Dawei Su

List of Publications by Year
in descending order

138 papers	13,892 citations	19657 61 h-index	20358 116 g-index
145 all docs	145 docs citations	145 times ranked	15226 citing authors

#	Article	IF	Citations
1	MoS₂/Graphene Composite Anodes with Enhanced Performance for Sodiumâ€Ion Batteries: The Role of the Twoâ€Dimensional Heterointerface. Advanced Functional Materials, 2015, 25, 1393-1403.	14.9	657
2	Highâ€Capacity Aqueous Potassiumâ€Ion Batteries for Largeâ€Scale Energy Storage. Advanced Materials, 2017, 29, 1604007.	21.0	494
3	Highly Ordered Mesoporous MoS₂ with Expanded Spacing of the (002) Crystal Plane for Ultrafast Lithium Ion Storage. Advanced Energy Materials, 2012, 2, 970-975.	19.5	455
4	Advances in Lithiumâ€“Sulfur Batteries: From Academic Research to Commercial Viability. Advanced Materials, 2021, 33, e2003666.	21.0	357
5	Promoting lithium polysulfide/sulfide redox kinetics by the catalyzing of zinc sulfide for high performance lithium-sulfur battery. Nano Energy, 2018, 51, 73-82.	16.0	350
6	Ultrathin MoS₂ Nanosheets as Anode Materials for Sodiumâ€Ion Batteries with Superior Performance. Advanced Energy Materials, 2015, 5, 1401205.	19.5	341
7	SnO2@graphene nanocomposites as anode materials for Na-ion batteries with superior electrochemical performance. Chemical Communications, 2013, 49, 3131.	4.1	332
8	Single-Crystalline Bilayered V₂O₅ Nanobelts for High-Capacity Sodium-Ion Batteries. ACS Nano, 2013, 7, 11218-11226.	14.6	326
9	Fabrication of Nâ€doped Grapheneâ€“Carbon Nanotube Hybrids from Prussian Blue for Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2017, 7, 1602014.	19.5	304
10	Anatase TiO₂: Better Anode Material Than Amorphous and Rutile Phases of TiO₂ for Na-Ion Batteries. Chemistry of Materials, 2015, 27, 6022-6029.	6.7	279
11	Na₂Ti₃O₇@Nâ€Doped Carbon Hollow Spheres for Sodiumâ€Ion Batteries with Excellent Rate Performance. Advanced Materials, 2017, 29, 1700989.	21.0	275
12	MOF-derived porous Nâ€“Co₃O₄@Nâ€“C nanododecahedra wrapped with reduced graphene oxide as a high capacity cathode for lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2018, 6, 2797-2807.	10.3	266
13	Bismuth: A new anode for the Na-ion battery. Nano Energy, 2015, 12, 88-95.	16.0	251
14	Graphene nanosheets as cathode catalysts for lithium-air batteries with an enhanced electrochemical performance. Carbon, 2012, 50, 727-733.	10.3	238
15	Graphene-Co3O4 nanocomposite as electrocatalyst with high performance for oxygen evolution reaction. Scientific Reports, 2015, 5, 7629.	3.3	234
16	Immobilizing Polysulfides with MXene-Functionalized Separators for Stable Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2016, 8, 29427-29433.	8.0	234
17	SnO2@MWCNT nanocomposite as a high capacity anode material for sodium-ion batteries. Electrochemistry Communications, 2013, 29, 8-11.	4.7	232
18	Improved Electrochemical Performance of Naâ€Ion Batteries in Etherâ€Based Electrolytes: A Case Study of ZnS Nanospheres. Advanced Energy Materials, 2016, 6, 1501785.	19.5	229

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19	WS2@graphene nanocomposites as anode materials for Na-ion batteries with enhanced electrochemical performances. Chemical Communications, 2014, 50, 4192.	4.1	224
20	Hydrothermal synthesis of Î±-MnO2 and Î²-MnO2 nanorods as high capacity cathode materials for sodium ion batteries. Journal of Materials Chemistry A, 2013, 1, 4845.	10.3	215
21	Electrode Materials for Sodium-Ion Batteries: Considerations on Crystal Structures and Sodium Storage Mechanisms. Electrochemical Energy Reviews, 2018, 1, 200-237.	25.5	213
22	Coâ€“Fe Mixed Metal Phosphide Nanocubes with Highly Interconnected-Pore Architecture as an Efficient Polysulfide Mediator for Lithiumâ€“Sulfur Batteries. ACS Nano, 2019, 13, 4731-4741.	14.6	212
23	3D Metal Carbide@Mesoporous Carbon Hybrid Architecture as a New Polysulfide Reservoir for Lithiumâ€Sulfur Batteries. Advanced Functional Materials, 2016, 26, 8746-8756.	14.9	210
24	Solvothermal synthesis of CoS2â€“graphene nanocomposite material for high-performance supercapacitors. Journal of Materials Chemistry, 2012, 22, 15750.	6.7	205
25	Updated Metal Compounds (MOFs, ï£¿S, ï£¿OH, ï£¿N, ï£¿C) Used as Cathode Materials for Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2018, 8, 1702607.	19.5	202
26	Single Crystalline Co3O4 Nanocrystals Exposed with Different Crystal Planes for Li-O2 Batteries. Scientific Reports, 2014, 4, 5767.	3.3	201
27	Single Crystalline Na_{0.7}MnO₂ Nanoplates as Cathode Materials for Sodiumâ€Ion Batteries with Enhanced Performance. Chemistry - A European Journal, 2013, 19, 10884-10889.	3.3	194
28	Highly Porous NiCo₂O₄ Nanoflakes and Nanobelts as Anode Materials for Lithium-Ion Batteries with Excellent Rate Capability. ACS Applied Materials & Interfaces, 2014, 6, 14827-14835.	8.0	187
29	An ordered mesoporous WS2 anode material with superior electrochemical performance for lithium ion batteries. Journal of Materials Chemistry, 2012, 22, 17437.	6.7	186
30	Sn@CNT nanopillars grown perpendicularly on carbon paper: A novel free-standing anode for sodium ion batteries. Nano Energy, 2015, 13, 208-217.	16.0	185
31	Mesoporous MnCo₂O₄ with a Flakeâ€Like Structure as Advanced Electrode Materials for Lithiumâ€Ion Batteries and Supercapacitors. Chemistry - A European Journal, 2015, 21, 1526-1532.	3.3	183
32	Prussian Blue Nanocubes with an Open Framework Structure Coated with PEDOT as Highâ€Capacity Cathodes for Lithiumâ€“Sulfur Batteries. Advanced Materials, 2017, 29, 1700587.	21.0	170
33	Confined Sulfur in 3â€‰D MXene/Reduced Graphene Oxide Hybrid Nanosheets for Lithiumâ€“Sulfur Battery. Chemistry - A European Journal, 2017, 23, 12613-12619.	3.3	167
34	SnS₂ Nanoplatelet@Graphene Nanocomposites as Highâ€Capacity Anode Materials for Sodiumâ€Ion Batteries. Chemistry - an Asian Journal, 2014, 9, 1611-1617.	3.3	166
35	Mesoporous NiO crystals with dominantly exposed {110} reactive facets for ultrafast lithium storage. Scientific Reports, 2012, 2, 924.	3.3	160
36	The 2021 battery technology roadmap. Journal Physics D: Applied Physics, 2021, 54, 183001.	2.8	158

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37	Hierarchical orthorhombic V2O5 hollow nanospheres as high performance cathode materials for sodium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 11185.	10.3	153
38	Hollow CoFe₂O₄nanospheres as a high capacity anode material for lithium ion batteries. Nanotechnology, 2012, 23, 055402.	2.6	140
39	Mesoporous Nickel Oxide Nanowires: Hydrothermal Synthesis, Characterisation and Applications for Lithiumâ€Ion Batteries and Supercapacitors with Superior Performance. Chemistry - A European Journal, 2012, 18, 8224-8229.	3.3	133
40	A nitrogenâ€“sulfur co-doped porous graphene matrix as a sulfur immobilizer for high performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2016, 4, 17381-17393.	10.3	133
41	Recent Advances in Rechargeable Magnesiumâ€Based Batteries for Highâ€Efficiency Energy Storage. Advanced Energy Materials, 2020, 10, 1903591.	19.5	132
42	A comparative investigation on the effects of nitrogen-doping into graphene on enhancing the electrochemical performance of SnO₂/graphene for sodium-ion batteries. Nanoscale, 2015, 7, 3164-3172.	5.6	130
43	CuO single crystal with exposed {001} facets - A highly efficient material for gas sensing and Li-ion battery applications. Scientific Reports, 2014, 4, 5753.	3.3	123
44	A Microwave Synthesis of Mesoporous NiCo₂O₄ Nanosheets as Electrode Materials for Lithiumâ€Ion Batteries and Supercapacitors. ChemPhysChem, 2015, 16, 169-175.	2.1	122
45	Octahedral tin dioxide nanocrystals as high capacity anode materials for Na-ion batteries. Physical Chemistry Chemical Physics, 2013, 15, 12543.	2.8	115
46	In-situ exfoliation of porous carbon nitride nanosheets for enhanced hydrogen evolution. Nano Energy, 2019, 59, 598-609.	16.0	112
47	Soft-template synthesis of 3D porous graphene foams with tunable architectures for lithiumâ€“O₂ batteries and oil adsorption applications. Journal of Materials Chemistry A, 2014, 2, 7973-7979.	10.3	108
48	Toward High Performance Lithiumâ€“Sulfur Batteries Based on Li₂S Cathodes and Beyond: Status, Challenges, and Perspectives. Advanced Functional Materials, 2018, 28, 1800154.	14.9	107
49	Self-standing sulfur cathodes enabled by 3D hierarchically porous titanium monoxide-graphene composite film for high-performance lithium-sulfur batteries. Nano Energy, 2018, 47, 331-339.	16.0	106
50	Iron-Doped NiCoP Porous Nanosheet Arrays as a Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. ACS Applied Energy Materials, 2018, 1, 571-579.	5.1	99
51	3D mesoporous hybrid NiCo₂O₄@graphene nanoarchitectures as electrode materials for supercapacitors with enhanced performances. Journal of Materials Chemistry A, 2014, 2, 8103-8109.	10.3	94
52	Hierarchical sodium-rich Prussian blue hollow nanospheres as high-performance cathode for sodium-ion batteries. Nano Research, 2018, 11, 3979-3990.	10.4	90
53	3D hybridâ€“porous carbon derived from carbonization of metal organic frameworks for high performance supercapacitors. Journal of Power Sources, 2016, 325, 286-291.	7.8	88
54	Mesoporous hexagonal Co3O4 for high performance lithium ion batteries. Scientific Reports, 2014, 4, 6519.	3.3	84

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55	Atomically dispersed Ni in cadmium-zinc sulfide quantum dots for high-performance visible-light photocatalytic hydrogen production. Science Advances, 2020, 6, eaaz8447.	10.3	83
56	Porous graphene wrapped CoO nanoparticles for highly efficient oxygen evolution. Journal of Materials Chemistry A, 2015, 3, 5402-5408.	10.3	79
57	Î²-MnO2 nanorods with exposed tunnel structures as high-performance cathode materials for sodium-ion batteries. NPG Asia Materials, 2013, 5, e70-e70.	7.9	68
58	Polypyrrole hollow nanospheres: stable cathode materials for sodium-ion batteries. Chemical Communications, 2015, 51, 16092-16095.	4.1	68
59	Mesocrystal Co3O4 nanoplatelets as high capacity anode materials for Li-ion batteries. Nano Research, 2014, 7, 794-803.	10.4	67
60	Gold nanocrystals with variable index facets as highly effective cathode catalysts for lithiumâ€“oxygen batteries. NPG Asia Materials, 2015, 7, e155-e155.	7.9	66
61	The latest advances in the critical factors (positive electrode, electrolytes, separators) for sodium-sulfur battery. Journal of Alloys and Compounds, 2019, 792, 797-817.	5.5	63
62	Hollow CeO2 spheres conformally coated with graphitic carbon for high-performance supercapacitor electrodes. Applied Surface Science, 2019, 463, 244-252.	6.1	63
63	Synthesis of functionalized nanoporous biocarbons with high surface area for CO₂ capture and supercapacitor applications. Green Chemistry, 2021, 23, 5571-5583.	9.0	62
64	Single-walled carbon nanotube-based polymer monoliths for the enantioselective nano-liquid chromatographic separation of racemic pharmaceuticals. Journal of Chromatography A, 2014, 1360, 100-109.	3.7	60
65	Hierarchical Mesoporous SnO Microspheres as High Capacity Anode Materials for Sodiumâ€Ion Batteries. Chemistry - A European Journal, 2014, 20, 3192-3197.	3.3	59
66	Superior Electrochemical Performance of Sulfur/Graphene Nanocomposite Material for Highâ€Capacity Lithiumâ€“Sulfur Batteries. Chemistry - an Asian Journal, 2012, 7, 1637-1643.	3.3	58
67	Enhance electrochemical performance of lithium sulfur battery through a solution-based processing technique. Journal of Power Sources, 2012, 202, 389-393.	7.8	57
68	Recent developments of aprotic lithium-oxygen batteries: functional materials determine the electrochemical performance. Science Bulletin, 2017, 62, 442-452.	9.0	54
69	Ruthenium nanocrystal decorated vertical graphene nanosheets@Ni foam as highly efficient cathode catalysts for lithium-oxygen batteries. NPG Asia Materials, 2016, 8, e286-e286.	7.9	52
70	A Hollowâ€Shell Structured V₂O₅ Electrodeâ€Based Symmetric Full Liâ€Ion Battery with Highest Capacity. Advanced Energy Materials, 2019, 9, 1900909.	19.5	51
71	Biomimetic 3D Fe/CeO2 decorated N-doped carbon nanotubes architectures for high-performance lithium-sulfur batteries. Chemical Engineering Journal, 2020, 401, 126079.	12.7	51
72	Microwave hydrothermal synthesis of urchin-like NiO nanospheres as electrode materials for lithium-ion batteries and supercapacitors with enhanced electrochemical performances. Journal of Alloys and Compounds, 2014, 582, 522-527.	5.5	48

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73	Energetic Aqueous Batteries. Advanced Energy Materials, 2022, 12, .	19.5	48
74	WO₃ nanolayer coated 3D-graphene/sulfur composites for high performance lithium/sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 4596-4603.	10.3	47
75	Accelerating Redox Kinetics of Lithium-Sulfur Batteries. Trends in Chemistry, 2020, 2, 1020-1033.	8.5	46
76	Rose flower-like NiCo2O4 with hierarchically porous structures for highly reversible lithium storage. Journal of Alloys and Compounds, 2016, 684, 691-698.	5.5	45
77	Synthesis of tuneable porous hematites (Î±-Fe2O3) for gas sensing and lithium storage in lithium ion batteries. Microporous and Mesoporous Materials, 2012, 149, 36-45.	4.4	44
78	A study of PtxCoy alloy nanoparticles as cathode catalysts for lithium-air batteries with improved catalytic activity. Journal of Power Sources, 2013, 244, 488-493.	7.8	44
79	Antimony-Carbon-Graphene Fibrous Composite as Freestanding Anode Materials for Sodium-ion Batteries. Electrochimica Acta, 2015, 177, 304-309.	5.2	44
80	One-dimensional magnetite Fe3O4 nanowires as electrode material for Li-ion batteries with improved electrochemical performance. Journal of Power Sources, 2013, 244, 742-746.	7.8	43
81	Hierarchical Vanadium Pentoxide Spheres as Highâ€Performance Anode Materials for Sodiumâ€Ion Batteries. ChemSusChem, 2015, 8, 2877-2882.	6.8	40
82	A robust flame retardant fluorinated polyimide nanofiber separator for high-temperature lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2020, 8, 14788-14798.	10.3	40
83	Graphene-supported SnO2 nanoparticles prepared by a solvothermal approach for an enhanced electrochemical performance in lithium-ion batteries. Nanoscale Research Letters, 2012, 7, 215.	5.7	38
84	Microwave synthesis of Î±-Fe2O3 nanoparticles and their lithium storage properties: A comparative study. Journal of Alloys and Compounds, 2015, 648, 732-739.	5.5	38
85	Polyaniline engineering defect-induced nitrogen doped carbon-supported Co3O4 hybrid composite as a high-efficiency electrocatalyst for oxygen evolution reaction. Applied Surface Science, 2020, 526, 146626.	6.1	36
86	Graphene/MnO2 hybrid nanosheets as high performance electrode materials for supercapacitors. Materials Chemistry and Physics, 2014, 143, 740-746.	4.0	34
87	Single-Step, Plasma-Enabled Reforming of Natural Precursors into Vertical Graphene Electrodes with High Areal Capacitance. ACS Sustainable Chemistry and Engineering, 2015, 3, 544-551.	6.7	34
88	Hydrothermal Synthesis of Nickel Oxide Nanosheets for Lithiumâ€Ion Batteries and Supercapacitors with Excellent Performance. Chemistry - an Asian Journal, 2013, 8, 2828-2832.	3.3	33
89	On-grid batteries for large-scale energy storage: Challenges and opportunities for policy and technology. MRS Energy & Sustainability, 2018, 5, 1.	3.0	33
90	Glycothermal synthesis of assembled vanadium oxide nanostructures for gas sensing. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	32

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91	Synthesis of Singleâ€Crystalline Spinel LiMn₂O₄ Nanorods for Lithiumâ€Ion Batteries with High Rate Capability and Long Cycle Life. Chemistry - A European Journal, 2014, 20, 17125-17131.	3.3	32
92	Application of Photocatalytic Materials in Sensors. Advanced Materials Technologies, 2020, 5, 1900993.	5.8	32
93	Facile synthesis of Camellia oleifera shell-derived hard carbon as an anode material for lithium-ion batteries. RSC Advances, 2019, 9, 20424-20431.	3.6	31
94	A functional hyperbranched binder enabling ultra-stable sulfur cathode for high-performance lithium-sulfur battery. Journal of Energy Chemistry, 2020, 50, 63-72.	12.9	31
95	Ab initio calculations on Li-ion migration in Li2FeSiO4 cathode material with a P21 symmetry structure. Applied Physics Letters, 2011, 99, .	3.3	29
96	Strong charge polarization effect enabled by surface oxidized titanium nitride for lithium-sulfur batteries. Communications Chemistry, 2019, 2, .	4.5	29
97	A simple approach to prepare nickel hydroxide nanosheets for enhanced pseudocapacitive performance. RSC Advances, 2014, 4, 19476-19481.	3.6	28
98	Sustainable process for all-carbon electrodes: Horticultural doping of natural-resource-derived nano-carbons for high-performance supercapacitors. Carbon, 2015, 91, 386-394.	10.3	26
99	Microwave-assisted synthesis of spherical Î²-Ni(OH) 2 superstructures for electrochemical capacitors with excellent cycling stability. Chemical Physics Letters, 2014, 610-611, 115-120.	2.6	25
100	Photoelectrochemical determination of malathion by using CuO modified with a metal-organic framework of type Cu-BTC. Mikrochimica Acta, 2019, 186, 481.	5.0	25
101	Self-crosslinkable polyaniline with coordinated stabilized CoOOH nanosheets as a high-efficiency electrocatalyst for oxygen evolution reaction. Applied Surface Science, 2020, 529, 147173.	6.1	25
102	Controllable design of nanoworm-like nickel sulfides for efficient electrochemical water splitting in alkaline media. Materials Today Energy, 2020, 18, 100573.	4.7	25
103	Polyhedral Magnetite Nanocrystals with Multiple Facets: Facile Synthesis, Structural Modelling, Magnetic Properties and Application for High Capacity Lithium Storage. Chemistry - A European Journal, 2012, 18, 488-497.	3.3	24
104	Nitrogen doped yolk-shell carbon spheres as cathode host for lithium-sulfur battery. Journal of Alloys and Compounds, 2018, 747, 283-292.	5.5	23
105	High capacity spherical Li[Li0.24Mn0.55Co0.14Ni0.07]O2 cathode material for lithium ion batteries. Solid State Ionics, 2013, 233, 12-19.	2.7	20
106	ZnO nanocrystals with a high percentage of exposed reactive facets for enhanced gas sensing performance. Sensors and Actuators B: Chemical, 2013, 186, 286-292.	7.8	20
107	Hierarchical Ru nanospheres as highly effective cathode catalysts for Liâ€“O2batteries. Journal of Materials Chemistry A, 2015, 3, 18384-18388.	10.3	20
108	Nitrogen Doped Carbon Coated Bi Microspheres as Highâ€performance Anode for Half and Full Sodium Ion Batteries. Chemistry - an Asian Journal, 2021, 16, 2314-2320.	3.3	19

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109	Highly Efficient Adsorption of Bilirubin by Ti₃C₂T_x MXene. Chemistry - an Asian Journal, 2021, 16, 1949-1955.	3.3	19
110	3D Freeâ€Standing NiCo₂O₄@graphene Foam for Highâ€Performance Supercapacitors. Energy Technology, 2016, 4, 737-743.	3.8	18
111	Bismuth Nanoparticles Anchored on Ti₃C₂T_x MXene Nanosheets for Highâ€Performance Sodiumâ€Ion Batteries. Chemistry - an Asian Journal, 2021, 16, 3774-3780.	3.3	17
112	Lithiumâ€Sulfur Batteries: Toward High Performance Lithiumâ€“Sulfur Batteries Based on Li₂S Cathodes and Beyond: Status, Challenges, and Perspectives (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	14.9	16
113	TPE based aggregation induced emission fluorescent sensors for viscosity of liquid and mechanical properties of hydrogel. Chinese Chemical Letters, 2022, 33, 252-256.	9.0	16
114	Propelling the polysulfide phase transformation of lithiumâ€“sulfur battery by VO2-rGO. Journal of Alloys and Compounds, 2019, 804, 549-553.	5.5	15
115	A Garnetâ€Type Solidâ€Electrolyteâ€Based Molten Lithiumâ^'Molybdenumâ^'Iron(II) Chloride Battery with Advanced Reaction Mechanism. Advanced Materials, 2020, 32, e2000960.	21.0	14
116	Preparation and Enhanced Electrochemical Performance of MnO₂ Nanosheets for Supercapacitors. Journal of the Chinese Chemical Society, 2012, 59, 1275-1279.	1.4	9
117	Scalable Preparation of LiFePO₄/C Nanocomposites with sp²â€Coordinated Carbon Coating as Highâ€Performance Cathode Materials for Lithiumâ€Ion Batteries. ChemElectroChem, 2015, 2, 2096-2103.	3.4	9
118	Co₃O₄-Carbon Cloth free standing cathode for lithium sulfur battery. IOP Conference Series: Materials Science and Engineering, 2017, 222, 012013.	0.6	9
119	A multifunctional polyimide nanofiber separator with a self-closing polyamideâ€“polyvinyl alcohol top layer with a Turing structure for high-performance lithiumâ€“sulfur batteries. Materials Advances, 2020, 1, 3449-3459.	5.4	8
120	Development of Smallâ€Scale Monitoring and Modeling Strategies for Safe Lithiumâ€Ion Batteries. Batteries and Supercaps, 2022, 5, .	4.7	8
121	Construction of a 2D Layered Phosphorusâ€doped Graphitic Carbon Nitride/BiOBr Heterojunction for Highly Efficient Photocatalytic Disinfection. Chemistry - an Asian Journal, 2022, 17, .	3.3	8
122	Controlling the adsorption behavior of hydrogen at the interface of polycrystalline CVD graphene. International Journal of Hydrogen Energy, 2018, 43, 18735-18744.	7.1	7
123	Graphitic Carbon Nitrideâ€Based Photocatalysts for Biological Applications. Advanced Sustainable Systems, 2022, 6, .	5.3	7
124	Hydrothermal synthesis of FeP4 and Fe2P-loaded Î±-Fe2O3 hollow spheres and applications in gas sensors. Sensors and Actuators B: Chemical, 2014, 194, 27-32.	7.8	6
125	The Effect of Carbon Coating on the Electrochemical Performance of Nanosized Li2FeSiO4Cathode Materials. Acta Physica Polonica A, 2013, 123, 279-282.	0.5	5
126	Pomegranateâ€Structured Silica/Sulfur Composite Cathodes for Highâ€Performance Lithiumâ€“Sulfur Batteries. Chemistry - an Asian Journal, 2018, 13, 568-576.	3.3	5

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127	Powerful qua-functional electrolyte additive for lithium metal batteries. Green Energy and Environment, 2022, 7, 361-364.	8.7	5
128	Graphitic…Based Solid…State Supercapacitors: Enabling Redox Reaction by In Situ Electrochemical Treatment. Batteries and Supercaps, 2020, 3, 587-595.	4.7	4
129	Pillar[5]arene…based …Three…components…Supramolecular Assembly and the Performance of Nitrobenzene…based Explosive Fluorescence Sensing. ChemistrySelect, 2021, 6, 9363-9367.	1.5	4
130	Synthesis of Highly Ordered Mesoporous Co3O4 for Gas Sensing. Journal of Nanoscience and Nanotechnology, 2013, 13, 3354-3359.	0.9	3
131	Fabrication and enhanced electrochemical performances of MoO3/graphene composite as anode material for lithium-ion batteries. International Journal of Smart Grid and Clean Energy, 2014, , .	0.4	3
132	Analysis and study on Chinese ancient wooden wheel. , 2009, , .		2
133	Toxicity assessments and transcriptional effects of monofunctionalized Pt(II) complex under dark and light irradiation condition in Caenorhabditis elegans. Journal of Inorganic Biochemistry, 2022, 230, 111720.	3.5	2
134	Lithium…Sulfur Batteries: Fabrication of N…doped Graphene…Carbon Nanotube Hybrids from Prussian Blue for Lithium…Sulfur Batteries (Adv. Energy Mater. 8/2017). Advanced Energy Materials, 2017, 7, .	19.5	1
135	Solid Electrolytes: A Garnet…Type Solid…Electrolyte…Based Molten Lithium…Molybdenum…Iron(II) Chloride Battery with Advanced Reaction Mechanism (Adv. Mater. 32/2020). Advanced Materials, 2020, 32, 2070242.	21.0	1
136	A novel conjugated heterotriangulene polymer for high performance organic lithium-ion battery. Dyes and Pigments, 2021, 191, 109352.	3.7	1
137	Consideration of Critical Axial Properties of Pristine and Defected Carbon Nanotubes Under Compression. Journal of Nanoscience and Nanotechnology, 2012, 12, 5025-5029.	0.9	0
138	Graphitic…Based Solid…State Supercapacitors: Enabling Redox Reaction by In Situ Electrochemical Treatment. Batteries and Supercaps, 2020, 3, 569-569.	4.7	0