

# Ji-Peng Cheng

## List of Publications by Citations

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131  
papers

5,668  
citations

47  
h-index

71  
g-index

138  
ext. papers

6,428  
ext. citations

5.8  
avg, IF

6.05  
L-index

#	Paper	IF	Citations
131	The growth of nickel-manganese and cobalt-manganese layered double hydroxides on reduced graphene oxide for supercapacitor. <i>Electrochimica Acta</i> , <b>2016</b> , 206, 108-115	6.7	211
130	Binary Nickel-Cobalt Oxides Electrode Materials for High-Performance Supercapacitors: Influence of its Composition and Porous Nature. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 17630-40	9.5	203
129	Full synergistic contribution of electrodeposited three-dimensional NiCo <sub>2</sub> O <sub>4</sub> @MnO <sub>2</sub> nanosheet networks electrode for asymmetric supercapacitors. <i>Nano Energy</i> , <b>2016</b> , 27, 627-637	17.1	194
128	Microwave-assisted synthesis of CoAl-layered double hydroxide/graphene oxide composite and its application in supercapacitors. <i>Electrochimica Acta</i> , <b>2012</b> , 85, 248-255	6.7	165
127	Preparation of short carbon nanotubes by mechanical ball milling and their hydrogen adsorption behavior. <i>Carbon</i> , <b>2003</b> , 41, 2527-2532	10.4	128
126	Recent development of metal hydroxides as electrode material of electrochemical capacitors. <i>RSC Advances</i> , <b>2014</b> , 4, 38893-38917	3.7	127
125	Hierarchical NiCo <sub>2</sub> O <sub>4</sub> @Co-Fe LDH core-shell nanowire arrays for high-performance supercapacitor. <i>Applied Surface Science</i> , <b>2018</b> , 451, 280-288	6.7	125
124	Nickel-doped tin oxide hollow nanofibers prepared by electrospinning for acetone sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 190, 78-85	8.5	122
123	The advances of Co <sub>3</sub> O <sub>4</sub> as gas sensing materials: A review. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 686, 753-768	5.7	120
122	Electrochemistry of Selenium with Sodium and Lithium: Kinetics and Reaction Mechanism. <i>ACS Nano</i> , <b>2016</b> , 10, 8788-95	16.7	119
121	3D ternary nanocomposites of molybdenum disulfide/polyaniline/reduced graphene oxide aerogel for high performance supercapacitors. <i>Carbon</i> , <b>2016</b> , 99, 26-34	10.4	114
120	Synthesis and characterization of a nanocomposite of goethite nanorods and reduced graphene oxide for electrochemical capacitors. <i>Journal of Solid State Chemistry</i> , <b>2012</b> , 185, 191-197	3.3	111
119	Purification of CVD synthesized single-wall carbon nanotubes by different acid oxidation treatments. <i>Nanotechnology</i> , <b>2004</b> , 15, 1645-1649	3.4	103
118	Nickel-cobalt hydroxide nanoflakes conformal coating on carbon nanotubes as a supercapacitive material with high-rate capability. <i>Journal of Power Sources</i> , <b>2015</b> , 286, 438-444	8.9	102
117	Asymmetric electrochemical capacitors with high energy and power density based on graphene/CoAl-LDH and activated carbon electrodes. <i>RSC Advances</i> , <b>2013</b> , 3, 2483	3.7	100
116	Low-Temperature Combustion-Synthesized Nickel Oxide Thin Films as Hole-Transport Interlayers for Solution-Processed Optoelectronic Devices. <i>Advanced Energy Materials</i> , <b>2014</b> , 4, 1301460	21.8	97
115	Synthesis of multi-branched porous carbon nanofibers and their application in electrochemical double-layer capacitors. <i>Carbon</i> , <b>2006</b> , 44, 1425-1428	10.4	92

114	Porous cobalt oxides with tunable hierarchical morphologies for supercapacitor electrodes. <i>CrystEngComm</i> , <b>2012</b> , 14, 6702	3.3	90
113	A review of recent developments in tin dioxide composites for gas sensing application. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2016</b> , 44, 1-22	6.3	89
112	Transition metal oxide and graphene nanocomposites for high-performance electrochemical capacitors. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 16331-7	3.6	89
111	Incorporation of MWCNTs into leaf-like CuO nanoplates for superior reversible Li-ion storage. <i>Electrochemistry Communications</i> , <b>2010</b> , 12, 1103-1107	5.1	87
110	Fabrication and gas sensing properties of hollow core-shell SnO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> heterogeneous structures. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 587, 82-89	5.7	84
109	Influences of anion exchange and phase transformation on the supercapacitive properties of FeCo(OH) <sub>2</sub> . <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 722-723, 23-31	4.1	83
108	Enhanced performance of nickel-aluminum layered double hydroxide nanosheets/carbon nanotubes composite for supercapacitor and asymmetric capacitor. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 635, 225-232	5.7	81
107	NiAl-layered Double Hydroxide/Reduced Graphene Oxide Composite: Microwave-assisted Synthesis and Supercapacitive Properties. <i>Electrochimica Acta</i> , <b>2014</b> , 134, 309-318	6.7	77
106	Carbon nanotube synthesis and parametric study using CaCO <sub>3</sub> nanocrystals as catalyst support by CVD. <i>Materials Chemistry and Physics</i> , <b>2006</b> , 95, 5-11	4.4	73
105	Nickel-cobalt hydroxide microspheres electrodeposited on nickel cobaltite nanowires grown on Ni foam for high-performance pseudocapacitors. <i>Journal of Power Sources</i> , <b>2014</b> , 267, 610-616	8.9	71
104	Rice hull/MnFe <sub>2</sub> O <sub>4</sub> composite: preparation, characterization and its rapid microwave-assisted COD removal for organic wastewater. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 171, 634-9	12.8	69
103	Synthesis of nickel nanoparticles and carbon encapsulated nickel nanoparticles supported on carbon nanotubes. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 91-95	3.3	69
102	Dependence of Co/Fe ratios in Co-Fe layered double hydroxides on the structure and capacitive properties. <i>Electrochimica Acta</i> , <b>2016</b> , 198, 231-240	6.7	68
101	Enhanced electrochemical performance of CoAl-layered double hydroxide nanosheet arrays coated by platinum films. <i>Electrochimica Acta</i> , <b>2013</b> , 114, 68-75	6.7	68
100	Flower-like nickel-cobalt binary hydroxides with high specific capacitance: Tuning the composition and asymmetric capacitor application. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 743, 38-45	4.1	67
99	3D-architected nickel-cobalt-manganese layered double hydroxide/reduced graphene oxide composite for high-performance supercapacitor. <i>Chemical Physics Letters</i> , <b>2015</b> , 640, 5-10	2.5	63
98	Large-scale CVD synthesis of nitrogen-doped multi-walled carbon nanotubes with controllable nitrogen content on a Co <sub>x</sub> Mg <sub>1-x</sub> MoO <sub>4</sub> catalyst. <i>Diamond and Related Materials</i> , <b>2007</b> , 16, 425-430	3.5	62
97	Effect of calcination temperature on the porous structure of cobalt oxide micro-flowers. <i>CrystEngComm</i> , <b>2012</b> , 14, 1271-1276	3.3	61

96	Synthesis and ethanol sensing properties of Al-doped ZnO nanofibers. <i>Current Applied Physics</i> , <b>2013</b> , 13, 403-407	2.6	60
95	Oriented growth of ZnO nanostructures on Si and Al substrates. <i>Surface and Coatings Technology</i> , <b>2008</b> , 202, 4681-4686	4.4	58
94	Influence of component content on the capacitance of magnetite/reduced graphene oxide composite. <i>Journal of Electroanalytical Chemistry</i> , <b>2013</b> , 698, 1-8	4.1	57
93	Co-Fe layered double hydroxides nanosheets vertically grown on carbon fiber cloth for electrochemical capacitors. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 679, 277-284	5.7	56
92	Controlling the size and size distribution of magnetite nanoparticles on carbon nanotubes. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 502, 365-370	5.7	54
91	In situ growth of nickel-cobalt oxyhydroxide/oxide on carbon nanotubes for high performance supercapacitors. <i>Electrochimica Acta</i> , <b>2015</b> , 178, 439-446	6.7	53
90	Camellia pollen-derived carbon for supercapacitor electrode material. <i>Journal of Power Sources</i> , <b>2018</b> , 394, 9-16	8.9	53
89	Oriented ZnO nanoplates on Al substrate by solution growth technique. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 480, 741-746	5.7	49
88	A comparative study of Ni-Mn layered double hydroxide/carbon composites with different morphologies for supercapacitors. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 30068-30078	3.6	49
87	Research Progress of NiMn Layered Double Hydroxides for Supercapacitors: A Review. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	49
86	Fine-tuning the synthesis of ZnO nanostructures by an alcohol thermal process. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 10348-53	3.4	48
85	Anatase nanocrystals coating on silica-coated magnetite: Role of polyacrylic acid treatment and its photocatalytic properties. <i>Chemical Engineering Journal</i> , <b>2012</b> , 210, 80-86	14.7	47
84	Design and synthesis of Ni-Co and Ni-Mn layered double hydroxides hollow microspheres for supercapacitor. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 28797-28806	6.7	45
83	Template-free synthesis of hierarchical hollow NiS microspheres for supercapacitor. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 507, 290-299	9.3	44
82	Synthesis of novel multi-branched carbon nanotubes with alkali-element modified Cu/MgO catalyst. <i>Chemical Physics Letters</i> , <b>2005</b> , 409, 89-92	2.5	44
81	Nanowires/microfiber hybrid structure multicolor laser. <i>Optics Express</i> , <b>2009</b> , 17, 21813-8	3.3	43
80	In situ construction of potato starch based carbon nanofiber/activated carbon hybrid structure for high-performance electrical double layer capacitor. <i>Journal of Power Sources</i> , <b>2012</b> , 207, 199-204	8.9	41
79	Effect of reaction temperature on the amorphous-crystalline transition of copper cobalt sulfide for supercapacitors. <i>Electrochimica Acta</i> , <b>2018</b> , 271, 498-506	6.7	40

78	Synthesis of carbon nanotubes filled with Fe <sub>3</sub> C nanowires by CVD with titanate modified palygorskite as catalyst. <i>Carbon</i> , <b>2003</b> , 41, 1965-1970	10.4	39
77	Core/shell microrod arrays of NiO/Co-Fe layered double hydroxides deposited on nickel foam for energy storage and conversion. <i>Electrochimica Acta</i> , <b>2017</b> , 225, 425-434	6.7	38
76	Influence of phase and morphology on thermal conductivity of alumina particle/silicone rubber composites. <i>Applied Physics A: Materials Science and Processing</i> , <b>2014</b> , 117, 1985-1992	2.6	38
75	Preparation and magnetic properties of iron oxide and carbide nanoparticles in carbon nanotube matrix. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 455, 5-9	5.7	38
74	Nanostructured nickel-cobalt sulfide grown on nickel foam directly as supercapacitor electrodes with high specific capacitance. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 173, 317-324	4.4	37
73	Rapid growth of magnetite nanoplates by ultrasonic irradiation at low temperature. <i>Ultrasonics Sonochemistry</i> , <b>2011</b> , 18, 1038-42	8.9	36
72	Recent research of core-shell structured composites with NiCo <sub>2</sub> O <sub>4</sub> as scaffolds for electrochemical capacitors. <i>Chemical Engineering Journal</i> , <b>2020</b> , 393, 124747	14.7	36
71	Controllable in situ synthesis of Ni(OH) <sub>2</sub> and NiO films on nickel foam as additive-free electrodes for electrochemical capacitors. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 653, 88-94	5.7	35
70	Hybrid nanomaterial of NiCo(OH) nanosheets and few-layer graphene as an enhanced electrode material for supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 486, 344-350	9.3	35
69	Core-shell nanowires of NiCoO@NiCo(OH) on Ni foam with enhanced performances for supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 579, 71-81	9.3	33
68	Supercapacitive Performances of Ternary CuCoS Sulfides. <i>ACS Omega</i> , <b>2020</b> , 5, 1305-1311	3.9	33
67	Na-Rich Prussian White Cathodes for Long-Life Sodium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 16121-16129	8.3	31
66	Thermal CVD synthesis of carbon nanotubes filled with single-crystalline Cu nanoneedles at tips. <i>Diamond and Related Materials</i> , <b>2006</b> , 15, 1271-1275	3.5	30
65	Investigation of the electrical conductivity of HDPE composites filled with bundle-like MWNTs. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2009</b> , 40, 1717-1721	8.4	29
64	Catalytic chemical vapor deposition synthesis of helical carbon nanotubes and triple helices carbon nanostructure. <i>Materials Chemistry and Physics</i> , <b>2006</b> , 95, 12-15	4.4	29
63	Morphological and mechanical properties of bile salt modified multi-walled carbon nanotube/poly(vinyl alcohol) nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2007</b> , 38, 2041-2046	8.4	29
62	Recent Progress in Electromagnetic Wave Absorbers. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , <b>2011</b> , 26, 449-457	1	29
61	Combustion-process derived comparable performances of Zn-(In:Sn)-O thin-film transistors with a complete miscibility. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 132105	3.4	26

60	The Synthesis of NiCoO-MnO Core-Shell Nanowires by Electrodeposition and Its Supercapacitive Properties. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	24
59	Ultrasound sonochemical synthesis of amorphous SbS-graphene composites for sodium-ion batteries. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 404-411	9.3	23
58	Fabrication and electromagnetic performance of micro-tubular nanocomposites composed of monodisperse iron nanoparticles and carbon. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2012</b> , 324, 1745-1751	2.8	22
57	Influence of Ni/Cu ratio in nickel copper carbonate hydroxide on the phase and electrochemical properties. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 780, 147-155	5.7	22
56	Influence of crystallinity of CuCo <sub>2</sub> S <sub>4</sub> on its supercapacitive behavior. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 825, 153984	5.7	21
55	Effects of dodecyl sulfate and nitrate anions on the supercapacitive properties of $\beta$ -Co(OH) <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 615, 868-874	5.7	21
54	Preparation of porous magnetic nanocomposites using corncob powders as template and their applications for electromagnetic wave absorption. <i>Composites Science and Technology</i> , <b>2012</b> , 72, 908-914	8.6	20
53	Aligned ZnO nanorod arrays fabricated on Si substrate by solution deposition. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2006</b> , 31, 235-239	3	20
52	Superior rate-capability and long-lifespan carbon nanotube-in-nanotube@Sb <sub>2</sub> S <sub>3</sub> anode for lithium-ion storage. <i>Journal of Materials Chemistry A</i> ,	13	20
51	Formation of mixed metal sulfides of Ni <sub>x</sub> Cu <sub>1-x</sub> Co <sub>2</sub> S <sub>4</sub> for high-performance supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 836, 134-142	4.1	19
50	Effects of Co/Ni Ratio on the Supercapacitive Properties of $\beta$ -Form Hydroxides. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 2448-2456	2.3	18
49	Free-standing $\beta$ -Co(OH) <sub>2</sub> /graphene oxide thin films fabricated through delamination and reassembling of acetate anions intercalated $\beta$ -Co(OH) <sub>2</sub> and graphene oxide in water. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 468, 238-246	9.3	18
48	Controllable one-step synthesis of magnetite/carbon nanotubes composite and its electrochemical properties. <i>Applied Physics A: Materials Science and Processing</i> , <b>2012</b> , 106, 837-842	2.6	18
47	A facile method to fabricate porous Co <sub>3</sub> O <sub>4</sub> hierarchical microspheres. <i>Materials Characterization</i> , <b>2011</b> , 62, 775-780	3.9	18
46	Controllable melting and flow of $\beta$ -Sn in flexible amorphous carbon nanotubes. <i>Carbon</i> , <b>2009</b> , 47, 3122-3127	17.4	17
45	Long bundles of aligned carbon nanofibers obtained by vertical floating catalyst method. <i>Materials Chemistry and Physics</i> , <b>2004</b> , 87, 241-245	4.4	17
44	Production of carbon nanotubes with marine manganese nodule as a versatile catalyst. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 81, 73-78	5.3	16
43	Low crystalline 2D CoS <sub>x</sub> derived from cobalt carbonate hydroxide by sulfidation at room temperature for supercapacitor. <i>Electrochimica Acta</i> , <b>2018</b> , 286, 14-21	6.7	15

42	CoO microspheres and metallic Co evolved from hexagonal $\beta$ -Co(OH) plates in a hydrothermal process for lithium storage and magnetic applications. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 20, 595-604	3.6	14
41	Solvent sensors based on amorphous ZnSnO thin-film transistors. <i>RSC Advances</i> , <b>2015</b> , 5, 28242-28246	3.7	13
40	Synthesis of single-phase CuCoNiS for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 284-293	9.3	13
39	TEM characterization of metal and metal oxide particles supported by multi-wall carbon nanotubes. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 4523-4531	4.3	13
38	CoOOH ultrafine nanoparticles for supercapacitors. <i>RSC Advances</i> , <b>2016</b> , 6, 70947-70951	3.7	12
37	Effect of ferric ions on the morphology and size of magnetite nanocrystals synthesized by ultrasonic irradiation. <i>Crystal Research and Technology</i> , <b>2011</b> , 46, 723-730	1.3	12
36	Evolution of cobalt hydroxide from 2D microplatelets to a 3D hierarchical structure mediated by precursor concentration. <i>RSC Advances</i> , <b>2013</b> , 3, 13304	3.7	11
35	Electron Tomography of Au-Catalyzed Semiconductor Nanowires. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 1059-1063	3.8	10
34	Fast in situ synthesis of CoFe layered double hydroxide onto multi-layer graphene for electrochemical capacitors. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 1037-1045	2.6	9
33	Thermal conductivity of poly vinylidene fluoride composites filled with expanded graphite and carbon nanotubes. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 1697-1702	2.9	9
32	One-step synthesis of copper-cobalt carbonate hydroxide microsphere for electrochemical capacitors with superior stability. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 807, 10-18	4.1	9
31	Conformal coatings of NiCo <sub>2</sub> O <sub>4</sub> nanoparticles and nanosheets on carbon nanotubes for supercapacitor electrodes. <i>Ceramics International</i> , <b>2021</b> ,	5.1	9
30	One-step synthesis of ultra-small Fe <sub>2</sub> O <sub>3</sub> nanoparticles on carbon nanotubes at a low temperature as a high-performance anode for supercapacitors. <i>Ionics</i> , <b>2020</b> , 26, 5211-5219	2.7	8
29	Preparation of NiCo <sub>2</sub> O <sub>4</sub> @CoS heterojunction composite as electrodes for high-performance supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 891, 115257	4.1	8
28	Iridium Doping Boosting the Electrochemical Performance of Lithium-Rich Cathodes for Li-Ion Batteries. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 2489-2495	6.1	7
27	Development of hierarchically porous cobalt oxide for enhanced photo-oxidation of indoor pollutants. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	6
26	Synthesis and characterization of Cu filled carbon nanohorns. <i>Materials Chemistry and Physics</i> , <b>2007</b> , 104, 210-214	4.4	6
25	Boosting Lithium-Ion Transport Kinetics by Increasing the Local Lithium-Ion Concentration Gradient in Composite Anodes of Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 14752-14758	9.5	6

24	Metal ions addition as interfacial mediators toward improving the electrochemical performance of PANI/GO aerogels. <i>Electrochimica Acta</i> , <b>2018</b> , 288, 91-100	6.7	6
23	Hydrothermal Synthesis and Characterization of One-dimensional Magnesium Hydroxide Chloride Hydrate in CaO-MgCl <sub>2</sub> -H <sub>2</sub> O System. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , <b>2010</b> , 25, 129-134	4.1	5
22	Mechanical Robustness Two-Dimensional Silicon Phosphide Flake Anodes for Lithium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 17597-17605	8.3	5
21	Fabrication of Rambutan-like Activated Carbon Sphere/Carbon Nanotubes and Their Application as Supercapacitors. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 8313-8320	4.1	5
20	Electrochemical Performance Enhancement of Nitrogen-Doped TiO <sub>2</sub> for Lithium-Ion Batteries Investigated by a Film Electrode Model. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 2717-2726	4.1	5
19	Ultra-small Co-doped Mn <sub>3</sub> O <sub>4</sub> nanoparticles tiled on multilayer graphene with enhanced performance for lithium ion battery anodes. <i>Journal of Applied Electrochemistry</i> , <b>2019</b> , 49, 1193-1202	2.6	4
18	Reduction process of nickel cations anchored on carbon nanotubes. <i>Journal of Materials Processing Technology</i> , <b>2008</b> , 206, 180-183	5.3	4
17	Controllable synthesis of novel one-dimensional carbon nanomaterials on an alkali-element-modified Cu catalyst. <i>Nanotechnology</i> , <b>2006</b> , 17, 224-226	3.4	4
16	A review of cobalt monoxide and its composites for supercapacitors. <i>Ceramics International</i> , <b>2021</b> , 47, 22229-22239	5.1	4
15	Activated Carbon Modified by CNTs/Ni-Co Oxide as Hybrid Electrode Materials for High Performance Supercapacitors. <i>IEEE Nanotechnology Magazine</i> , <b>2014</b> , 13, 557-562	2.6	3
14	PREPARATION AND MICROWAVE ABSORPTION OF MICRO-FIBROUS Fe/C NANOCOMPOSITE. <i>Functional Materials Letters</i> , <b>2012</b> , 05, 1250036	1.2	3
13	Preparation of CNTs-supported Fe <sub>3</sub> O <sub>4</sub> and Fe <sub>3</sub> C Nano-particles and the Investigation on their Magnetic Properties <b>2006</b> ,		3
12	Solution precipitation of CdS micro-spheres built up from wurtzite CdS crystals. <i>Materials Letters</i> , <b>2005</b> , 59, 2689-2692	3.3	3
11	Scale-up processing of a safe quasi-solid-state lithium battery by cathode-supported solid electrolyte coating. <i>Materials Today Energy</i> , <b>2021</b> , 21, 100841	7	3
10	Wettability of porous two-dimensional ZnO nanocrystal films. <i>Canadian Journal of Chemical Engineering</i> , <b>2011</b> , 89, 1583-1589	2.3	2
9	The Carbon-Coated ZnCo <sub>2</sub> O <sub>4</sub> Nanowire Arrays Pyrolyzed from PVA for Enhancing Lithium Storage Capacity. <i>Processes</i> , <b>2020</b> , 8, 1501	2.9	2
8	Standing and Lying Ni(OH) <sub>2</sub> Nanosheets on Multilayer Graphene for High-Performance Supercapacitors. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
7	Layered double hydroxide/NaSb(OH) <sub>6</sub> /poly(vinyl chloride) nanocomposites: Preparation, characterization, and thermal stability. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 116, NA-NA	2.9	1



6	Core-shell structured Co <sub>3</sub> O <sub>4</sub> @NiCo <sub>2</sub> O <sub>4</sub> nanowires on nickel foam for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , <b>2022</b> , 907, 116061	4.1	1
5	Carbon nanotubes refined mesoporous NiCoO <sub>2</sub> nanoparticles for high performance supercapacitors. <i>Electrochimica Acta</i> , <b>2022</b> , 402, 139575	6.7	1
4	Design of SnO <sub>2</sub> /ZnO@ZIF-8 Hydrophobic Nanofibers for Improved H <sub>2</sub> S Gas Sensing. <i>ChemistrySelect</i> , <b>2021</b> , 6, 5488-5495	1.8	1
3	Sonochemical synthesis of Sb <sub>2</sub> S <sub>3</sub> -containing SnS <sub>2</sub> composites anchored on graphene nanosheets for enhanced sodium storage. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 277, 125510	4.4	0
2	Ag-Doped CuO Microflowers on Multilayer Graphene for a Highly Sensitive Non-Enzymatic Glucose Sensor. <i>Journal of Electronic Materials</i> , <b>2022</b> , 51, 995	1.9	0
1	Observation of itinerant ferromagnetism and coupled magnetoresistance in a spinel CuCo <sub>2</sub> S <sub>4</sub> . <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 8874-8881	7.1	0