

Yan-Huai Ding

List of Publications by Year in descending order

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docs citations

140
times ranked

5071
citing authors

#	ARTICLE	IF	CITATIONS
1	A new 2D carbon allotrope C ₅₆₈ as a high-capacity electrode material for lithium-ion batteries. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 385-391.	2.1	4
2	Flexible fire-resistant and heat-insulating materials fabricated using sodium titanate nanobelts. Materials Today Nano, 2022, 17, 100161.	4.6	5
3	An environmentally friendly sepiolite/Cu ₂ O/Cu ternary composite as anode material for Li-ion batteries. Ionics, 2022, 28, 1091-1098.	2.4	6
4	In-plane elastic properties of raw and doped graphene-like BSi: a first principle study. Journal of Materials Science, 2022, 57, 5050-5060.	3.7	2
5	Enhanced Electrochemical Properties of N-Doped Carbon Nanofibers by Co ₉ S ₈ Nanoparticles Derived from ZIF-67. Journal of Electronic Materials, 2022, 51, 2909-2917.	2.2	5
6	Atomistic-scale investigation of self-healing mechanism in Nano-silica modified asphalt through molecular dynamics simulation. Journal of Infrastructure Preservation and Resilience, 2022, 3, .	3.2	16
7	Influence of sea salt on the interfacial adhesion of bitumen aggregate systems by molecular dynamics simulation. Construction and Building Materials, 2022, 336, 127471.	7.2	35
8	Microstructural evolution of asphalt induced by chloride salt erosion. Construction and Building Materials, 2022, 343, 128056.	7.2	23
9	Sepiolite and ZIF-67 co-modified PAN/PVdF-HFP nanofiber separators for advanced Li-ion batteries. Nanotechnology, 2022, 33, 425601.	2.6	9
10	Gel polymer electrolyte based on hydrophilic-lipophilic TiO ₂ -modified thermoplastic polyurethane for high-performance Li-ion batteries. Journal of Materials Science, 2021, 56, 2474-2485.	3.7	16
11	TiO ₂ nanobelts with ultra-thin mixed C/SiO coating as high-performance photo/photoelectrochemical hydrogen evolution materials. Applied Surface Science, 2021, 537, 147861.	6.1	8
12	Fabrication of Aligned PI/GO Nanofibers for Battery Separators. Fibers and Polymers, 2021, 22, 30-35.	2.1	7
13	Revealing compatibility mechanism of nanosilica in asphalt through molecular dynamics simulation. Journal of Molecular Modeling, 2021, 27, 81.	1.8	38
14	Preparation and electrochemical properties of sepiolite supported Co ₃ O ₄ nanoparticles. Applied Clay Science, 2021, 203, 106020.	5.2	9
15	Synthesis of polyaniline nanowires wrapped yolk-shell structured S@RGO composite material and its improved lithium-storage performance. Ionics, 2021, 27, 2455-2464.	2.4	3
16	Structural evolution of Si-based anode materials during the lithiation reaction. Nanotechnology, 2021, 32, 315707.	2.6	2
17	Strain-engineering on mechanical and electronic properties of group IV-V two-dimensional semiconductors. Materials Research Express, 2021, 8, 105006.	1.6	2
18	Synthesis of TiO ₂ /LaFeO ₃ composites for the photoelectrochemical hydrogen evolution. Journal of Materials Science, 2021, 56, 15188-15204.	3.7	10

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19	Mechanical properties of TiO ₂ nanotubes investigated by AFM and FEM. Insight: Non-Destructive Testing and Condition Monitoring, 2021, 63, 422-426.	0.6	0
20	Graphene-like BSi as a promising anode material for Li- and Mg-ion batteries: A first principle study. Applied Surface Science, 2021, 563, 150278.	6.1	35
21	Graphene oxide wrapped magnetic nanoparticle composites induced by SiO ₂ coating with excellent regenerability. International Journal of Minerals, Metallurgy and Materials, 2021, 28, 2001-2007.	4.9	3
22	Electrospun PI@GO separators for Li-ion batteries: a possible solution for high-temperature operation. Journal of Sol-Gel Science and Technology, 2020, 94, 109-117.	2.4	8
23	Novel Sepiolite-Based Materials for Lithium and Sodium Ion Storage. Energy Technology, 2020, 8, 1901262.	3.8	12
24	Anisotropic semi-aligned PAN@PVdF-HFP separator for Li-ion batteries. Nanotechnology, 2020, 31, 435701.	2.6	13
25	Enhanced ion diffusion induced by structural transition of Li-modified borophosphene. Physical Chemistry Chemical Physics, 2020, 22, 21326-21333.	2.8	6
26	Analysis of interfacial adhesion properties of nano-silica modified asphalt mixtures using molecular dynamics simulation. Construction and Building Materials, 2020, 255, 119354.	7.2	111
27	Introducing a Porous Container and a Defect-Rich Cocatalyst Coating Over CdS Nanoparticles for Promotion of Photocatalytic Hydrogen Evolution. Catalysis Letters, 2020, 150, 3533-3541.	2.6	8
28	Lithium acetate modified PU/graphene composites as separator for advanced Li-ion batteries. Micro and Nano Letters, 2020, 15, 213-217.	1.3	5
29	Co ₉ S ₈ nanoparticles embedded into amorphous carbon as anode materials for lithium-ion batteries. Nanotechnology, 2020, 31, 235713.	2.6	28
30	V ₂ O ₃ /MoS ₂ microspheres as a high-performance anode for Li-storage. Applied Surface Science, 2020, 513, 145756.	6.1	12
31	Synthesis of Monolayer MoSe ₂ with Controlled Nucleation via Reverse-Flow Chemical Vapor Deposition. Nanomaterials, 2020, 10, 75.	4.1	15
32	Programmable Assembly of Nano-architectures through Designing Anisotropic DNA Origami Patches. Angewandte Chemie, 2020, 132, 6451-6458.	2.0	6
33	Facile synthesis of few-layer g-C ₃ N ₄ nanosheets anchored with cubic-phase CdS nanocrystals for high photocatalytic hydrogen generation activity. Journal of Alloys and Compounds, 2020, 839, 155684.	5.5	42
34	Preparation of ultrathin carbon-coated CdS nanobelts for advanced Li and Na storage. Nanotechnology, 2020, 31, 505403.	2.6	2
35	SiO _x -Modified Biocarbon Materials Derived from Shaddock Peel for Li-ion Batteries. ChemistrySelect, 2019, 4, 8614-8620.	1.5	11
36	Pre-incubated with BSA-complexed free fatty acids alters ER stress/autophagic gene expression by carboxylated multi-walled carbon nanotube exposure in THP-1 macrophages. Chinese Chemical Letters, 2019, 30, 1224-1228.	9.0	24

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37	Solid-phase synthesis of three-armed star-shaped peptoids and their hierarchical self-assembly. <i>Biopolymers</i> , 2019, 110, e23258.	2.4	27
38	Electrospun PU/PVP/GO Separator for Li-ion Batteries. <i>Fibers and Polymers</i> , 2019, 20, 961-965.	2.1	9
39	Carbon-decorated flower-like ZnO as high-performance anode materials for Li-ion batteries. <i>Ionics</i> , 2019, 25, 4129-4136.	2.4	10
40	Flexible, nonflammable and Li-dendrite resistant Na ₂ Ti ₃ O ₇ nanobelt-based separators for advanced Li storage. <i>Journal of Membrane Science</i> , 2019, 583, 190-199.	8.2	27
41	Solid-State, Low-Cost, and Green Synthesis and Robust Photochemical Hydrogen Evolution Performance of Ternary TiO ₂ /MgTiO ₃ /C Photocatalysts. <i>IScience</i> , 2019, 14, 15-26.	4.1	23
42	TiO ₂ modified hen-egg-shell-membrane as separator for Li-ion batteries. <i>Materials Research Express</i> , 2019, 6, 075512.	1.6	5
43	Sepiolite-based separator for advanced Li-ion batteries. <i>Applied Surface Science</i> , 2019, 484, 446-452.	6.1	43
44	Exposing Cu-Rich {110} Active Facets in PtCu nanostars for boosting electrochemical performance toward multiple liquid fuels electrooxidation. <i>Nano Research</i> , 2019, 12, 1147-1153.	10.4	21
45	Superior Sodium Storage of Carbon-Coated NaV ₆ O ₁₅ Nanotube Cathode: Pseudocapacitance Versus Intercalation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10631-10641.	8.0	35
46	Atomic force microscope study of the aging/rejuvenating effect on asphalt morphology and adhesion performance. <i>Construction and Building Materials</i> , 2019, 205, 642-655.	7.2	58
47	Electrospun free-standing N-doped C@SnO ₂ anode paper for flexible Li-ion batteries. <i>Materials Research Bulletin</i> , 2019, 109, 41-48.	5.2	36
48	Mechanical properties of double-layered borophene with Li-storage. <i>Materials Research Express</i> , 2019, 6, 035010.	1.6	3
49	Palmitate enhanced the cytotoxicity of ZnO nanomaterials possibly by promoting endoplasmic reticulum stress. <i>Journal of Applied Toxicology</i> , 2019, 39, 798-806.	2.8	12
50	Influence of pristine and hydrophobic ZnO nanoparticles on cytotoxicity and endoplasmic reticulum (ER) stress-autophagy-apoptosis gene expression in A549-macrophage co-culture. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 188-195.	6.0	18
51	Toxicity of ZnO nanoparticles (NPs) to THP-1 macrophages: interactions with saturated or unsaturated free fatty acids. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 291-299.	2.7	13
52	Effect of K-Doping on the Sodium-storage Performance of Sodium Vanadate Nanoplates. <i>Acta Chimica Sinica</i> , 2019, 77, 625.	1.4	4
53	Novel elastic, lattice dynamics and thermodynamic properties of metallic single-layer transition metal phosphides: 2H-M ₂ P (Mo ₂ P, W ₂ P, Nb ₂ P and) Tj ETQq1180.78434 rgBT /O		
54	Cytotoxicity and ER stress-induced apoptosis gene expression in ZnO nanoparticle exposed THP-1 macrophages: influence of pre-incubation with BSA or palmitic acids complexed to BSA. <i>RSC Advances</i> , 2018, 8, 15380-15388.	3.6	14

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55	Internalization, cytotoxicity, oxidative stress and inflammation of multi-walled carbon nanotubes in human endothelial cells: influence of pre-incubation with bovine serum albumin. RSC Advances, 2018, 8, 9253-9260.	3.6	20
56	Natural assembly of a ternary Ag@SnTiO ₂ photocatalyst and its photocatalytic performance under simulated sunlight. RSC Advances, 2018, 8, 13408-13416.	3.6	33
57	Designable and dynamic single-walled stiff nanotubes assembled from sequence-defined peptoids. Nature Communications, 2018, 9, 270.	12.8	85
58	Toxicity of ZnO nanoparticles (NPs) with or without hydrophobic surface coating to THP-1 macrophages: interactions with BSA or oleate-BSA. Toxicology Mechanisms and Methods, 2018, 28, 520-528.	2.7	7
59	Electrospun PU@GO separators for advanced lithium ion batteries. Journal of Membrane Science, 2018, 555, 1-6.	8.2	97
60	A study of the nanoindentation creep behavior of (La _{0.5} Ce _{0.5}) ₆₅ Al ₁₀ Co ₂₅ metallic glass based on fractional differential rheological model. Journal of Non-Crystalline Solids, 2018, 490, 50-60.	3.1	8
61	First principles study of P-doped borophene as anode materials for lithium ion batteries. Applied Surface Science, 2018, 427, 198-205.	6.1	70
62	Ferromagnetic resonance manipulation by electric fields in Ni ₈₁ Fe ₁₉ /Bi _{3.15} Nd _{0.85} Ti _{2.99} Mn _{0.01} O ₁₂ multiferroic heterostructures. Applied Physics Letters, 2018, 113, 172407.	3.3	4
63	Temperature Effect on the Mechanical Properties of Electrospun PU Nanofibers. Nanoscale Research Letters, 2018, 13, 384.	5.7	21
64	A comparative study of toxicity of TiO ₂ , ZnO, and Ag nanoparticles to human aortic smooth-muscle cells. International Journal of Nanomedicine, 2018, Volume 13, 8037-8049.	6.7	42
65	Two-dimensional phosphorus carbide as a promising anode material for lithium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 12029-12037.	10.3	60
66	Influence of bovine serum albumin pre-incubation on toxicity and ER stress-apoptosis gene expression in THP-1 macrophages exposed to ZnO nanoparticles. Toxicology Mechanisms and Methods, 2018, 28, 587-598.	2.7	11
67	Two-dimensional GeAsSe with high and unidirectional conductivity. Nanoscale, 2018, 10, 15998-16004.	5.6	7
68	Eco-friendly and effective strategy to synthesize ZnO/Ag ₂ O heterostructures and its excellent photocatalytic property under visible light. Journal of Solid State Chemistry, 2018, 268, 83-93.	2.9	25
69	Hierarchical C/SiO _x /TiO ₂ ultrathin nanobelts as anode materials for advanced lithium ion batteries. Nanotechnology, 2018, 29, 405602.	2.6	20
70	Effect of oxygen vacancies on Li-storage of anatase TiO ₂ (001) facets: a first principles study. Bulletin of Materials Science, 2018, 41, 1.	1.7	3
71	Temperature-dependent on/off PVP@TiO ₂ separator for safe Li-storage. Journal of Membrane Science, 2018, 565, 33-41.	8.2	67
72	Mechanical properties of individual core-shell-structured SnO ₂ @C nanofibers investigated by atomic force microscopy and finite element method. Science China Technological Sciences, 2018, 61, 1144-1149.	4.0	8

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73	Strain-engineering tunable electron mobility of monolayer IV-V group compounds. <i>Nanoscale</i> , 2018, 10, 16750-16758.	5.6	43
74	Ferric Oxide-reduced Graphene Oxide Composite Material: Synthesis Based on Covalent Binding and Its Lithium-Storage Property. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2018, 33, 741.	1.3	1
75	Oxygen-containing hierarchically porous carbon materials derived from wild jujube pit for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2017, 231, 417-428.	5.2	142
76	Preparation and Mechanical Properties of EP/GO Nanocomposites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 154-158.	3.7	2
77	Compressive mechanical properties of porous GO materials prepared from freeze-drying method. <i>Materials Research Express</i> , 2017, 4, 025601.	1.6	4
78	Study on mechanical properties of graphyne nanostructures by molecular dynamics simulation. <i>Materials Research Express</i> , 2017, 4, 025603.	1.6	27
79	Noble metal atoms doped phosphorene: electronic properties and gas adsorption ability. <i>Materials Research Express</i> , 2017, 4, 045703.	1.6	20
80	Switchable photoelectrochemical response controlled by ferroelectric polarization in (101)-oriented Pb(Zr _{0.2} Ti _{0.8})O ₃ thin film. <i>Materials and Design</i> , 2017, 129, 186-191.	7.0	20
81	Facile preparation of exposed {001} facet TiO ₂ nanobelts coated by monolayer carbon and its high-performance photocatalytic activity. <i>Journal of Materials Science</i> , 2017, 52, 13586-13595.	3.7	18
82	Mechanical properties of a single SnO ₂ fiber prepared from the electrospinning method. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 84, 152-157.	2.4	7
83	A new two-dimensional TeSe ₂ semiconductor: indirect to direct band-gap transitions. <i>Science China Materials</i> , 2017, 60, 747-754.	6.3	20
84	Adhesion force measurements between deep-sea soil particles and metals by in situ AFM. <i>Applied Clay Science</i> , 2017, 148, 118-122.	5.2	17
85	Strain engineering on transmission carriers of monolayer phosphorene. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 465501.	1.8	5
86	Molecular dynamics study on the relaxation properties of bilayered graphene with defects. <i>Bulletin of Materials Science</i> , 2017, 40, 1255-1261.	1.7	1
87	Embedding of Mg-doped V ₂ O ₅ nanoparticles in a carbon matrix to improve their electrochemical properties for high-energy rechargeable lithium batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17432-17441.	10.3	36
88	K-Doped Li-Rich Molybdenum-Based Oxide with Improved Electrochemical Properties for Lithium-Ion Batteries. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 4291-4298.	3.0	13
89	Water and salt permeability of monolayer graph-n-yne: Molecular dynamics simulations. <i>Carbon</i> , 2017, 123, 688-694.	10.3	12
90	Strain/stress engineering on the mechanical and electronic properties of phosphorene nanosheets and nanotubes. <i>RSC Advances</i> , 2017, 7, 51466-51474.	3.6	29

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91	Density functional theory studies on the structural and physical properties of Cu-doped anatase TiO ₂ (101) surface. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 85, 259-263.	2.7	17
92	Morphology and Mechanical Properties of Polyimide Films: The Effects of UV Irradiation on Microscale Surface. <i>Materials</i> , 2017, 10, 1329.	2.9	53
93	Mechanical characterization of PMMA by AFM nanoindentation and finite element simulation. <i>Materials Research Express</i> , 2016, 3, 115302.	1.6	8
94	A capsule-type gelled polymer electrolyte for rechargeable lithium batteries. <i>RSC Advances</i> , 2016, 6, 47833-47839.	3.6	14
95	Highly stable and self-repairing membrane-mimetic 2D nanomaterials assembled from lipid-like peptoids. <i>Nature Communications</i> , 2016, 7, 12252.	12.8	124
96	Flexible capacitive behavior of hybrid carbon materials prepared from graphene sheets. <i>Materials Research Express</i> , 2016, 3, 065006.	1.6	0
97	Study on multi-logic polarization and inverse piezoelectric effect of ferroelectric tunnel junction with a composite barrier. <i>Integrated Ferroelectrics</i> , 2016, 169, 113-123.	0.7	1
98	Preparation and electrochemical properties of LiFePO ₄ /graphene composites from tailoring graphene oxides. <i>Ionics</i> , 2016, 22, 1021-1026.	2.4	4
99	Carbon-encapsulated Mn-doped V ₂ O ₅ nanorods with long span life for high-power rechargeable lithium batteries. <i>Electrochimica Acta</i> , 2016, 192, 216-226.	5.2	36
100	Study on structure and properties of transition metal doped BiF ₃ by first-principles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 80, 125-129.	2.7	3
101	Hybrid LiV ₃ O ₈ /carbon encapsulated Li _{1.2} Mn _{0.54} Co _{0.13} Ni _{0.13} O ₂ with improved electrochemical properties for lithium ion batteries. <i>RSC Advances</i> , 2016, 6, 28729-28736.	3.6	11
102	Carbon-encapsulated LiMn ₂ O ₄ spheres prepared using a polymer microgel reactor for high-power lithium-ion batteries. <i>Journal of Power Sources</i> , 2016, 301, 376-385.	7.8	26
103	Effect of vacancy distribution on the relaxation properties of graphene: a molecular dynamics study. <i>Micro and Nano Letters</i> , 2015, 10, 693-695.	1.3	2
104	Design and Simulation of FeFET-Based Lookup Table. <i>Integrated Ferroelectrics</i> , 2015, 167, 62-68.	0.7	0
105	Simulation of FeFET-Based Basic Logic Circuits and Current Sensing Amplifier. <i>Integrated Ferroelectrics</i> , 2015, 167, 52-61.	0.7	1
106	Influence of line defects on relaxation properties of graphene: A molecular dynamics study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015, 68, 102-106.	2.7	16
107	Effect of fluorination on the performance of poly(thieno[2,3-f]benzofuran-co-benzothiadiazole) derivatives. <i>RSC Advances</i> , 2015, 5, 30145-30152.	3.6	10
108	Batwing-like polymer membrane consisting of PMMA-grafted electrospun PVdF@SiO ₂ nanocomposite fibers for lithium-ion batteries. <i>Journal of Membrane Science</i> , 2015, 495, 341-350.	8.2	81

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109	Carbon innercoated ordered porous TiO ₂ as anode materials for lithium-ion batteries. <i>Ionics</i> , 2015, 21, 1553-1559.	2.4	9
110	A hard-template process to prepare three-dimensionally macroporous polymer electrolyte for lithium-ion batteries. <i>Electrochimica Acta</i> , 2014, 121, 328-336.	5.2	35
111	Indentation size effects in the nano- and micro-hardness of a Fe-based bulk metallic glass. <i>Physica B: Condensed Matter</i> , 2014, 450, 84-89.	2.7	17
112	Intrinsic structure and friction properties of graphene and graphene oxide nanosheets studied by scanning probe microscopy. <i>Bulletin of Materials Science</i> , 2013, 36, 1073-1077.	1.7	10
113	Co-precipitation synthesis and electrochemical properties of graphene supported LiMn _{1/3} Ni _{1/3} Co _{1/3} O ₂ cathode materials for lithium-ion batteries. <i>Nanotechnology</i> , 2013, 24, 375401.	2.6	12
114	Humidity-dependant compression properties of graphene oxide foams prepared by freeze-drying technique. <i>Micro and Nano Letters</i> , 2013, 8, 66-67.	1.3	11
115	Nanoscale mechanical characterization of PMMA by AFM nanoindentation: a theoretical study on the time-dependent viscoelastic recovery. <i>Journal of Materials Science</i> , 2013, 48, 3479-3485.	3.7	10
116	Three-dimensional graphene/LiFePO ₄ nanostructures as cathode materials for flexible lithium-ion batteries. <i>Materials Research Bulletin</i> , 2013, 48, 3713-3716.	5.2	42
117	Flexible free-standing TiO ₂ /graphene/PVdF films as anode materials for lithium-ion batteries. <i>Applied Surface Science</i> , 2012, 263, 54-57.	6.1	36
118	Effect of Mg and Co co-doping on electrochemical properties of LiFePO ₄ . <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, s153-s156.	4.2	26
119	The parallel generation of 2-D Hilbert Space-filling Curve on GPU. , 2012, , .		1
120	A green approach to the synthesis of reduced graphene oxide nanosheets under UV irradiation. <i>Nanotechnology</i> , 2011, 22, 215601.	2.6	211
121	Surface adhesion properties of graphene and graphene oxide studied by colloid-probe atomic force microscopy. <i>Applied Surface Science</i> , 2011, 258, 1077-1081.	6.1	31
122	Facile synthesis of Ag/ZnO heterostructures assisted by UV irradiation: Highly photocatalytic property and enhanced photostability. <i>Materials Research Bulletin</i> , 2011, 46, 1625-1631.	5.2	62
123	Preparation of graphene/TiO ₂ anode materials for lithium-ion batteries by a novel precipitation method. <i>Materials Research Bulletin</i> , 2011, 46, 2403-2407.	5.2	40
124	Preparation of nano-structured LiFePO ₄ /graphene composites by co-precipitation method. <i>Electrochemistry Communications</i> , 2010, 12, 10-13.	4.7	326
125	Mechanical properties of nylon-6/SiO ₂ nanofibers prepared by electrospinning. <i>Materials Letters</i> , 2009, 63, 34-36.	2.6	41
126	The ionic conductivity and mechanical property of electrospun P(VdF-HFP)/PMMA membranes for lithium ion batteries. <i>Journal of Membrane Science</i> , 2009, 329, 56-59.	8.2	162

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127	Synthesis and properties of ZnO nanofibers prepared by electrospinning. Journal of Sol-Gel Science and Technology, 2009, 52, 287-290.	2.4	34
128	The morphological evolution, mechanical properties and ionic conductivities of electrospinning P(VDF-HFP) membranes at various temperatures. Ionics, 2009, 15, 731-734.	2.4	18
129	The elastic module of Ag nanowires prepared from electrochemical deposition. Journal of Alloys and Compounds, 2009, 474, 223-225.	5.5	16
130	Morphology and electrochemical properties of Al doped LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ nanofibers prepared by electrospinning. Journal of Alloys and Compounds, 2009, 487, 507-510.	5.5	61
131	Fabrication and photocatalytic property of TiO ₂ nanofibers. Journal of Sol-Gel Science and Technology, 2008, 46, 176-179.	2.4	25
132	Synthesis and electrochemical properties of LiNi _{0.375} Co _{0.25} Mn _{0.375} CrO ₂ F cathode materials prepared by sol-gel method. Materials Research Bulletin, 2008, 43, 2005-2009.	5.2	8
133	Synthesis and electrochemical properties of Co ₃ O ₄ nanofibers as anode materials for lithium-ion batteries. Materials Letters, 2008, 62, 3410-3412.	2.6	56
134	Synthesis and electrochemical properties of layered Li[Ni _{1/3} Co _{1/3} Mn _{1/3}] _{0.96} Ti _{0.04} O _{1.96} F _{0.04} as cathode material for lithium-ion batteries. Journal of Alloys and Compounds, 2008, 456, 344-347.	5.5	34
135	The morphology, structure and electrochemical properties of LiNi _{1/3} Mn _{1/3} Co _{1/3} O ₂ prepared by electrospun method. Journal of Alloys and Compounds, 2008, 462, 340-342.	5.5	26
136	AFM characterization and electrochemical property of Ag nanowires by modified AAO template method. Journal of Alloys and Compounds, 2008, 466, 479-482.	5.5	13
137	Preparation of PVdF-based electrospun membranes and their application as separators. Science and Technology of Advanced Materials, 2008, 9, 015005.	6.1	68
138	Effect of rare earth elements doping on structure and electrochemical properties of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ for lithium-ion battery. Solid State Ionics, 2007, 178, 967-971.	2.7	78
139	Structural, electrochemical and thermal properties of LiNi _{0.8-x} Co _{0.2} Ce _x O ₂ as cathode materials for lithium ion batteries. Materials Chemistry and Physics, 2006, 100, 236-240.	4.0	11