

# Xuecheng Chen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132  
papers

4,266  
citations

36  
h-index

59  
g-index

141  
ext. papers

5,153  
ext. citations

6.5  
avg, IF

5.83  
L-index

#	Paper	IF	Citations
132	Intumescent flame retardants inspired template-assistant synthesis of N/P dual-doped three-dimensional porous carbons for high-performance supercapacitors.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 613, 35-46	9.3	2
131	One-step converting biowaste wolfberry fruits into hierarchical porous carbon and its application for high-performance supercapacitors. <i>Renewable Energy</i> , <b>2022</b> , 185, 187-195	8.1	4
130	Diverse-shaped tin dioxide nanoparticles within a plastic waste-derived three-dimensional porous carbon framework for super stable lithium-ion storage.. <i>Science of the Total Environment</i> , <b>2022</b> , 815, 152900	10.2	1
129	Fabrication and characterization of a TiBs@MCN cable-like photocatalyst with high photocatalytic performance under visible light irradiation. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 6319-6329	3.6	0
128	Porous silica matrix as an efficient strategy to boosted photocatalytic performance of titania/carbon composite. <i>Diamond and Related Materials</i> , <b>2022</b> , 125, 109027	3.5	1
127	Branched Poly(l-lysine)-Derived Nitrogen-Containing Porous Carbon Flake as the Metal-Free Electrocatalyst toward Efficient Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 3317-3326	6.1	7
126	Investigation of the microstructure on the nanoporous carbon based capacitive performance. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 310, 110629	5.3	2
125	Highly efficient conversion of waste plastic into thin carbon nanosheets for superior capacitive energy storage. <i>Carbon</i> , <b>2021</b> , 171, 819-828	10.4	24
124	Mn3O4 encapsulated in hollow carbon spheres coated by graphene layer for enhanced magnetization and lithium-ion batteries performance. <i>Energy</i> , <b>2021</b> , 217, 119399	7.9	5
123	Improved performance in lithium ion battery of CNT-Fe3O4@graphene induced by three-dimensional structured construction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 612, 126014	5.1	9
122	Preparation of Fe3O4@polypyrrole composite materials for asymmetric supercapacitor applications. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 16011-16018	3.6	7
121	The in situ construction of three-dimensional core-shell-structured TiO2@PPy/rGO nanocomposites for improved supercapacitor electrode performance. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 1092-1099	3.6	10
120	Hollow carbon spheres loaded with uniform dispersion of copper oxide nanoparticles for anode in lithium- ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 853, 156700	5.7	10
119	Flexible Films as Anode Materials Based on rGO and TiO2/MnO2 in Li-Ion Batteries Free of Non-Active Agents. <i>Energies</i> , <b>2021</b> , 14, 8168	3.1	1
118	One-pot green mass production of hierarchically porous carbon via a recyclable salt-templating strategy. <i>Green Energy and Environment</i> , <b>2020</b> ,	5.7	5
117	Controllable Carbonization of Plastic Waste into Three-Dimensional Porous Carbon Nanosheets by Combined Catalyst for High Performance Capacitor. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	14
116	Co-etching effect to convert waste polyethylene terephthalate into hierarchical porous carbon toward excellent capacitive energy storage. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 138055	10.2	30

115	A general approach towards carbonization of plastic waste into a well-designed 3D porous carbon framework for super lithium-ion batteries. <i>Chemical Communications</i> , <b>2020</b> , 56, 9142-9145	5.8	20
114	High yield conversion of biowaste coffee grounds into hierarchical porous carbon for superior capacitive energy storage. <i>Scientific Reports</i> , <b>2020</b> , 10, 3518	4.9	24
113	Deep insight into the pore size distribution of N-doped porous carbon materials on electrochemical energy storage and CO <sub>2</sub> sorption. <i>Diamond and Related Materials</i> , <b>2020</b> , 105, 107802	3.5	14
112	Sustainable recycling of waste polystyrene into hierarchical porous carbon nanosheets with potential applications in supercapacitors. <i>Nanotechnology</i> , <b>2020</b> , 31, 035402	3.4	23
111	Reactive construction of catalytic carbonization system in PP/C60/Ni(OH) <sub>2</sub> nanocomposites for simultaneously improving thermal stability, flame retardancy and mechanical properties. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2020</b> , 129, 105722	8.4	11
110	Constructing multifunctional nanofiller with reactive interface in PLA/CB-g-DOPO composites for simultaneously improving flame retardancy, electrical conductivity and mechanical properties. <i>Composites Science and Technology</i> , <b>2020</b> , 188, 107988	8.6	56
109	Insight into the Effect of ZIF-8 Particle Size on the Performance in Nanocarbon-Based Supercapacitors. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 16328-16337	4.8	5
108	Na <sub>3</sub> PO <sub>4</sub> assistant dispersion of nano-CaCO <sub>3</sub> template to enhance electrochemical interface: N/O/P co-doped porous carbon hybrids towards high-performance flexible supercapacitors. <i>Composites Part B: Engineering</i> , <b>2020</b> , 199, 108256	10	14
107	One-Step Synergistic Effect to Produce Two-Dimensional N-Doped Hierarchical Porous Carbon Nanosheets for High-Performance Flexible Supercapacitors. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 8562-8572	6.1	12
106	Study of the Active Carbon from Used Coffee Grounds as the Active Material for a High-Temperature Stable Supercapacitor with Ionic-Liquid Electrolyte. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
105	Eucalyptus derived heteroatom-doped hierarchical porous carbons as electrode materials in supercapacitors. <i>Scientific Reports</i> , <b>2020</b> , 10, 14631	4.9	10
104	Nitrogen/Oxygen Enriched Hierarchical Porous Carbons Derived from Waste Peanut Shells Boosting Performance of Supercapacitors. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 2000450	6.4	6
103	Nitrogen-Doped Porous Graphene-Based Aerogels toward Efficient Heavy Metal Ion Adsorption and Supercapacitor Applications. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2020</b> , 14, 1900534	2.5	19
102	Three dimensional graphene/carbonized metal-organic frameworks based high-performance supercapacitor. <i>Carbon</i> , <b>2020</b> , 157, 55-63	10.4	35
101	Porous carbon nanosheet with high surface area derived from waste poly(ethylene terephthalate) for supercapacitor applications. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48338	2.9	22
100	Nanosized carbon black as synergist in PP/POE-MA/IFR system for simultaneously improving thermal, electrical and mechanical properties. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 1091-1098	4.1	10
99	Transforming polystyrene waste into 3D hierarchically porous carbon for high-performance supercapacitors. <i>Chemosphere</i> , <b>2020</b> , 253, 126755	8.4	32
98	Expanded graphite assistant construction of gradient-structured char layer in PBS/Mg(OH) <sub>2</sub> composites for improving flame retardancy, thermal stability and mechanical properties. <i>Composites Part B: Engineering</i> , <b>2019</b> , 177, 107402	10	27

97	Well-Designed Porous Graphene Flakes for Lithium-Ion Batteries with Outstanding Rate Performance. <i>Langmuir</i> , <b>2019</b> , 35, 12613-12619	4	8
96	Three-dimensional porous carbon with big cavities and hierarchical pores derived from leek for superior electrochemical capacitive energy storage. <i>Diamond and Related Materials</i> , <b>2019</b> , 98, 107522	3.5	7
95	Large-Scale and Low-Cost Motivation of Nitrogen-Doped Commercial Activated Carbon for High-Energy-Density Supercapacitor. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 4234-4243	6.1	26
94	Multifunctional nitrogen-doped nanoporous carbons derived from metal-organic frameworks for efficient CO <sub>2</sub> storage and high-performance lithium-ion batteries. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10405-10412	3.6	11
93	Synergistic effect of nanoscale carbon black and ammonium polyphosphate on improving thermal stability and flame retardancy of polypropylene: A reactive network for strengthening carbon layer. <i>Composites Part B: Engineering</i> , <b>2019</b> , 174, 107038	10	17
92	Ultrathin NiO confined within hollow carbon sphere for efficient electrochemical energy storage. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 797, 702-709	5.7	8
91	Selective Synthesis of Magnetite Nanospheres with Controllable Morphologies on CNTs and Application to Lithium-Ion Batteries. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2019</b> , 216, 1800924	1.6	4
90	Recent progress in controlled carbonization of (waste) polymers. <i>Progress in Polymer Science</i> , <b>2019</b> , 94, 1-32	29.6	105
89	Formation of ultra-small Mn <sub>3</sub> O <sub>4</sub> nanoparticles trapped in nanochannels of hollow carbon spheres by nanoconfinement with excellent supercapacitor performance. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 13675-13683	6.7	13
88	Hierarchical porous carbon sheets derived on a MgO template for high-performance supercapacitor applications. <i>Nanotechnology</i> , <b>2019</b> , 30, 295703	3.4	23
87	Symmetric Supercapacitors Based on MnOOH-Coated Nanoporous Carbon toward High Energy-Storage Performance. <i>ChemElectroChem</i> , <b>2019</b> , 6, 2302-2307	4.3	6
86	Novel strategy for preparation of highly porous carbon sheets derived from polystyrene for supercapacitors. <i>Diamond and Related Materials</i> , <b>2019</b> , 95, 5-13	3.5	17
85	Mass production of hierarchically porous carbon nanosheets by carbonizing "real-world" mixed waste plastics toward excellent-performance supercapacitors. <i>Waste Management</i> , <b>2019</b> , 87, 691-700	8.6	39
84	Evaluation of Nanoporous Carbon Synthesized from Direct Carbonization of a Metal-Organic Complex as a Highly Effective Dye Adsorbent and Supercapacitor. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	11
83	Nitrogen-doped porous carbon embedded with cobalt nanoparticles for excellent oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 546, 344-350	9.3	11
82	Sustainable polylysine conversion to nitrogen-containing porous carbon flakes: Potential application in supercapacitors. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 48214	2.9	11
81	Interconnected nanoporous carbon structure delivering enhanced mass transport and conductivity toward exceptional performance in supercapacitor. <i>Journal of Power Sources</i> , <b>2019</b> , 435, 226811	8.9	16
80	Selective preparation of biomass-derived porous carbon with controllable pore sizes toward highly efficient CO <sub>2</sub> capture. <i>Chemical Engineering Journal</i> , <b>2019</b> , 360, 250-259	14.7	95

79	From polystyrene waste to porous carbon flake and potential application in supercapacitor. <i>Waste Management</i> , <b>2019</b> , 85, 333-340	8.6	41
78	Low-cost nitrogen-doped activated carbon prepared by polyethylenimine (PEI) with a convenient method for supercapacitor application. <i>Electrochimica Acta</i> , <b>2019</b> , 294, 183-191	6.7	54
77	Biomass-derived robust three-dimensional porous carbon for high volumetric performance supercapacitors. <i>Journal of Power Sources</i> , <b>2019</b> , 412, 1-9	8.9	100
76	Large-scale converting waste coffee grounds into functional carbon materials as high-efficient adsorbent for organic dyes. <i>Bioresource Technology</i> , <b>2019</b> , 272, 92-98	11	41
75	Hierarchical porous carbon materials from nanosized metal-organic complex for high-performance symmetrical supercapacitor. <i>Electrochimica Acta</i> , <b>2018</b> , 269, 580-589	6.7	40
74	Cobalt/Carbon Nanocomposite as Oxygen Evolution Reaction Electrocatalyst. <i>ChemElectroChem</i> , <b>2018</b> , 5, 2681-2685	4.3	11
73	Synthesis of Polylysine/Silica Hybrids through Branched-Polylysine-Mediated Biosilicification. <i>ACS Omega</i> , <b>2018</b> , 3, 17573-17580	3.9	6
72	From Hollow to Solid Carbon Spheres: Time-Dependent Facile Synthesis. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	11
71	A novel stiffener skeleton strategy in catalytic carbonization system with enhanced carbon layer structure and improved fire retardancy. <i>Composites Science and Technology</i> , <b>2018</b> , 164, 82-91	8.6	22
70	Mechanism of MxOy nanoparticles/CNTs for catalytic carbonization of polyethylene and application to flame retardancy. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134, 45233	2.9	10
69	Porous nanopeapod Pd catalyst with excellent stability and efficiency. <i>Chemical Communications</i> , <b>2017</b> , 53, 740-742	5.8	8
68	Facile synthesis of porous iron oxide/graphene hybrid nanocomposites and potential application in electrochemical energy storage. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 13553-13559	3.6	20
67	Effect of iron oxide impregnated in hollow carbon sphere as symmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 726, 466-473	5.7	20
66	Graphene-based materials for capacitive deionization. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 13907-13943	13.43	189
65	Effect of particle size on the flame retardancy of poly(butylene succinate)/Mg(OH) <sub>2</sub> composites. <i>Fire and Materials</i> , <b>2016</b> , 40, 1090-1096	1.8	15
64	Pd supported ordered mesoporous hollow carbon spheres (OMHCS) for hydrogen storage. <i>Chemical Physics Letters</i> , <b>2016</b> , 647, 14-19	2.5	29
63	A facile approach to prepare porous cup-stacked carbon nanotube with high performance in adsorption of methylene blue. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 445, 195-204	9.3	60
62	Beaded structured CNTs-Fe <sub>3</sub> O <sub>4</sub> @C with low Fe <sub>3</sub> O <sub>4</sub> content as anode materials with extra enhanced performances in lithium ion batteries. <i>RSC Advances</i> , <b>2015</b> , 5, 28864-28869	3.7	22

61	Synergistic effect of carbon fibers and carbon nanotubes on improving thermal stability and flame retardancy of polypropylene: a combination of a physical network and chemical crosslinking. <i>RSC Advances</i> , <b>2015</b> , 5, 5484-5493	3.7	11
60	Converting real-world mixed waste plastics into porous carbon nanosheets with excellent performance in the adsorption of an organic dye from wastewater. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 341-351	13	117
59	New insights into the role of lattice oxygen in the catalytic carbonization of polypropylene into high value-added carbon nanomaterials. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 962-971	3.6	6
58	Controllable Synthesis of 3D Hollow-Carbon-Spheres/Graphene-Flake Hybrid Nanostructures from Polymer Nanocomposite by Self-Assembly and Feasibility for Lithium-Ion Batteries. <i>Particle and Particle Systems Characterization</i> , <b>2015</b> , 32, 874-879	3.1	15
57	Poly(vinyl alcohol)/GO-MMT nanocomposites: Preparation, structure and properties. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2015</b> , 33, 329-338	3.5	16
56	Synergistic effect of fumed silica with Ni <sub>2</sub> O <sub>3</sub> on improving flame retardancy of poly(lactic acid). <i>Polymer Degradation and Stability</i> , <b>2014</b> , 104, 18-27	4.7	29
55	Creation of mesopores in carbon nanotubes with improved capacities for lithium ion batteries. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 25071-5	3.6	3
54	Simultaneously improving the thermal stability, flame retardancy and mechanical properties of polyethylene by the combination of graphene with carbon black. <i>RSC Advances</i> , <b>2014</b> , 4, 33776-33784	3.7	20
53	Sustainable Conversion of Mixed Plastics into Porous Carbon Nanosheets with High Performances in Uptake of Carbon Dioxide and Storage of Hydrogen. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2014</b> , 2, 2837-2844	8.3	73
52	One-pot synthesis of core/shell Co@C spheres by catalytic carbonization of mixed plastics and their application in the photo-degradation of Congo red. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 7461-7470 <sup>13</sup>	13	33
51	Upcycle waste plastics to magnetic carbon materials for dye adsorption from polluted water. <i>RSC Advances</i> , <b>2014</b> , 4, 26817	3.7	10
50	Striking influence of NiO catalyst diameter on the carbonization of polypropylene into carbon nanomaterials and their high performance in the adsorption of oils. <i>RSC Advances</i> , <b>2014</b> , 4, 33806-33814 <sup>3.7</sup>	3.7	22
49	Pd nanoparticles with tunable diameter deposited on carbon nanotubes with enhanced hydrogen storage capacity. <i>Energy</i> , <b>2014</b> , 75, 549-554	7.9	54
48	Superstable magnetic nanoreactors with high efficiency for Suzuki-coupling reactions. <i>Nanoscale</i> , <b>2014</b> , 6, 12884-9	7.7	14
47	Upcycling Waste Polypropylene into Graphene Flakes on Organically Modified Montmorillonite. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 4173-4181	3.9	57
46	Antibacterial performance of nanocrystalline titania confined in mesoporous silica nanotubes. <i>Biomedical Microdevices</i> , <b>2014</b> , 16, 449-58	3.7	12
45	Nanosized carbon black combined with Ni <sub>2</sub> O <sub>3</sub> as "universal" catalysts for synergistically catalyzing carbonization of polyolefin wastes to synthesize carbon nanotubes and application for supercapacitors. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 4048-55	10.3	60
44	Catalytic carbonization of polypropylene into cup-stacked carbon nanotubes with high performances in adsorption of heavy metallic ions and organic dyes. <i>Chemical Engineering Journal</i> , <b>2014</b> , 248, 27-40	14.7	56

43	Striking influence of chain structure of polyethylene on the formation of cup-stacked carbon nanotubes/carbon nanofibers under the combined catalysis of CuBr and NiO. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 147, 592-601	21.8	47
42	Converting mixed plastics into mesoporous hollow carbon spheres with controllable diameter. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 152-153, 289-299	21.8	44
41	Chemical and magnetic functionalization of graphene oxide as a route to enhance its biocompatibility. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 656	5	61
40	Combination of fumed silica with carbon black for simultaneously improving the thermal stability, flame retardancy and mechanical properties of polyethylene. <i>Polymer</i> , <b>2014</b> , 55, 2998-3007	3.9	33
39	Synergistic effect of activated carbon and Ni <sub>2</sub> O <sub>3</sub> in promoting the thermal stability and flame retardancy of polypropylene. <i>Polymer Degradation and Stability</i> , <b>2014</b> , 99, 18-26	4.7	27
38	Core/shell structured silica spheres with controllable thickness of mesoporous shell and its adsorption, drug storage and release properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 428, 79-85	5.1	18
37	Electrochemical characteristics of discrete, uniform, and monodispersed hollow mesoporous carbon spheres in double-layered supercapacitors. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 2627-33	4.5	17
36	Catalytic conversion of linear low density polyethylene into carbon nanomaterials under the combined catalysis of Ni <sub>2</sub> O <sub>3</sub> and poly(vinyl chloride). <i>Chemical Engineering Journal</i> , <b>2013</b> , 215-216, 339-347	14.7	53
35	In situ deposition of Pd nanoparticles with controllable diameters in hollow carbon spheres for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 16179-16184	6.7	31
34	Effect of the added amount of organically-modified montmorillonite on the catalytic carbonization of polypropylene into cup-stacked carbon nanotubes. <i>Chemical Engineering Journal</i> , <b>2013</b> , 225, 798-808	14.7	56
33	Nanoconfinement induced formation of core/shell structured mesoporous carbon spheres coated with solid carbon shell. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 3042-7	9.5	14
32	Application of hollow mesoporous carbon nanospheres as an high effective adsorbent for the fast removal of acid dyes from aqueous solutions. <i>Chemical Engineering Journal</i> , <b>2013</b> , 228, 824-833	14.7	70
31	Synthesis, characterization and growth mechanism of mesoporous hollow carbon nanospheres by catalytic carbonization of polystyrene. <i>Microporous and Mesoporous Materials</i> , <b>2013</b> , 176, 31-40	5.3	41
30	Facile synthesis of hollow silica spheres with nanoholes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6381-5	4.3	5
29	Striking influence of Fe <sub>2</sub> O <sub>3</sub> on the catalytic carbonization of chlorinated poly(vinyl chloride) into carbon microspheres with high performance in the photo-degradation of Congo red. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 5247	13	59
28	Striking Influence about HZSM-5 Content and Nickel Catalyst on Catalytic Carbonization of Polypropylene and Polyethylene into Carbon Nanomaterials. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 15578-15588	3.9	10
27	Catalytic Carbonization of Chlorinated Poly(vinyl chloride) Microfibers into Carbon Microfibers with High Performance in the Photodegradation of Congo Red. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 17016-17023	3.8	21
26	Molecular simulations study of ligand-release mechanism in an odorant-binding protein from the southern house mosquito. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2013</b> , 31, 485-94	3.6	2

25	Effect of nanosized carbon black on thermal stability and flame retardancy of polypropylene/carbon nanotubes nanocomposites. <i>Polymers for Advanced Technologies</i> , <b>2013</b> , 24, 971-977	3.2	31
24	Synthesis and photocatalytic performance of TiO <sub>2</sub> nanospheres/graphene nanocomposite under visible and UV light irradiation. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 3185-3190	4.3	50
23	Catalytic carbonization of polypropylene by the combined catalysis of activated carbon with Ni <sub>2</sub> O <sub>3</sub> into carbon nanotubes and its mechanism. <i>Applied Catalysis A: General</i> , <b>2012</b> , 449, 112-120	5.1	86
22	New easy way preparation of core/shell structured SnO <sub>2</sub> @carbon spheres and application for lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 216, 475-481	8.9	35
21	Template method synthesis of mesoporous carbon spheres and its applications as supercapacitors. <i>Nanoscale Research Letters</i> , <b>2012</b> , 7, 269	5	27
20	Magnetic silica nanotubes: synthesis, drug release, and feasibility for magnetic hyperthermia. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 2303-9	9.5	55
19	Effect of Cl/Ni molar ratio on the catalytic conversion of polypropylene into Cu <sub>2</sub> Ni/C composites and their application in catalyzing Click reaction. <i>Applied Catalysis B: Environmental</i> , <b>2012</b> , 117-118, 185-193	21.8	61
18	CVD generated mesoporous hollow carbon spheres as supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 396, 246-250	5.1	58
17	Synthesis, dispersion, and cytocompatibility of graphene oxide and reduced graphene oxide. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2012</b> , 89, 79-85	6	298
16	MOLECULAR SIMULATIONS OF NEOCARZINOSTATIN CHROMOPHORE RELEASE MECHANISM. <i>Journal of Theoretical and Computational Chemistry</i> , <b>2012</b> , 11, 1357-1368	1.8	4
15	Synthesis, Growth Mechanism, and Electrochemical Properties of Hollow Mesoporous Carbon Spheres with Controlled Diameter. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 17717-17724	3.8	109
14	Novel method controlled synthesis of silica coated carbon nanotubes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2011</b> , 208, 462-465	1.6	1
13	Carbon-nanotube-based stimuli-responsive controlled-release system. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4454-9	4.8	25
12	Fabrication method of parallel mesoporous carbon nanotubes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 377, 150-155	5.1	8
11	Preparation, structure and catalytic activity of Pt-Pd bimetallic nanoparticles on multi-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 3138-44	1.3	5
10	Enhancement of the structure stability of MOF-5 confined to multiwalled carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , <b>2010</b> , 247, 2664-2668	1.3	26
9	Multi-wall carbon nanotubes as a vehicle for targeted Irinotecan drug delivery. <i>Physica Status Solidi (B): Basic Research</i> , <b>2010</b> , 247, 2673-2677	1.3	17
8	Synthesis of carbon nanotubes and nanospheres with controlled morphology using different catalyst precursors. <i>Nanotechnology</i> , <b>2008</b> , 19, 325607	3.4	25



7	Facile Deposition of Pd Nanoparticles on Carbon Nanotube Microparticles and Their Catalytic Activity for Suzuki Coupling Reactions. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 8172-8176	3.8	110
6	Novel in situ fabrication of chestnut-like carbon nanotube spheres from polypropylene and nickel formate. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 21684-9	3.4	34
5	Catalyzing Carbonization of Polypropylene Itself by Supported Nickel Catalyst during Combustion of Polypropylene/Clay Nanocomposite for Improving Fire Retardancy. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 2799-2802	9.6	93
4	Synthesis of multiwalled carbon nanotubes by catalytic combustion of polypropylene. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 1517-20	16.4	175
3	Synthesis of Multiwalled Carbon Nanotubes by Catalytic Combustion of Polypropylene. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 1541-1544	3.6	27
2	Synergistic effect of nickel formate on the thermal and flame-retardant properties of polypropylene. <i>Polymer International</i> , <b>2005</b> , 54, 904-908	3.3	79
1	Effect of oleic acid on improving flame retardancy of brucite in low-density polyethylene composite. <i>Journal of Applied Polymer Science</i> , 51862	2.9	2