

Zhiyu Wang

List of Publications by Year in descending order

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papers

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13827

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable Synthesis of NiFe-LDH/Ni ₉ S ₈ /NF Nanosheets by Two-Step Corrosion for Efficient Oxygen Electrocatalysis. ChemCatChem, 2022, 14, .	1.8	10
2	A Li ₂ S-based all-solid-state battery with high energy and superior safety. Science Advances, 2022, 8, eabl8390.	4.7	54
3	Boosting Hydrogen Evolution through the Interface Effects of Amorphous NiMoO ₄ and Crystalline Cu. ACS Omega, 2022, 7, 2244-2251.	1.6	5
4	NiCo (oxy)selenide electrocatalysts via anionic regulation for high-performance lithium-sulfur batteries. Journal of Materials Chemistry A, 2022, 10, 5410-5419.	5.2	22
5	Energy-Saving Hydrogen Production by Seawater Electrolysis Coupling Sulfion Degradation. Advanced Materials, 2022, 34, e2109321.	11.1	95
6	O,N-Codoped CeF ₃ Upconversion Nanoparticles for Efficient Photocatalytic Oxygen Evolution under Visible Light. ACS Applied Nano Materials, 2022, 5, 5096-5102.	2.4	3
7	Hydrogen Production and Water Desalination with On-demand Electricity Output Enabled by Electrochemical Neutralization Chemistry. Angewandte Chemie - International Edition, 2022, 61, .	7.2	23
8	A High-Energy and Safe Lithium Battery Enabled by Solid-State Redox Chemistry in a Fireproof Gel Electrolyte. Advanced Materials, 2022, 34, e2201981.	11.1	27
9	Single-atom Pt promoted Mo ₂ C for electrochemical hydrogen evolution reaction. Journal of Energy Chemistry, 2021, 57, 371-377.	7.1	69
10	Boosting hydrogen generation by anodic oxidation of iodide over Ni-Co(OH) ₂ nanosheet arrays. Nanoscale Advances, 2021, 3, 604-610.	2.2	22
11	A quasi-solid-state rechargeable cell with high energy and superior safety enabled by stable redox chemistry of Li ₂ S in gel electrolyte. Energy and Environmental Science, 2021, 14, 2278-2290.	15.6	40
12	Boosting the Electrocatalysis of MXenes by Plasmon-Induced Thermalization and Hot-Electron Injection. Angewandte Chemie, 2021, 133, 9502-9506.	1.6	4
13	Boosting the Electrocatalysis of MXenes by Plasmon-Induced Thermalization and Hot-Electron Injection. Angewandte Chemie - International Edition, 2021, 60, 9416-9420.	7.2	78
14	2021 Roadmap: electrocatalysts for green catalytic processes. JPhys Materials, 2021, 4, 022004.	1.8	57
15	Cu ²⁺ -Guided Construction of the Amorphous CoMoO ₃ /Cu Nanocomposite for Highly Efficient Water Electrolysis. ACS Applied Energy Materials, 2021, 4, 6740-6748.	2.5	8
16	Hydrogen-Bonding Crosslinking MXene to Highly Robust and Ultralight Aerogels for Strengthening Lithium Metal Anode. Small Science, 2021, 1, 2100021.	5.8	41
17	Energy-saving hydrogen production by chlorine-free hybrid seawater splitting coupling hydrazine degradation. Nature Communications, 2021, 12, 4182.	5.8	233
18	Sacrificial Reagent Free Photocatalytic Oxygen Evolution over CeF ₃ /FeOOH Nanohybrid. Advanced Materials Interfaces, 2021, 8, 2101161.	1.9	3

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19	A Ti ₃ C ₂ T _x MXene-Based Energy-Harvesting Soft Actuator with Self-Powered Humidity Sensing and Real-Time Motion Tracking Capability. ACS Nano, 2021, 15, 16811-16818.	7.3	74
20	Stabilizing MXene by Hydration Chemistry in Aqueous Solution. Angewandte Chemie - International Edition, 2021, 60, 26587-26591.	7.2	61
21	Stabilizing MXene by Hydration Chemistry in Aqueous Solution. Angewandte Chemie, 2021, 133, 26791-26795.	1.6	5
22	Fast Peel-Off Ultrathin, Transparent, and Free-Standing Films Assembled from Low-Dimensional Materials Using MXene Sacrificial Layers and Produced Bubbles. Small Methods, 2021, , 2101388.	4.6	3
23	Potential bleach activators with improved imide hydrolytic stability. International Journal of Industrial Chemistry, 2020, 11, 177-185.	3.1	2
24	Hyper oxygen incorporation in CeF ₃ : a new intermediate-band photocatalyst for antibiotic degradation under visible/NIR light. RSC Advances, 2020, 10, 38798-38804.	1.7	8
25	General synthesis of MXene by green etching chemistry of fluoride-free Lewis acidic melts. Rare Metals, 2020, 39, 1237-1238.	3.6	52
26	Multilevel Hollow MXene Tailored Low-Pt Catalyst for Efficient Hydrogen Evolution in Full-pH Range and Seawater. Advanced Functional Materials, 2020, 30, 1910028.	7.8	150
27	Quasi-solid sodium ions electrolyte of $\text{Na}_2\text{O} \cdot \text{B}_2\text{O}_3 \cdot \text{SiO}_2 \cdot \text{H}_2\text{O}$ system hydrated glass. Bulletin of Materials Science, 2020, 43, 1.	0.8	1
28	Nano Anatase TiO ₂ Quasi-Core-Shell Homophase Junction Induced by a Ti ³⁺ Concentration Difference for Highly Efficient Hydrogen Evolution. Inorganic Chemistry, 2020, 59, 3330-3339.	1.9	5
29	Engineering Multifunctional Collaborative Catalytic Interface Enabling Efficient Hydrogen Evolution in All pH Range and Seawater. Advanced Energy Materials, 2019, 9, 1901333.	10.2	196
30	A hierarchically porous and hydrophilic 3D nickel-iron/MXene electrode for accelerating oxygen and hydrogen evolution at high current densities. Nano Energy, 2019, 63, 103880.	8.2	275
31	A Molecular-Cage Strategy Enabling Efficient Chemisorption-Electrocatalytic Interface in Nanostructured Li ₂ S Cathode for Li Metal-Free Rechargeable Cells with High Energy. Advanced Functional Materials, 2019, 29, 1905986.	7.8	51
32	Synthesis of polypeptides via bioinspired polymerization of in situ purified <i>N</i> -carboxyanhydrides. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10658-10663.	3.3	87
33	Boosting redox activity on MXene-induced multifunctional collaborative interface in high Li ₂ S loading cathode for high-energy Li-S and metallic Li-free rechargeable batteries. Journal of Energy Chemistry, 2019, 37, 183-191.	7.1	80
34	High-Efficiency Photocatalysis of Self-Hydroxylated TiO ₂ Nanocrystals for Water Splitting. ChemistrySelect, 2019, 4, 13998-14003.	0.7	5
35	Accelerating polysulfide redox conversion on bifunctional electrocatalytic electrode for stable Li-S batteries. Energy Storage Materials, 2019, 20, 98-107.	9.5	87
36	Ultrastable and high-capacity carbon nanofiber anodes derived from pitch/polyacrylonitrile for flexible sodium-ion batteries. Carbon, 2018, 135, 187-194.	5.4	80

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37	Rational design of high-performance sodium-ion battery anode by molecular engineering of coal tar pitch. <i>Chemical Engineering Journal</i> , 2018, 342, 52-60.	6.6	87
38	Superhierarchical Cobalt-Embedded Nitrogen-Doped Porous Carbon Nanosheets as Two-in-One Hosts for High-Performance Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2018, 30, e1706895.	11.1	300
39	Microporous MOFs Engaged in the Formation of Nitrogen-Doped Mesoporous Carbon Nanosheets for High-Rate Supercapacitors. <i>Chemistry - A European Journal</i> , 2018, 24, 2681-2686.	1.7	21
40	MXene-Based Electrode with Enhanced Pseudocapacitance and Volumetric Capacity for Power-Type and Ultra-Long Life Lithium Storage. <i>ACS Nano</i> , 2018, 12, 3928-3937.	7.3	163
41	Aggregation-Resistant 3D MXene-Based Architecture as Efficient Bifunctional Electrocatalyst for Overall Water Splitting. <i>ACS Nano</i> , 2018, 12, 8017-8028.	7.3	425
42	Boosting electrocatalytic oxygen evolution by synergistically coupling layered double hydroxide with MXene. <i>Nano Energy</i> , 2018, 44, 181-190.	8.2	458
43	General synthesis of zeolitic imidazolate framework-derived planar-N-doped porous carbon nanosheets for efficient oxygen reduction. <i>Energy Storage Materials</i> , 2017, 7, 181-188.	9.5	31
44	Selective in vivo metabolic cell-labeling-mediated cancer targeting. <i>Nature Chemical Biology</i> , 2017, 13, 415-424.	3.9	274
45	Stabilizing the MXenes by Carbon Nanoplatting for Developing Hierarchical Nanohybrids with Efficient Lithium Storage and Hydrogen Evolution Capability. <i>Advanced Materials</i> , 2017, 29, 1607017.	11.1	583
46	Long life rechargeable Li-O ₂ batteries enabled by enhanced charge transfer in nanocable-like Fe@N-doped carbon nanotube catalyst. <i>Science China Materials</i> , 2017, 60, 415-426.	3.5	26
47	Freestanding Flexible Li ₂ S Paper Electrode with High Mass and Capacity Loading for High-Energy Li-S Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700018.	10.2	152
48	Achieving ultralong life sodium storage in amorphous cobalt-tin binary sulfide nanoboxes sheathed in N-doped carbon. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10398-10405.	5.2	45
49	Nitrogen-Doped Graphene on Transition Metal Substrates as Efficient Bifunctional Catalysts for Oxygen Reduction and Oxygen Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22578-22587.	4.0	128
50	Metal-Organic Framework-Derived Hybrid Carbon Nanocages as a Bifunctional Electrocatalyst for Oxygen Reduction and Evolution. <i>Advanced Materials</i> , 2017, 29, 1700874.	11.1	678
51	Nanohybrids: Stabilizing the MXenes by Carbon Nanoplatting for Developing Hierarchical Nanohybrids with Efficient Lithium Storage and Hydrogen Evolution Capability (<i>Adv. Mater.</i> 24/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	4
52	Ultrasonic-induced disorder engineering on ZnO, ZrO ₂ , Fe ₂ O ₃ and SnO ₂ nanocrystals. <i>RSC Advances</i> , 2017, 7, 18785-18792.	1.7	18
53	A Polymetallic Metal-Organic Framework-Derived Strategy toward Synergistically Multidoped Metal Oxide Electrodes with Ultralong Cycle Life and High Volumetric Capacity. <i>Advanced Functional Materials</i> , 2017, 27, 1605332.	7.8	116
54	Ultrasonic-induced nanocomposites with anatase@amorphous TiO ₂ core-shell structure and their photocatalytic activity. <i>RSC Advances</i> , 2016, 6, 67444-67448.	1.7	6

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55	Low Cytotoxic Metal-Organic Frameworks as Temperature-Responsive Drug Carriers. <i>ChemPlusChem</i> , 2016, 81, 804-810.	1.3	67
56	Ultrafine Fe ₃ O ₄ Quantum Dots on Hybrid Carbon Nanosheets for Long-Life, High-Rate Alkali-Metal Storage. <i>ChemElectroChem</i> , 2016, 3, 38-44.	1.7	32
57	Sustainable Synthesis and Assembly of Biomass-Derived B/N Co-Doped Carbon Nanosheets with Ultrahigh Aspect Ratio for High-Performance Supercapacitors. <i>Advanced Functional Materials</i> , 2016, 26, 111-119.	7.8	607
58	Hollow TiO ₂ microspheres: template-free synthesis, remarkable structure stability, and improved photoelectric performance. <i>New Journal of Chemistry</i> , 2016, 40, 4751-4755.	1.4	3
59	Low Cytotoxic Metal-Organic Frameworks as Temperature-Responsive Drug Carriers. <i>ChemPlusChem</i> , 2016, 81, 668-668.	1.3	10
60	A Top-Down Strategy toward 3D Carbon Nanosheet Frameworks Decorated with Hollow Nanostructures for Superior Lithium Storage. <i>Advanced Functional Materials</i> , 2016, 26, 7590-7598.	7.8	201
61	A Terbium Metal-Organic Framework for Highly Selective and Sensitive Luminescence Sensing of Hg ²⁺ Ions in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2016, 22, 18429-18434.	1.7	121
62	Rational design of metal oxide hollow nanostructures decorated carbon nanosheets for superior lithium storage. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17718-17725.	5.2	30
63	Metal-organic framework nanosheets for fast-response and highly sensitive luminescent sensing of Fe ³⁺ . <i>Journal of Materials Chemistry A</i> , 2016, 4, 10900-10905.	5.2	412
64	TiO ₂ mesoporous single crystals with controllable architectures and TiO ₂ /graphene oxide nanocomposites for high-performance lithium ion battery anodes. <i>Electrochimica Acta</i> , 2016, 190, 25-32.	2.6	14
65	Nitrogen-doped activated carbon derived from prawn shells for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2016, 190, 1134-1141.	2.6	217
66	Metal-organic-framework-engaged formation of Co nanoparticle-embedded carbon@Co ₉ S ₈ double-shelled nanocages for efficient oxygen reduction. <i>Energy and Environmental Science</i> , 2016, 9, 107-111.	15.6	499
67	Dye Encapsulated Metal-Organic Framework for Warm-White LED with High Color-Rendering Index. <i>Advanced Functional Materials</i> , 2015, 25, 4796-4802.	7.8	260
68	Semiconductor Nanocrystals: Liquid-Liquid Diffusion-Assisted Crystallization: A Fast and Versatile Approach Toward High Quality Mixed Quantum Dot-Salt Crystals (Adv. Funct. Mater. 18/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2783-2783.	7.8	1
69	Nitrogen-rich carbon coupled multifunctional metal oxide/graphene nanohybrids for long-life lithium storage and efficient oxygen reduction. <i>Nano Energy</i> , 2015, 12, 578-587.	8.2	76
70	Dually Fixed SnO ₂ Nanoparticles on Graphene Nanosheets by Polyaniline Coating for Superior Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2444-2451.	4.0	99
71	Chemically converting graphene oxide to graphene with organic base for Suzuki reaction. <i>Materials Research Bulletin</i> , 2015, 67, 77-82.	2.7	16
72	Black Hydroxylated Titanium Dioxide Prepared via Ultrasonication with Enhanced Photocatalytic Activity. <i>Scientific Reports</i> , 2015, 5, 11712.	1.6	133

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73	A Noninterpenetrated Metal-Organic Framework Built from an Enlarged Tetracarboxylic Acid for Small Hydrocarbon Separation. <i>Crystal Growth and Design</i> , 2015, 15, 4071-4074.	1.4	21
74	Liquid-Liquid Diffusion-Assisted Crystallization: A Fast and Versatile Approach Toward High Quality Mixed Quantum Dot Salt Crystals. <i>Advanced Functional Materials</i> , 2015, 25, 2638-2645.	7.8	52
75	Bowl-like sulfur particles wrapped by graphene oxide as cathode material of lithium-sulfur batteries. <i>RSC Advances</i> , 2015, 5, 28832-28835.	1.7	12
76	Sulfur-infiltrated graphene-backboned mesoporous carbon nanosheets with a conductive polymer coating for long-life lithium-sulfur batteries. <i>Nanoscale</i> , 2015, 7, 7569-7573.	2.8	106
77	Synthesis of different CuO nanostructures from Cu(OH) ₂ nanorods through changing drying medium for lithium-ion battery anodes. <i>RSC Advances</i> , 2015, 5, 28611-28618.	1.7	26
78	Coordination-driven self-assembly: construction of a Fe ₃ O ₄ -graphene hybrid 3D framework and its long cycle lifetime for lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 40249-40257.	1.7	16
79	Carbonate-assisted hydrothermal synthesis of porous, hierarchical CuO microspheres and CuO/GO for high-performance lithium-ion battery anodes. <i>RSC Advances</i> , 2015, 5, 85179-85186.	1.7	19
80	White Light: Dye Encapsulated Metal-Organic Framework for Warm-White LED with High Color-Rendering Index (Adv. Funct. Mater. 30/2015). <i>Advanced Functional Materials</i> , 2015, 25, 4795-4795.	7.8	2
81	Electrochemical properties of SnO ₂ nanoparticles immobilized within a metal-organic framework as an anode material for lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 84662-84665.	1.7	19
82	A new NbO type metal-organic framework for high acetylene and methane storage. <i>RSC Advances</i> , 2015, 5, 84446-84450.	1.7	13
83	An amino-decorated NbO-type metal-organic framework for high C ₂ H ₂ storage and selective CO ₂ capture. <i>RSC Advances</i> , 2015, 5, 77417-77422.	1.7	53
84	Towards efficient electrocatalysts for oxygen reduction by doping cobalt into graphene-supported graphitic carbon nitride. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19657-19661.	5.2	47
85	Mixed-Metal-Organic Framework with Effective Lewis Acidic Sites for Sulfur Confinement in High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20999-21004.	4.0	182
86	Compressible graphene aerogel supported CoO nanostructures as a binder-free electrode for high-performance lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 8929-8932.	1.7	32
87	One-dimension TiO ₂ nanostructures: oriented attachment and application in dye-sensitized solar cell. <i>CrystEngComm</i> , 2014, 16, 1681.	1.3	16
88	Vertical-cavity surface-emitting laser in the long-wavelength (700Ånm) region in the visible by energy transfer between organic dyes. <i>Applied Physics B: Lasers and Optics</i> , 2014, 115, 583-588.	1.1	6
89	TiO ₂ /C composites nanorods synthesized by internal-reflux method for lithium-ion battery anode materials. <i>Materials Letters</i> , 2014, 117, 124-127.	1.3	9
90	Recyclable catalyst for catalytic hydrogenation of phenylacetylene by coupling Pd nanoparticles with highly compressible graphene aerogels. <i>RSC Advances</i> , 2014, 4, 59977-59980.	1.7	16

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91	Highly dispersed NiS nanoparticles in porous carbon matrices by a template metal-organic framework method for lithium-ion cathode. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7912.	5.2	89
92	Shape- and Size- Controlled Synthesis of Mn_3O_4 Nanocrystals at Room Temperature. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3023-3029.	1.0	10
93	Controllable synthesis of spherical anatase mesocrystals for lithium ion batteries. <i>New Journal of Chemistry</i> , 2014, 38, 4754-4759.	1.4	9
94	Facile synthesis of graphene-supported mesoporous Mn_3O_4 nanosheets with a high-performance in Li-ion batteries. <i>RSC Advances</i> , 2014, 4, 5367.	1.7	30
95	Low temperature plasma synthesis of mesoporous Fe_3O_4 nanorods grafted on reduced graphene oxide for high performance lithium storage. <i>Nanoscale</i> , 2014, 6, 2286.	2.8	97
96	Self-assembled hierarchical mesoporous TiO_2 -C sub-microspheres from nanorods and their improved properties for lithium storage. <i>RSC Advances</i> , 2014, 4, 19266.	1.7	8
97	Enhanced photocatalytic activity of hydroxylated and N-doped anatase derived from amorphous hydrate. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16242-16249.	5.2	19
98	Enhancing lithium-sulphur battery performance by strongly binding the discharge products on amino-functionalized reduced graphene oxide. <i>Nature Communications</i> , 2014, 5, 5002.	5.8	892
99	Nitrogen-doped graphene nanoribbons for high-performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16832-16835.	5.2	75
100	Porous anatase TiO_2 constructed from a metal-organic framework for advanced lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12571.	5.2	153
101	Controllable synthesis of TiO_2 hierarchical and their applications in lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 42772-42778.	1.7	3
102	A fluorescent pH chemosensor for strongly acidic conditions based on the intramolecular charge transfer (ICT) effect. <i>RSC Advances</i> , 2013, 3, 4872.	1.7	35
103	Amorphous CoSnO_3 @C nanoboxes with superior lithium storage capability. <i>Energy and Environmental Science</i> , 2013, 6, 87-91.	15.6	337
104	Free-standing, hierarchically porous carbon nanotube film as a binder-free electrode for high-energy Li-O_2 batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12033.	5.2	78
105	TiO_2 nanotube arrays grafted with Fe_2O_3 hollow nanorods as integrated electrodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 122-127.	5.2	130
106	Highly atom-economic synthesis of graphene/ Mn_3O_4 hybrid composites for electrochemical supercapacitors. <i>Nanoscale</i> , 2013, 5, 2999.	2.8	128
107	A Flexible TiO_2 (B)-Based Battery Electrode with Superior Power Rate and Ultralong Cycle Life. <i>Advanced Materials</i> , 2013, 25, 3462-3467.	11.1	286
108	Mesoporous Single-crystal $\text{CoSn}(\text{OH})_6$ Hollow Structures with Multilevel Interiors. <i>Scientific Reports</i> , 2013, 3, 1391.	1.6	131

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109	Two-Step Self-Assembly and Lyotropic Liquid Crystal Behavior of TiO ₂ Nanorods. Journal of Nanomaterials, 2012, 2012, 1-8.	1.5	6
110	Fabrication, magnetic properties and self-assembly of hierarchical crystalline hexapod magnetites. RSC Advances, 2012, 2, 4329.	1.7	10
111	Formation of Pt@TiO ₂ /rGO 3-phase junctions with significantly enhanced electro-activity for methanol oxidation. Physical Chemistry Chemical Physics, 2012, 14, 473-476.	1.3	67
112	Assembling carbon-coated γ -Fe ₂ O ₃ hollow nanohorns on the CNT backbone for superior lithium storage capability. Energy and Environmental Science, 2012, 5, 5252-5256.	15.6	767
113	Ultralong γ -MoO ₃ Nanobelts: Synthesis and Effect of Binder Choice on Their Lithium Storage Properties. Journal of Physical Chemistry C, 2012, 116, 12508-12513.	1.5	246
114	γ -Fe ₂ O ₃ -mediated growth and carbon nanocoating of ultrafine SnO ₂ nanorods as anode materials for Li-ion batteries. Journal of Materials Chemistry, 2012, 22, 2526-2531.	6.7	46
115	Green Synthesis of NiO Nanobelts with Exceptional Pseudo-Capacitive Properties. Advanced Energy Materials, 2012, 2, 1188-1192.	10.2	297
116	One-Step Synthesis of SnO ₂ and TiO ₂ Hollow Nanostructures with Various Shapes and Their Enhanced Lithium Storage Properties. Chemistry - A European Journal, 2012, 18, 7561-7567.	1.7	67
117	Synthesis of MoS ₂ @C One-Dimensional Nanostructures with Improved Lithium Storage Properties. ACS Applied Materials & Interfaces, 2012, 4, 3765-3768.	4.0	183
118	TiO ₂ Nanocages: Fast Synthesis, Interior Functionalization and Improved Lithium Storage Properties. Advanced Materials, 2012, 24, 4124-4129.	11.1	250
119	Metal Oxide Hollow Nanostructures for Lithium-ion Batteries. Advanced Materials, 2012, 24, 1903-1911.	11.1	1,414
120	Graphene-wrapped TiO ₂ hollow structures with enhanced lithium storage capabilities. Nanoscale, 2011, 3, 2158.	2.8	223
121	SBA-15 derived carbon-supported SnO ₂ nanowire arrays with improved lithium storage capabilities. Journal of Materials Chemistry, 2011, 21, 13860.	6.7	61
122	Enhancement of nonlinear optical activity in new six-branched dendritic dipolar chromophore. Journal of Materials Chemistry, 2011, 21, 3197.	6.7	38
123	Interconnected MoO ₂ Nanocrystals with Carbon Nanocoating as High-Capacity Anode Materials for Lithium-ion Batteries. ACS Applied Materials & Interfaces, 2011, 3, 4853-4857.	4.0	167
124	Formation of SnO ₂ Hollow Nanospheres inside Mesoporous Silica Nanoreactors. Journal of the American Chemical Society, 2011, 133, 21-23.	6.6	391
125	γ -Fe ₂ O ₃ nanotubes with superior lithium storage capability. Chemical Communications, 2011, 47, 8061.	2.2	265
126	CuO nanostructures supported on Cu substrate as integrated electrodes for highly reversible lithium storage. Nanoscale, 2011, 3, 1618.	2.8	174

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127	Hierarchical nickel sulfide hollow spheres for high performance supercapacitors. RSC Advances, 2011, 1, 397.	1.7	322
128	Controlled synthesis of hierarchical NiO nanosheet hollow spheres with enhanced supercapacitive performance. Journal of Materials Chemistry, 2011, 21, 6602.	6.7	280
129	Shape Evolution of Highly Crystalline Anatase TiO ₂ Nanobipyramids. Crystal Growth and Design, 2011, 11, 5221-5226.	1.4	61
130	Quasiemulsion-Templated Formation of Fe ₂ O ₃ Hollow Spheres with Enhanced Lithium Storage Properties. Journal of the American Chemical Society, 2011, 133, 17146-17148.	6.6	750
131	TiO ₂ hollow spheres with large amount of exposed (001) facets for fast reversible lithium storage. Journal of Materials Chemistry, 2011, 21, 1677-1680.	6.7	182
132	Fast Formation of SnO ₂ Nanoboxes with Enhanced Lithium Storage Capability. Journal of the American Chemical Society, 2011, 133, 4738-4741.	6.6	521
133	Synthesis of novel SnO ₂ quantum cubes and their selfassembly. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 269-272.	0.4	0
134	Fabrication and characterization of magnetic Fe ₃ O ₄ /CNT composites. Journal of Physics and Chemistry of Solids, 2010, 71, 673-676.	1.9	82
135	Carbon dioxide-assisted fabrication of self-organized tubular carbon micropatterns on silicon substrates. Carbon, 2010, 48, 1465-1472.	5.4	14
136	Shape-Control and Characterization of Magnetite Prepared via a One-Step Solvothermal Route. Crystal Growth and Design, 2010, 10, 2863-2869.	1.4	53
137	Engineering Nonspherical Hollow Structures with Complex Interiors by Template-Engaged Redox Etching. Journal of the American Chemical Society, 2010, 132, 16271-16277.	6.6	241
138	One-pot synthesis of uniform carbon-coated MoO ₂ nanospheres for high-rate reversible lithium storage. Chemical Communications, 2010, 46, 6906.	2.2	185
139	Synthesis and luminescence behavior of inorganic-organic hybrid materials covalently bound with pyran-containing dyes. Journal of Sol-Gel Science and Technology, 2009, 52, 362-369.	1.1	16
140	Effect of pH values on photocatalytic properties of Bi ₂ WO ₆ synthesized by hydrothermal method. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 533-536.	0.4	12
141	Sonochemical synthesis of core/shell structured CdS/TiO ₂ nanocrystals composites. Journal Wuhan University of Technology, Materials Science Edition, 2009, 24, 698-701.	0.4	4
142	Characterizations of Al ₂ O ₃ /Y thin film composite anode materials for lithium-ion batteries. Electrochemistry Communications, 2009, 11, 1179-1182.	2.3	26
143	Effect of pendant group on the second-order optical nonlinearity of sol-gel films. Journal of Sol-Gel Science and Technology, 2008, 47, 252-259.	1.1	1
144	A general strategy for synthesis of silver dendrites by galvanic displacement under hydrothermal conditions. Journal of Physics and Chemistry of Solids, 2008, 69, 1296-1300.	1.9	48

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145	Carbon Nanotube Templated Synthesis of CeF ₃ Nanowires. Chemistry of Materials, 2007, 19, 3364-3366.	3.2	29
146	Hybrid Nonlinear Optical Materials Containing Imidazole Chromophore through the Sol-Gel Process. Macromolecular Rapid Communications, 2007, 28, 2019-2023.	2.0	21
147	Synthesis of double-walled carbon nanotubes from coal in hydrogen-free atmosphere. Fuel, 2007, 86, 282-286.	3.4	55
148	Water-assisted fabrication of aligned microsized carbon tubes made of self-assembled multi-wall carbon nanotubes. Chemical Communications, 2006, , 594-596.	2.2	23
149	Synthesis of branched carbon nanotubes from coal. Carbon, 2006, 44, 1321-1324.	5.4	52
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