSC Advances, 2014, 4, 40753-40757.	3.6	35
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151	Facile synthesis of ammonium vanadium oxide nanorods for Na-ion battery cathodes. Journal of Colloid and Interface Science, 2014, 428, 73-77.	9.4	34
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