Weixin Zhang

List of Publications by Year
in descending order

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153	6,531	61857	76769
papers	citations	43 h-index	74 g-index

157	157	157	7997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Constructing P-CoMoO4@NiCoP heterostructure nanoarrays on Ni foam as efficient bifunctional electrocatalysts for overall water splitting. Nano Materials Science, 2023, 5, 278-286.	3.9	18
2	Sandwich-like solid composite electrolytes employed as bifunctional separators for safe lithium metal batteries with excellent cycling performance. Journal of Materials Chemistry A, 2022, 10, 4660-4670.	5.2	6
3	Exfoliating spent cathode materials with robust interlayer interactions into atomic-thin nanosheets for boosting the oxygen evolution reaction. Journal of Materials Chemistry A, 2022, 10, 3359-3372.	5.2	11
4	Lithium hydroxyphenyl propanesulfonate imparts composite solid polymer electrolytes with ultrahigh ionic conductivity for dendrite free lithium batteries. Chemical Engineering Journal, 2022, 435, 134775.	6.6	12
5	Ca/Ni Codoping Enables the Integration of High-Rate and High-Capacity Zn-Ion Storage Performances for Layered Hydrated Vanadate. Industrial & Engineering Chemistry Research, 2022, 61, 4212-4221.	1.8	4
6	Recycle cathode materials from spent lithium-ion batteries by an innovative method. Ionics, 2022, 28, 2135-2141.	1.2	3
7	Beyond conventional sodium-ion storage mechanisms: a combinational intercalation/conversion reaction mechanism in Ni-ion modified hydrated vanadate for high-rate sodium-ion storage. Energy Storage Materials, 2022, 47, 579-590.	9.5	17
8	Double-Layer Solid Composite Electrolytes Enabling Improved Room-Temperature Cycling Performance for High-Voltage Lithium Metal Batteries. ACS Omega, 2022, 7, 994-1002.	1.6	9
9	Coupling High Rate Capability and High Capacity in an Intercalation-Type Sodium-Ion Hybrid Capacitor Anode Material of Hydrated Vanadate via Interlayer-Cation Engineering. ACS Applied Materials & Interfaces, 2022, 14, 17547-17559.	4.0	4
10	Modification of LiNi0.8Co0.1Mn0.1 cathode with Al-Screened LiPO3 to enhance interfacial stability and ionic dynamics. Chemical Engineering Journal, 2022, 446, 137051.	6.6	6
11	Preferential Co substitution on Ni sites in Niâ€“Fe oxide arrays enabling large-current-density alkaline oxygen evolution. Chemical Science, 2022, 13, 7332-7340.	3.7	7
12	PVP-bridged Î³-LiAlO2 nanolayer on Li1.2Ni0.182Co0.08Mn0.538O2 cathode materials for improving the rate capability and cycling stability. Chemical Engineering Science, 2021, 229, 116126.	1.9	25
13	Ultrafine Ni nanoparticles anchored on carbon nanofibers as highly efficient bifunctional air electrodes for flexible solid-state zinc-air batteries. Journal of Colloid and Interface Science, 2021, 588, 627-636.	5.0	23
14	Electric field driven de-lithiation: A strategy towards comprehensive and efficient recycling of electrode materials from spent lithium ion batteries. Applied Catalysis B: Environmental, 2021, 283, 119634.	10.8	74
15	Thermally activated carbonâ€“nitrogen vacancies in double-shelled NiFe Prussian blue analogue nanocages for enhanced electrocatalytic oxygen evolution. Journal of Materials Chemistry A, 2021, 9, 12734-12745.	5.2	25
16	Recent advances in high performance conducting solid polymer electrolytes for lithium-ion batteries. Journal of Power Sources, 2021, 486, 229378.	4.0	39
17	Ultrathin NiMn-LDH nanosheet structured electrocatalyst for enhanced electrocatalytic urea oxidation. Applied Catalysis A: General, 2021, 614, 118049.	2.2	36
18	Novel hierarchical yolk-shell Î±-Ni(OH)2/Mn2O3 microspheres as high specific capacitance electrode materials for supercapacitors. Frontiers of Chemical Science and Engineering, 2021, 15, 1322-1331.	2.3	2

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19	Recent Advances of Mesoscale-Structured Cathode Materials for High Energy Density Lithium-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 2962-2975.	2.5	10
20	An integrated highly stable anode enabled by carbon nanotube-reinforced all-carbon binder for enhanced performance in lithium-ion battery. Carbon, 2021, 182, 749-757.	5.4	9
21	Nickel nanoparticles modified MnO nanosheet arrays for high-performance supercapacitor with long-lasting and sustainable capacitance increase. Electrochimica Acta, 2021, 383, 138353.	2.6	6
22	Fast and highly reversible Na+ intercalation/extraction in Zn/Mg dual-doped P2-Na0.67MnO2 cathode material for high-performance Na-ion batteries. Nano Research, 2021, 14, 3531-3537.	5.8	35
23	Engineering superhydrophilic/superaerophobic hierarchical structures of Co-CH@NiFe-LDH/NF to boost the oxygen evolution reaction. Chemical Engineering Journal, 2021, 422, 130123.	6.6	62
24	Solid-state polymer electrolytes with polypropylene separator-reinforced sandwich structure for room-temperature lithium ion batteries. Journal of Membrane Science, 2021, 638, 119713.	4.1	24
25	Novel conducting solid polymer electrolytes with a zwitterionic structure boosting ionic conductivity and retarding lithium dendrite formation. Journal of Materials Chemistry A, 2021, 9, 22878-22891.	5.2	11
26	Oriented Catalytic Oxidation Induced Fabrication of CuO/Mn 3 O 4 Hierarchical Arrays as Binderâ€Free Electrodes for Highâ€Performance Supercapacitor. Advanced Materials Interfaces, 2021, 8, 2101076.	1.9	2
27	Ultrahigh Capacity Retention of a Li₂ZrO₃-Coated Ni-Rich LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ Cathode Material through Covalent Interfacial Engineering. ACS Applied Energy Materials, 2021, 4, 13785-13795.	2.5	16
28	Construction of a hetero-epitaxial nanostructure at the interface of Li-rich cathode materials to boost their rate capability and cycling performances. Nanoscale, 2021, 13, 20488-20497.	2.8	9
29	A review on cathode materials for advanced lithium ion batteries: microstructure designs and performance regulations. Nanotechnology, 2020, 31, 012001.	1.3	45
30	Oriented-Redox Induced Uniform MnO₂ Coating on Ni₃S₂ Nanorod Arrays as a Stable Anode for Enhanced Performances of Lithium Ion Battery. Langmuir, 2020, 36, 13555-13562.	1.6	10
31	Multi-shelled Ni6MnO8 hollow microspheres for high-performance supercapacitors. Materials Research Express, 2020, 7, 065502.	0.8	3
32	CoP Microscale Prism-like Superstructure Arrays on Ni Foam as an Efficient Bifunctional Electrocatalyst for Overall Water Splitting. Inorganic Chemistry, 2020, 59, 8522-8531.	1.9	38
33	Instant Postsynthesis Aqueous Dispersion of Sb-Doped SnO₂ Nanocrystals: The Synergy between Small-Molecule Amine and Sb Dopant Ratio. ACS Applied Materials & Interfaces, 2020, 12, 29937-29945.	4.0	3
34	Effects of gradient concentration on the microstructure and electrochemical performance of LiNi0.6Co0.2Mn0.2O2 cathode materials. Frontiers of Chemical Science and Engineering, 2020, 14, 988-996.	2.3	10
35	Ostensibly phosphatized NiAl LDHs nanoflowers with remarkable charge storage property for asymmetric supercapacitors. Journal of Colloid and Interface Science, 2020, 577, 115-126.	5.0	68
36	Surface-Restructured Core/Shell NiO@Co₃O₄ Nanocomposites as Efficient Catalysts for the Oxygen Evolution Reaction. Industrial & Engineering Chemistry Research, 2019, 58, 16581-16587.	1.8	18

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37	Near-Equilibrium Control of Li₂TiO₃ Nanoscale Layer Coated on LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ Cathode Materials for Enhanced Electrochemical Performance. Inorganic Chemistry, 2019, 58, 15498-15506.	1.9	21
38	A phosphatized NiCo LDH 1D dendritic electrode for high energy asymmetric supercapacitors. Dalton Transactions, 2019, 48, 14853-14863.	1.6	48
39	Ni/ZnO heterostructured microspheres: electronic structure engineering for enhanced photocatalytic activity. Materials Research Express, 2019, 6, 0850e5.	0.8	0
40	An effective etching-induced coating strategy to shield LiNi0.8Co0.1Mn0.1O2 electrode materials by LiAlO2. Journal of Power Sources, 2019, 412, 246-254.	4.0	144
41	ZnMn₂O₄ nanorods: an effective Fenton-like heterogeneous catalyst with t_{2g}³e_g¹ electronic configuration. Catalysis Science and Technology, 2018, 8, 2557-2566.	2.1	23
42	A fluoride ion-mediated continuous etchingâ€“redeposition strategy to synthesize Si nanocomposites with appropriate SiO₂ coating layers for Li-ion batteries. Chemical Communications, 2018, 54, 12447-12450.	2.2	16
43	Sequential precipitation induced interdiffusion: a general strategy to synthesize microtubular materials for high performance lithium ion battery electrodes. Journal of Materials Chemistry A, 2018, 6, 18430-18437.	5.2	12
44	Stepwise co-precipitation to the synthesis of urchin-like NiCo2O4 hollow nanospheres as high performance anode material. Journal of Applied Electrochemistry, 2018, 48, 1095-1104.	1.5	9
45	Hierarchical micro/nanostructured WO3 with structural water for high-performance pseudocapacitors. Journal of Alloys and Compounds, 2018, 765, 489-496.	2.8	22
46	A facile synthetic protocol to construct 1D Zn-Mn-Oxide nanostructures with tunable compositions for high-performance lithium storage. Journal of Alloys and Compounds, 2017, 720, 376-382.	2.8	18
47	Aluminum and fluorine co-doping for promotion of stability and safety of lithium-rich layered cathode material. Electrochimica Acta, 2017, 236, 171-179.	2.6	75
48	In-situ preparation of Fe2O3 hierarchical arrays on stainless steel substrate for high efficient catalysis. Journal of Solid State Chemistry, 2017, 246, 278-283.	1.4	8
49	Hydrolysis-Coupled Redox Reaction to 3D Cu/Fe₃O₄ Nanorod Array Electrodes for High-Performance Lithium-Ion Batteries. Inorganic Chemistry, 2017, 56, 7657-7667.	1.9	17
50	A highly atom-efficient strategy to synthesize reduced graphene oxide-Mn3O4 nanoparticles composites for supercapacitors. Journal of Alloys and Compounds, 2016, 685, 949-956.	2.8	42
51	An efficient route to Cu2O nanorod array film for high-performance Li-ion batteries. Thin Solid Films, 2016, 608, 79-87.	0.8	16
52	Synthesis of Ti³⁺ self-doped TiO₂ nanocrystals based on Le Chatelier's principle and their application in solar light photocatalysis. RSC Advances, 2016, 6, 74376-74383.	1.7	31
53	Kinetically Controlled Synthesis of LiNi_{0.5}Mn_{1.5}O₄ Micro- and Nanostructured Hollow Spheres as High-Rate Cathode Materials for Lithium Ion Batteries. Industrial & Engineering Chemistry Research, 2016, 55, 9352-9361.	1.8	25
54	pH-controlled assembly of three-dimensional tungsten oxide hierarchical nanostructures for catalytic oxidation of cyclohexene to adipic acid. CrystEngComm, 2016, 18, 8688-8695.	1.3	19

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55	A galvanic replacement reaction to synthesise metal/ZnO heterostructured films on zinc substrates for enhanced photocatalytic performance. RSC Advances, 2016, 6, 103594-103600.	1.7	8
56	A General and Mild Approach to Controllable Preparation of Manganeseâ€Based Microâ€•and Nanostructured Bars for High Performance Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2016, 55, 3667-3671.	7.2	89
57	A Green Route to Cyclohexanone: Selective Oxidation of Cyclohexanol Promoted by Non-precious Catalyst of h-WO3 Nanorods. Catalysis Letters, 2016, 146, 1283-1290.	1.4	9
58	A General and Mild Approach to Controllable Preparation of Manganeseâ€Based Microâ€•and Nanostructured Bars for High Performance Lithiumâ€Ion Batteries. Angewandte Chemie, 2016, 128, 3731-3735.	1.6	5
59	In-situ design and construction of lithium-ion battery electrodes on metal substrates with enhanced performances: A brief review. Chinese Journal of Chemical Engineering, 2016, 24, 48-52.	1.7	7
60	A novel process to recycle spent LiFePO4 for synthesizing LiFePO4/C hierarchical microflowers. Electrochimica Acta, 2016, 190, 134-140.	2.6	140
61	Large-scale synthesis of self-assembled ultralong cannonite nanobelt film as a visible-light photocatalyst. RSC Advances, 2015, 5, 8537-8543.	1.7	12
62	Selfâ€Sustained Cycle of Hydrolysis and Etching at Solution/Solid Interfaces: A General Strategy To Prepare Metal Oxide Microâ€/Nanostructured Arrays for Highâ€Performance Electrodes. Angewandte Chemie - International Edition, 2015, 54, 3932-3936.	7.2	34
63	A novel hydrolytic reaction to morphology-controlled TiO₂ micro/nanostructures for enhanced photocatalytic performances. RSC Advances, 2015, 5, 43630-43638.	1.7	8
64	Templateâ€free synthesis of singleâ€/doubleâ€walled TiO₂ nanovesicles: Potential photocatalysts for engineering application. AICHE Journal, 2015, 61, 1478-1482.	1.8	4
65	A new lithium-ion battery: CuO nanorod array anode versus spinel LiNi0.5Mn1.5O4 cathode. Journal of Power Sources, 2015, 273, 561-565.	4.0	49
66	Controllable preparation of multishelled NiO hollow nanospheres via layer-by-layer self-assembly for supercapacitor application. Journal of Power Sources, 2014, 246, 24-31.	4.0	232
67	Hydrothermal synthesis of Fe5(PO4)4(OH)3Â·2H2O microflowers for fabricating high-performance LiFePO4/C composites. Ionics, 2014, 20, 653-658.	1.2	10
68	Facile synthesis of Î±-MnO2 micronests composed of nanowires and their enhanced adsorption to Congo red. Frontiers of Chemical Science and Engineering, 2014, 8, 64-72.	2.3	15
69	Chemical replacement route to Cu2â”xSe-coated CuO nanotube array anode for enhanced performance in lithium ion batteries. Journal of Materials Chemistry A, 2014, 2, 5800.	5.2	26
70	Solvothermal Synthesis of Hierarchical LiFePO₄ Microplates with Exposed (010) Faces as Cathode Materials for Lithium Ion Batteries. Industrial & Engineering Chemistry Research, 2014, 53, 12209-12215.	1.8	30
71	An Outward Coating Route to CuO/MnO₂ Nanorod Array Films and Their Efficient Catalytic Oxidation of Acid Fuchsin Dye. Industrial & Engineering Chemistry Research, 2014, 53, 9608-9615.	1.8	27
72	One-Pot Room Temperature Synthesis of Cu₂O/Ag Composite Nanospheres with Enhanced Visible-Light-Driven Photocatalytic Performance. Industrial & Engineering Chemistry Research, 2014, 53, 16316-16323.	1.8	74

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73	An improved solid-state reaction route to Mg2+-doped LiFePO4/C cathode material for Li-ion battery. Ionics, 2014, 20, 169-174.	1.2	25
74	A Replacement Etching Route to CuSe with a Hierarchical Hollow Structure for Enhanced Performance in Lithium Ion Batteries. Journal of Electronic Materials, 2014, 43, 359-368.	1.0	30
75	Stepwise co-precipitation to synthesize LiNi1/3Co1/3Mn1/3O2 one-dimensional hierarchical structure for lithium ion batteries. Journal of Power Sources, 2014, 272, 144-151.	4.0	78
76	Facile synthesis of mesoporous MnO2/C spheres for supercapacitor electrodes. Chemical Engineering Journal, 2014, 242, 397-403.	6.6	34
77	Vertically aligned tungsten oxide nanorod film with enhanced performance in photoluminescence humidity sensing. Sensors and Actuators B: Chemical, 2014, 202, 708-713.	4.0	27
78	Controlled hydrothermal growth and optical characterization of wide band gap Be x Zn1â^'x O nanorod arrays. Journal of Materials Science, 2013, 48, 3936-3942.	1.7	2
79	Oriented attachment growth of ultra-long Ag2Se crystalline nanowires via water evaporation-induced self-assembly. CrystEngComm, 2013, 15, 5127.	1.3	18
80	An optical humidity sensor based on Ag nanodendrites. Applied Surface Science, 2013, 280, 920-925.	3.1	8
81	Nanostructured Li3V2(PO4)3 cathode supported on reduced graphene oxide for lithium-ion batteries. Journal of Power Sources, 2013, 239, 475-482.	4.0	87
82	Facile microemulsion synthesis of porous CuO nanosphere film and its application in lithium ion batteries. Electrochimica Acta, 2013, 113, 63-68.	2.6	35
83	Cosurfactant-mediated microemulsion to free-standing hierarchical CuO arrays on copper substrates as anodes for lithium-ion batteries. Journal of Materials Chemistry A, 2013, 1, 14368.	5.2	39
84	Different types of MnO2 recovered from spent LiMn2O4 batteries and their application in electrochemical capacitors. Journal of Materials Science, 2013, 48, 2512-2519.	1.7	16
85	A carbothermal reduction method for enhancing the electrochemical performance of LiFePO4/C composite cathode materials. Ionics, 2013, 19, 235-243.	1.2	8
86	A chemical etching route to controllable fabrication of TiO2 hollow nanospheres for enhancing their photocatalytic activity. Frontiers of Chemical Science and Engineering, 2013, 7, 192-201.	2.3	3
87	A Novel Approach to Wellâ€Aligned <scp>TiO</scp>₂ Nanotube Arrays and Their Enhanced Photocatalytic Performances. AIChE Journal, 2013, 59, 2134-2144.	1.8	22
88	Preparation of mesoporous MnO2/C catalyst for n-hexyl acetate synthesis. Applied Surface Science, 2012, 258, 4756-4763.	3.1	15
89	Hydrothermal synthesis of morphology-controlled LiFePO4 cathode material for lithium-ion batteries. Journal of Power Sources, 2012, 220, 317-323.	4.0	82
90	Nanostructured hollow spheres of hydroxyapatite: preparation and potential application in drug delivery. Frontiers of Chemical Science and Engineering, 2012, 6, 246-252.	2.3	18

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91	Replacement/Etching Route to ZnSe Nanotube Arrays and Their Enhanced Photocatalytic Activities. Industrial & Engineering Chemistry Research, 2012, 51, 4208-4214.	1.8	75
92	New strategy to the controllable synthesis of CuInS2 hollow nanospheres and their applications in lithium ion batteries. Journal of Solid State Chemistry, 2012, 186, 58-63.	1.4	19
93	Water-evaporation-induced self-assembly of Î±-MnO2 hierarchical hollow nanospheres and their applications in ammonia gas sensing. Sensors and Actuators B: Chemical, 2012, 162, 292-299.	4.0	47
94	An inward replacement/etching route to controllable fabrication of zinc sulfide nanotube arrays for humidity sensing. Sensors and Actuators B: Chemical, 2012, 165, 62-67.	4.0	24
95	Facile synthesis of CuO hollow nanospheres assembled by nanoparticles and their electrochemical performance. Applied Surface Science, 2011, 258, 1317-1321.	3.1	39
96	Solvothermal synthesis of hierarchical LiFePO4 microflowers as cathode materials for lithium ion batteries. Journal of Power Sources, 2011, 196, 10176-10182.	4.0	37
97	An optical humidity sensor based on Li3PO4 hollow nanospheres. Sensors and Actuators B: Chemical, 2011, 155, 226-231.	4.0	19
98	Hierarchical Selfâ€assembly of Microscale Cogâ€like Superstructures for Enhanced Performance in Lithiumâ€Ion Batteries. Advanced Functional Materials, 2011, 21, 3516-3523.	7.8	98
99	Lithium-Ion Batteries: Hierarchical Self-assembly of Microscale Cog-like Superstructures for Enhanced Performance in Lithium-Ion Batteries (Adv. Funct. Mater. 18/2011). Advanced Functional Materials, 2011, 21, 3398-3398.	7.8	2
100	Enhanced performance of LiFePO4 through hydrothermal synthesis coupled with carbon coating and cupric ion doping. Electrochimica Acta, 2011, 56, 5667-5672.	2.6	56
101	A chemical lithography route to Bi2S3 nanotubes. Applied Surface Science, 2011, 257, 6239-6242.	3.1	12
102	Î²-MnO2 nanorods: A new and efficient catalyst for isoamyl acetate synthesis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 356, 134-139.	2.3	17
103	Large-Scale Synthesis and Phase Transformation of CuSe, CuInSe₂, and CuInSe₂/CuInS₂ Core/Shell Nanowire Bundles. ACS Nano, 2010, 4, 1845-1850.	7.3	105
104	Largeâ€Scale Synthesis of Long Crystalline Cu_{2â€x}Se Nanowire Bundles by Waterâ€Evaporationâ€Induced Selfâ€Assembly and Their Application in Gas Sensing. Advanced Functional Materials, 2009, 19, 1759-1766.	7.8	137
105	Controlled synthesis of cuprous oxide nanospheres and copper sulfide hollow nanospheres. Journal of Physics and Chemistry of Solids, 2009, 70, 840-846.	1.9	34
106	Synthesis and ammonia sensing property of Ag3CuS2 nanocages obtained from Cu7S4 18-facet hollow nanopolyhedra. Journal of Crystal Growth, 2009, 311, 3347-3351.	0.7	7
107	Fabrication of Architectures with Dual Hollow Structures: Arrays of Cu₂O Nanotubes Organized by Hollow Nanospheres. Crystal Growth and Design, 2009, 9, 4524-4528.	1.4	34
108	An inward replacement/etching route to synthesize double-walled Cu7S4 nanoboxes and their enhanced performances in ammonia gas sensing. Physical Chemistry Chemical Physics, 2009, 11, 6263.	1.3	59

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109	In Situ Fabrication of Inorganic Nanowire Arrays Grown from and Aligned on Metal Substrates. Accounts of Chemical Research, 2009, 42, 1617-1627.	7.6	95
110	Fabrication and optical properties of ZnO nanostructured thin films via mechanical oscillation and hydrothermal method. Thin Solid Films, 2008, 516, 5974-5980.	0.8	15
111	Lithography inside Cu(OH)2 Nanorods:â€‰ A General Route to Controllable Synthesis of the Arrays of Copper Chalcogenide Nanotubes with Double Walls. Inorganic Chemistry, 2008, 47, 699-704.	1.9	48
112	Preparation and optical properties of Cu2O hollow microsphere film and hollow nanosphere powder via a simple liquid reduction approach. Applied Surface Science, 2007, 253, 6063-6067.	3.1	25
113	Promotion of H2O2 decomposition activity over Î²-MnO2 nanorod catalysts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 304, 60-66.	2.3	61
114	Mesoscale organization of Cu7S4 nanowires: Formation of novel sheath-like nanotube array. Chemical Physics Letters, 2007, 434, 256-259.	1.2	28
115	Controlled synthesis of CuO nanostructures by a simple solution route. Journal of Solid State Chemistry, 2007, 180, 1390-1396.	1.4	127
116	Hydrothermal synthesis of crystalline Î±-/Î²-MnO2 nanorods via Î³-MnOOH nanorod precursors. Frontiers of Chemical Engineering in China, 2007, 1, 365-371.	0.6	3
117	Large-scale synthesis of Î²-MnO2 nanorods and their rapid and efficient catalytic oxidation of methylene blue dye. Catalysis Communications, 2006, 7, 408-412.	1.6	183
118	Synthesis of porous and hollow microspheres of nanocrystalline Mn2O3. Chemical Physics Letters, 2006, 418, 46-49.	1.2	58
119	Nanorods of manganese oxides: Synthesis, characterization and catalytic application. Journal of Solid State Chemistry, 2006, 179, 679-684.	1.4	172
120	Growth of novel nanostructured copper oxide (CuO) films on copper foil. Journal of Crystal Growth, 2006, 291, 479-484.	0.7	79
121	Weak Ferromagnetism and Dynamic Magnetic Behavior in a Single End-to-End Azide-Bridged Nickel(II) Chain. Advanced Materials, 2006, 18, 2852-2856.	11.1	92
122	Effects of light illumination on field emission from CuO nanobelt arrays. Applied Physics Letters, 2005, 86, 151107.	1.5	44
123	Photoelectrochemistry of Pure and Core/Sheath Nanowire Arrays of Cu[sub 2]S Directly Grown on Copper Electrodes. Journal of the Electrochemical Society, 2005, 152, G220.	1.3	18
124	Synthesis and characterization of nanostructured Li2MnO3 from nanostructured MnOOH precursors. Solid State Communications, 2004, 131, 441-445.	0.9	20
125	Controlled synthesis of Mn3O4 nanocrystallites and MnOOH nanorods by a solvothermal method. Journal of Crystal Growth, 2004, 263, 394-399.	0.7	172
126	Single-Crystalline Scroll-Type Nanotube Arrays of Copper Hydroxide Synthesized at Room Temperature. Advanced Materials, 2003, 15, 822-825.	11.1	336

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127	Synthesis and Characterization of Uniform Arrays of Copper Sulfide Nanorods Coated with Nanolayers of Polypyrrole. Langmuir, 2003, 19, 4420-4426.	1.6	110
128	Controlled Reactions on a Copper Surface:â€‰ Synthesis and Characterization of Nanostructured Copper Compound Films. Inorganic Chemistry, 2003, 42, 5005-5014.	1.9	202
129	Synthesis of Cu(OH)2and CuO Nanoribbon Arrays on a Copper Surface. Langmuir, 2003, 19, 5898-5903.	1.6	233
130	Effect of structural parameter on field emission properties of semiconducting copper sulphide nanowire films. Journal of Applied Physics, 2003, 93, 1774-1777.	1.1	39
131	Temperature dependence of field emission from cupric oxide nanobelt films. Applied Physics Letters, 2003, 83, 746-748.	1.5	165
132	Solution Phase Synthesis of Cu(OH)2Nanoribbons by Coordination Self-Assembly Using Cu2S Nanowires as Precursors. Nano Letters, 2002, 2, 1397-1401.	4.5	192
133	Gallium nitride synthesis from sodium azide using iodine as a heat sink and diluent. Chemical Physics Letters, 2002, 351, 229-234.	1.2	24
134	Hydrothermal synthesis of marcasite iron ditelluride FeTe2 nanorods at low temperature. Materials Letters, 2001, 47, 367-370.	1.3	12
135	Synthesis and Characterization of CdIn2S4Nanorods by Converting CdS Nanorods via the Hydrothermal Route. Inorganic Chemistry, 2001, 40, 3130-3133.	1.9	46
136	Low temperature growth of bismuth sulfide nanorods by a hydrothermal method. Solid State Communications, 2001, 119, 143-146.	0.9	31
137	Synthesis of nanocrystalline marcasite iron ditelluride FeTe2 in aqueous solution. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 79, 244-246.	1.7	12
138	A Simple Synthesis of Nanocrystalline Binary Metal Chalcogenides in Alkaline Aqueous Solution. Journal of Solid State Chemistry, 2001, 161, 184-189.	1.4	11
139	Solvothermal route to Bi₃Se₄ nanorods at low temperature. Journal of Materials Research, 2001, 16, 3361-3365.	1.2	14
140	Room Temperature Synthesis of Cubic Nanocrystalline CdSe in Aqueous Solution. Journal of Solid State Chemistry, 2000, 151, 241-244.	1.4	24
141	Room temperature growth of nanocrystalline tin (II) selenide from aqueous solution. Journal of Crystal Growth, 2000, 217, 157-160.	0.7	40
142	A hydrothermal method for low-temperature growth of nanocrystalline pyrite nickel diselenide. Journal of Crystal Growth, 2000, 209, 213-216.	0.7	24
143	Synthesis of nanocrystalline Ag2S in aqueous solution. Solid State Ionics, 2000, 130, 111-114.	1.3	65
144	Synthesis of nanocrystalline lead chalcogenides PbE (E = S, Se, or Te) from alkaline aqueous solutions. Materials Research Bulletin, 2000, 35, 2009-2015.	2.7	37

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145	A hydrothermal synthesis of orthorhombic nanocrystalline cobalt diselenide CoSe2. Materials Research Bulletin, 2000, 35, 2403-2408.	2.7	48
146	A solvothermal route to wurtzite ZnSe nanoparticles. Journal of Materials Research, 2000, 15, 629-632.	1.2	27
147	A Redox Reaction To Synthesize Nanocrystalline Cu2-xSe in Aqueous Solution. Inorganic Chemistry, 2000, 39, 1838-1839.	1.9	47
148	Low temperature synthesis of nanocrystalline Mn3O4 by a solvothermal method. Solid State Ionics, 1999, 117, 331-335.	1.3	60
149	Preparation of ZnSe films through chemical solution reduction process. Materials Research Bulletin, 1999, 34, 1637-1641.	2.7	14
150	An aqueous approach to ZnSe and CdSe semiconductor nanocrystals. Materials Chemistry and Physics, 1999, 60, 99-102.	2.0	46
151	A room temperature chemical route to nanocrystalline PbS semiconductor. Materials Letters, 1999, 40, 255-258.	1.3	31
152	Field electron emission from cupric oxide-nanobelt films. , 0, , .		0
153	Polymer-Based Solid-State Electrolytes. ACS Symposium Series, 0, , 201-232.	0.5	0