

Morinobu Endo

List of Publications by Year in descending order

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682
papers

36,392
citations

3334

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5255

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688
all docs

688
docs citations

688
times ranked

34262
citing authors

#	ARTICLE	IF	CITATIONS
1	Data Science Applied to Carbon Materials: Synthesis, Characterization, and Applications. Advanced Theory and Simulations, 2022, 5, 2100205.	2.8	3
2	Antifouling performance of spiral wound type module made of carbon nanotubes/polyamide composite RO membrane for seawater desalination. Desalination, 2022, 523, 115445.	8.2	18
3	Data Science Applied to Carbon Materials: Synthesis, Characterization, and Applications (Adv. Theory) Tj ETQq1 1 0,784314 rgBT /Ove	2.8	3
4	Preparation of polysulfone support for higher-performance reverse osmosis membranes. Journal of Environmental Chemical Engineering, 2022, 10, 107860.	6.7	2
5	The synthesis of sponge-type nitrogen-doped multiwall carbon nanotubes using ball-milled natural red-leptosol as catalyst precursor: A cycle voltammetry study. Carbon, 2022, 196, 510-524.	10.3	6
6	Electrochemistry of rechargeable aqueous zinc/zinc-sulphate/manganese-oxide batteries and methods for preparation of high-performance cathodes. Journal of Materials Chemistry A, 2022, 10, 15415-15426.	10.3	6
7	Microwave plasma-induced growth of vertical graphene from fullerene soot. Carbon, 2021, 172, 26-30.	10.3	18
8	Aerogels from copper (II)-cellulose nanofibers and carbon nanotubes as absorbents for the elimination of toxic gases from air. Journal of Colloid and Interface Science, 2021, 582, 950-960.	9.4	30
9	Graphene Oxide Membranes for Water Filtration. Membrane, 2021, 46, 184-186.	0.0	0
10	Thermodynamics of Linear Carbon Chains. Physical Review Letters, 2021, 126, 125901.	7.8	9
11	Nitrogen and Sulfur Incorporation into Graphene Oxide by Mechanical Process. Advanced Engineering Materials, 2021, 23, 2001444.	3.5	1
12	A finger-jointing model for describing ultrastructures of cellulose microfibrils. Scientific Reports, 2021, 11, 10055.	3.3	4
13	Nanocellulose/polyethylene nanocomposite sheets prepared from an oven-dried nanocellulose by elastic kneading. Composites Science and Technology, 2021, 207, 108734.	7.8	17
14	Cellulose nanofiber-reinforced rubber composites prepared by TEMPO-functionalization and elastic kneading. Composites Science and Technology, 2021, 210, 108815.	7.8	16
15	Graphene oxide membranes for lactose-free milk. Carbon, 2021, 181, 118-129.	10.3	12
16	Celluloseâ€Nanofiberâ€Reinforced Rubber Composites with Resorcinol Resin Prepared by Elastic Kneading. Macromolecular Materials and Engineering, 2021, 306, 2100483.	3.6	5
17	Hybrid materials based on pyrrhotite, troilite, and few-layered graphitic nanostructures: Synthesis, characterization, and cyclic voltammetry studies. Applied Surface Science, 2021, 563, 150327.	6.1	4
18	Detection of dynamic biofouling from adenosine triphosphate measurements in water concentrated from reverse osmosis desalination of seawater. Desalination, 2021, 518, 115286.	8.2	5

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19	Preparation of high-performance carbon nanotube/polyamide composite materials by elastic high-shear kneading and improvement of properties by induction heating treatment. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50512.	2.6	4
20	Improved supercapacitors by implanting ultra-long single-walled carbon nanotubes into manganese oxide domains. <i>Journal of Power Sources</i> , 2020, 479, 228795.	7.8	16
21	Single-atom doping of MoS ₂ with manganese enables ultrasensitive detection of dopamine: Experimental and computational approach. <i>Science Advances</i> , 2020, 6, eabc4250.	10.3	136
22	Enhanced desalination performance in compacted carbon-based reverse osmosis membranes. <i>Nanoscale Advances</i> , 2020, 2, 3444-3451.	4.6	6
23	Preparation of activated carbon via acidic dehydration of durian husk for supercapacitor applications. <i>Diamond and Related Materials</i> , 2020, 107, 107906.	3.9	31
24	Nanocomposite desalination membranes made of aromatic polyamide with cellulose nanofibers: synthesis, performance, and water diffusion study. <i>Nanoscale</i> , 2020, 12, 19628-19637.	5.6	19
25	Cellulose nanofiber/elastomer composites with high tensile strength, modulus, toughness, and thermal stability prepared by high-shear kneading. <i>Composites Science and Technology</i> , 2020, 188, 108005.	7.8	50
26	PbS-quantum-dots/double-wall-carbon-nanotubes nanohybrid based photodetectors with extremely fast response and high responsivity. <i>Materials Today Energy</i> , 2020, 16, 100378.	4.7	12
27	Facile synthesis of graphene sheets intercalated by carbon spheres for high-performance supercapacitor electrodes. <i>Carbon</i> , 2020, 167, 11-18.	10.3	18
28	Thicker carbon-nanotube/manganese-oxide hybridized nanostructures as electrodes for the creation of fiber-shaped high-energy-density supercapacitors. <i>Carbon</i> , 2019, 154, 169-177.	10.3	32
29	Nitrogen self-doped activated carbons via the direct activation of <i>Samanea saman</i> leaves for high energy density supercapacitors. <i>RSC Advances</i> , 2019, 9, 21724-21732.	3.6	17
30	Rapidly self-heating shape memory polyurethane nanocomposite with boron-doped single-walled carbon nanotubes using near-infrared laser. <i>Composites Part B: Engineering</i> , 2019, 175, 107065.	12.0	25
31	Graphite Whiskers Derived from Waste Coffee Grounds Treated at High Temperature. <i>Global Challenges</i> , 2019, 3, 1800107.	3.6	6
32	Enhanced Antifouling Feed Spacer Made from a Carbon Nanotube-Polypropylene Nanocomposite. <i>ACS Omega</i> , 2019, 4, 15496-15503.	3.5	14
33	Defect Engineering and Surface Functionalization of Nanocarbons for Metal-Free Catalysis. <i>Advanced Materials</i> , 2019, 31, e1805717.	21.0	139
34	New Insights in the Natural Organic Matter Fouling Mechanism of Polyamide and Nanocomposite Multiwalled Carbon Nanotubes-Polyamide Membranes. <i>Environmental Science & Technology</i> , 2019, 53, 6255-6263.	10.0	38
35	Catalytic Nanocarbons: Defect Engineering and Surface Functionalization of Nanocarbons for Metal-Free Catalysis (Adv. Mater. 13/2019). <i>Advanced Materials</i> , 2019, 31, 1970096.	21.0	3
36	Preparation and electrochemical performance of nitrogen-enriched activated carbon derived from silkworm pupae waste. <i>RSC Advances</i> , 2019, 9, 9878-9886.	3.6	18

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37	Single-wall carbon nanotube modified with copper-oxamate flat complex probed by synchrotron x-ray photoelectron and x-ray absorption spectroscopies. <i>Journal of Molecular Structure</i> , 2019, 1176, 711-717.	3.6	2
38	Facile 1D graphene fiber synthesis from an agricultural by-product: A silicon-mediated graphenization route. <i>Carbon</i> , 2019, 142, 78-88.	10.3	14
39	From high pressure radial collapse to graphene ribbon formation in triple-wall carbon nanotubes. <i>Carbon</i> , 2019, 141, 568-579.	10.3	31
40	Editorial: Collection in Memory of Mildred S. Dresselhaus. <i>Physical Review Applied</i> , 2018, 9, .	3.8	0
41	Water Diffusion Mechanism in Carbon Nanotube and Polyamide Nanocomposite Reverse Osmosis Membranes: A Possible Percolation-Hopping Mechanism. <i>Physical Review Applied</i> , 2018, 9, .	3.8	23
42	Effects of pressure on the structural and electronic properties of linear carbon chains encapsulated in double wall carbon nanotubes. <i>Carbon</i> , 2018, 133, 446-456.	10.3	47
43	High porous bio-nanocarbons prepared by carbonization and NaOH activation of polysaccharides for electrode material of EDLC. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 118, 137-143.	4.0	18
44	Carbon nanotubes and manganese oxide hybrid nanostructures as high performance fiber supercapacitors. <i>Communications Chemistry</i> , 2018, 1, .	4.5	32
45	Editorial: Closing the Collection in Memory of Mildred S. Dresselhaus. <i>Physical Review Applied</i> , 2018, 10, .	3.8	0
46	Vertical Graphene for Biosensors. , 2018, , 37-56.		3
47	Nanostructured carbon materials for enhanced nitrobenzene adsorption: Physical vs. chemical surface properties. <i>Carbon</i> , 2018, 139, 833-844.	10.3	55
48	H ₂ O ₂ /UV layer-by-layer oxidation of multiwall carbon nanotubes: The "œonion effect" and the control of the degree of surface crystallinity and diameter. <i>Carbon</i> , 2018, 139, 1027-1034.	10.3	10
49	Effective Antiscalcing Performance of Reverse-Osmosis Membranes Made of Carbon Nanotubes and Polyamide Nanocomposites. <i>ACS Omega</i> , 2018, 3, 6047-6055.	3.5	25
50	Effect of boron doping on the electrical conductivity of metallicity-separated single walled carbon nanotubes. <i>Nanoscale</i> , 2018, 10, 12723-12733.	5.6	37
51	Salt rejection behavior of carbon nanotube-polyamide nanocomposite reverse osmosis membranes in several salt solutions. <i>Desalination</i> , 2018, 443, 165-171.	8.2	44
52	Nitrogen-doped porous carbon monoliths from polyacrylonitrile (PAN) and carbon nanotubes as electrodes for supercapacitors. <i>Scientific Reports</i> , 2017, 7, 40259.	3.3	59
53	Highly microporous-graphene aerogel monolith of unidirectional honeycomb macro-textures. <i>Chemical Physics Letters</i> , 2017, 673, 38-43.	2.6	10
54	Preparation of novel tetrahedral Ag ₃ PO ₄ crystals and the sunlight-responsive photocatalytic properties using graphene oxide as the template. <i>Carbon</i> , 2017, 119, 522-526.	10.3	8

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55	Low-temperature Synthesis of Heterostructures of Transition Metal Dichalcogenide Alloys ($W_xMo_{1-x}S_2$) and Graphene with Superior Catalytic Performance for Hydrogen Evolution. <i>ACS Nano</i> , 2017, 11, 5103-5112.	14.6	157
56	Pressure Tuning of Bromine Ionic States in Double-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 10609-10619.	3.1	8
57	High-modulus and strength carbon nanotube fibers using molecular cross-linking. <i>Carbon</i> , 2017, 118, 413-421.	10.3	83
58	Two-dimensional and three-dimensional hybrid assemblies based on graphene oxide and other layered structures: A carbon science perspective. <i>Carbon</i> , 2017, 125, 437-453.	10.3	21
59	Effective NaCl and dye rejection of hybrid graphene oxide/graphene layered membranes. <i>Nature Nanotechnology</i> , 2017, 12, 1083-1088.	31.5	307
60	Antiorganic Fouling and Low-Protein Adhesion on Reverse-Osmosis Membranes Made of Carbon Nanotubes and Polyamide Nanocomposite. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32192-32201.	8.0	36
61	Nitrogen-rich green leaves of papaya and <i>Coccinia grandis</i> as precursors of activated carbon and their electrochemical properties. <i>RSC Advances</i> , 2017, 7, 42064-42072.	3.6	14
62	Oil removing properties of exfoliated graphite in actual produced water treatment. <i>Journal of Water Process Engineering</i> , 2017, 20, 226-231.	5.6	22
63	Structural evolution of hydrothermal carbon spheres induced by high temperatures and their electrical properties under compression. <i>Carbon</i> , 2017, 121, 426-433.	10.3	25
64	Mildred S. Dresselhaus (1930 – 2017) – A Tribute from the Carbon Journal. <i>Carbon</i> , 2017, 119, 573-577.	10.3	1
65	Temperature Dependence of Sensors Based on Silver-Decorated Nitrogen-Doped Multiwalled Carbon Nanotubes. <i>Journal of Sensors</i> , 2016, 2016, 1-10.	1.1	9
66	A Review of Double-Walled and Triple-Walled Carbon Nanotube Synthesis and Applications. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 109.	2.5	44
67	Silicon/soft-carbon nanohybrid material with low expansion for high capacity and long cycle life lithium-ion battery. <i>Journal of Power Sources</i> , 2016, 326, 235-241.	7.8	28
68	Linear carbon chains inside multi-walled carbon nanotubes: Growth mechanism, thermal stability and electrical properties. <i>Carbon</i> , 2016, 107, 217-224.	10.3	33
69	High Performance and Chlorine Resistant Carbon Nanotube/Aromatic Polyamide Reverse Osmosis Nanocomposite Membrane. <i>MRS Advances</i> , 2016, 1, 1469-1476.	0.9	12
70	Strengthened PAN-based carbon fibers obtained by slow heating rate carbonization. <i>Scientific Reports</i> , 2016, 6, 22988.	3.3	39
71	Distorted Graphene Sheet Structure-Derived Latent Nanoporosity. <i>Langmuir</i> , 2016, 32, 5617-5622.	3.5	13
72	Nanostructured carbon-based membranes: nitrogen doping effects on reverse osmosis performance. <i>NPG Asia Materials</i> , 2016, 8, e258-e258.	7.9	17

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73	Fullerene and nanotube growth: new insights using first principles and molecular dynamics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150327.	3.4	7
74	Multiple exciton generation induced enhancement of the photoresponse of pulsed-laser-ablation synthesized single-wall-carbon-nanotube/PbS-quantum-dots nano hybrids. Scientific Reports, 2016, 6, 20083.	3.3	23
75	Cellulose nanofiber backboned Prussian blue nanoparticles as powerful adsorbents for the selective elimination of radioactive cesium. Scientific Reports, 2016, 6, 37009.	3.3	101
76	Ultrasensitive molecular sensor using N-doped graphene through enhanced Raman scattering. Science Advances, 2016, 2, e1600322.	10.3	174
77	Graphene oxide films, fibers, and membranes. Nanotechnology Reviews, 2016, 5, .	5.8	41
78	Three dimensional porous monoliths from multi-walled carbon nanotubes and polyacrylonitrile. Carbon, 2016, 101, 377-381.	10.3	13
79	Development of high-performance resin nanocomposites by resin cellulation using multi-walled carbon nanotubes. Composites Part B: Engineering, 2016, 91, 422-430.	12.0	5
80	High electrical conductivity of double-walled carbon nanotube fibers by hydrogen peroxide treatments. Journal of Materials Chemistry A, 2016, 4, 74-82.	10.3	41
81	Morphology-controlled fabrication of a three-dimensional mesoporous poly(vinyl alcohol) monolith through the incorporation of graphene oxide. Carbon, 2016, 98, 334-342.	10.3	16
82	Elucidating the local interfacial structure of highly photoresponsive carbon nanotubes/PbS-QDs based nano hybrids grown by pulsed laser deposition. Carbon, 2016, 96, 145-152.	10.3	15
83	Correlation in structure and properties of highly-porous graphene monoliths studied with a thermal treatment method. Carbon, 2016, 96, 174-183.	10.3	34
84	Flexible Transparent Conducting Films Composed of Photochemically Oxidized Thin Multi-Walled Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2016, 16, 11980-11985.	0.9	2
85	Pressureless sintering of SiC-coated carbon nanofiber/SiC composites and their properties. Journal of the Ceramic Society of Japan, 2015, 123, 570-575.	1.1	0
86	High-performance multi-functional reverse osmosis membranes obtained by carbon nanotube-polyamide nanocomposite. Scientific Reports, 2015, 5, 13562.	3.3	101
87	3D Nanocomposites of Covalently Interconnected Multiwalled Carbon Nanotubes with SiC with Enhanced Thermal and Electrical Properties. Advanced Functional Materials, 2015, 25, 4985-4993.	14.9	18
88	Covalent Networks: 3D Nanocomposites of Covalently Interconnected Multiwalled Carbon Nanotubes with SiC with Enhanced Thermal and Electrical Properties (Adv. Funct. Mater. 31/2015). Advanced Functional Materials, 2015, 25, 4922-4922.	14.9	2
89	Differential Response of Doped/Defective Graphene and Dopamine to Electric Fields: A Density Functional Theory Study. Journal of Physical Chemistry C, 2015, 119, 13972-13978.	3.1	44
90	Aqueous Nanosilica Dispersants for Carbon Nanotube. Langmuir, 2015, 31, 3194-3202.	3.5	22

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91	Differentiation of chemical reaction activity of various carbon nanotubes using redox potential: Classification by physical and chemical structures. Carbon, 2015, 95, 302-308.	10.3	8
92	Graphene nanoribbons inducing cube-shaped Ag nanoparticle assemblies. Carbon, 2015, 93, 800-811.	10.3	15
93	Carbonaceous Anode Materials. Green Energy and Technology, 2015, , 135-156.	0.6	0
94	Efficient and highly selective boron-doped carbon materials-catalyzed reduction of nitroarenes. Chemical Communications, 2015, 51, 13086-13089.	4.1	84
95	Nanocarbons from rice husk by microwave plasma irradiation: From graphene and carbon nanotubes to graphenated carbon nanotube hybrids. Carbon, 2015, 94, 479-484.	10.3	81
96	Stable and solid pellets of functionalized multi-walled carbon nanotubes produced under high pressure and temperature. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	3
97	Microwave plasma-induced graphene-sheet fibers from waste coffee grounds. Journal of Materials Chemistry A, 2015, 3, 14545-14549.	10.3	22
98	High-temperature-induced growth of graphite whiskers from fullerene waste soot. Carbon, 2015, 90, 154-159.	10.3	11
99	Effects of nitrogen-doped multi-walled carbon nanotubes compared to pristine multi-walled carbon nanotubes on human small airway epithelial cells. Toxicology, 2015, 333, 25-36.	4.2	27
100	Low interfacial contact resistance of Al-graphene composites via interface engineering. Nanotechnology, 2015, 26, 215603.	2.6	9
101	Linear Carbon Chains under High-Pressure Conditions. Journal of Physical Chemistry C, 2015, 119, 10669-10676.	3.1	46
102	Linear carbon chains encapsulated in multiwall carbon nanotubes: Resonance Raman spectroscopy and transmission electron microscopy studies. Carbon, 2015, 90, 172-180.	10.3	63
103	Ultrasensitive gas detection of large-area boron-doped graphene. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14527-14532.	7.1	177
104	Molecular Dynamics Study of Carbon Nanotubes/Polyamide Reverse Osmosis Membranes: Polymerization, Structure, and Hydration. ACS Applied Materials & Interfaces, 2015, 7, 24566-24575.	8.0	58
105	Oil sorption by exfoliated graphite from dilute oil-water emulsion for practical applications in produced water treatments. Journal of Water Process Engineering, 2015, 8, 91-98.	5.6	26
106	Properties and Interfacial Structure Analysis of MWCNT/ESBS Composites. Industrial & Engineering Chemistry Research, 2015, 54, 8690-8698.	3.7	3
107	Boron-doped onion-like carbon with enriched substitutional boron: the relationship between electronic properties and catalytic performance. Journal of Materials Chemistry A, 2015, 3, 21805-21814.	10.3	81
108	Efficient Metal-Free Catalytic Reaction Pathway for Selective Oxidation of Substituted Phenols. ACS Catalysis, 2015, 5, 5921-5926.	11.2	31

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109	Ag/CNT nanocomposites and their single- and double-layer electromagnetic wave absorption properties. <i>Synthetic Metals</i> , 2015, 209, 383-388.	3.9	36
110	Radical scavenging reaction kinetics with multiwalled carbon nanotubes. <i>Carbon</i> , 2015, 83, 232-239.	10.3	21
111	Fabrication and Fracture Toughness of CNTs/Alumina Composites with Fine Microstructures. <i>Key Engineering Materials</i> , 2014, 617, 205-208.	0.4	0
112	Metalâ€“semiconductor transition like behavior of naphthalene-doped single wall carbon nanotube bundles. <i>Faraday Discussions</i> , 2014, 173, 145-156.	3.2	6
113	Electrochemical role of oxygen containing functional groups on activated carbon electrode. <i>RSC Advances</i> , 2014, 4, 62678-62683.	3.6	17
114	Controlling the Optical, Electrical and Chemical Properties of Carbon Inverse Opal by Nitrogen Doping. <i>Advanced Functional Materials</i> , 2014, 24, 2612-2619.	14.9	22
115	Quantitative characterization of acidic groups on acid-treated multi-walled carbon nanotubes using 1-aminopyrene as a fluorescent probe. <i>Carbon</i> , 2014, 66, 560-566.	10.3	10
116	Promotion of lung adenocarcinoma following inhalation exposure to multi-walled carbon nanotubes. <i>Particle and Fibre Toxicology</i> , 2014, 11, 3.	6.2	217
117	Rice Huskâ€“Derived Graphene with Nanoâ€“Sized Domains and Clean Edges. <i>Small</i> , 2014, 10, 2766-2770.	10.0	181
118	Safe Clinical Use of Carbon Nanotubes as Innovative Biomaterials. <i>Chemical Reviews</i> , 2014, 114, 6040-6079.	47.7	207
119	Enhanced CO ₂ adsorptivity of SWCNT by polycyclic aromatic hydrocarbon intercalation. <i>Adsorption</i> , 2014, 20, 301-309.	3.0	5
120	Importance of open, heteroatom-decorated edges in chemically doped-graphene for supercapacitor applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9532-9540.	10.3	91
121	Porous Materials: Controlling the Optical, Electrical and Chemical Properties of Carbon Inverse Opal by Nitrogen Doping (<i>Adv. Funct. Mater.</i> 18/2014). <i>Advanced Functional Materials</i> , 2014, 24, 2611-2611.	14.9	1
122	Structure changes of MPECVD-grown carbon nanosheets under high-temperature treatment. <i>Carbon</i> , 2014, 68, 360-368.	10.3	16
123	Pressureless Sintering of Carbon Nanofibre/SiC Composites and Their Properties. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 280-288.	2.1	5
124	Molybdenum-encapsulation modified the optical property of single walled carbon nanotubes. <i>RSC Advances</i> , 2014, 4, 54747-54751.	3.6	0
125	Defect-Assisted Heavily and Substitutionally Boron-Doped Thin Multiwalled Carbon Nanotubes Using High-Temperature Thermal Diffusion. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4454-4459.	3.1	17
126	Super-stretchable Graphene Oxide Macroscopic Fibers with Outstanding Knotability Fabricated by Dry Film Scrolling. <i>ACS Nano</i> , 2014, 8, 5959-5967.	14.6	170

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127	Pressure-Induced Selectivity for Probing Inner Tubes in Double- and Triple-Walled Carbon Nanotubes: A Resonance Raman Study. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8153-8158.	3.1	32
128	CO ₂ adsorption on crystalline graphitic nanostructures. <i>Journal of CO₂ Utilization</i> , 2014, 5, 60-65.	6.8	17
129	Activation routes for high surface area graphene monoliths from graphene oxide colloids. <i>Carbon</i> , 2014, 76, 220-231.	10.3	85
130	Synthesis of carbon nanosheets from Kapton polyimide by microwave plasma treatment. <i>Carbon</i> , 2014, 72, 421-424.	10.3	20
131	A selective way to create defects by the thermal treatment of fluorinated double walled carbon nanotubes. <i>Chinese Journal of Catalysis</i> , 2014, 35, 864-868.	14.0	7
132	Hydrogen-assisted pulsed KrF-laser irradiation for the in situ photoreduction of graphene oxide films. <i>Carbon</i> , 2014, 77, 857-867.	10.3	20
133	Surface modification of carbon nanofibers with SiC by heating different SiO vapor sources in argon atmosphere. <i>Journal of the Ceramic Society of Japan</i> , 2014, 122, 822-828.	1.1	5
134	Influence of CNF content on microstructure and fracture toughness of CNF/alumina composites. <i>Journal of the Ceramic Society of Japan</i> , 2014, 122, 292-299.	1.1	6
135	Double-walled carbon nanotubes: synthesis, structural characterization, and application. <i>Carbon Letters</i> , 2014, 15, 77-88.	5.9	35
136	Carbon Nanotubes and Other Carbon Materials. , 2014, , 628-642.		0
137	Acute pulmonary doseâ€“responses to inhaled multi-walled carbon nanotubes. <i>Nanotoxicology</i> , 2013, 7, 1179-1194.	3.0	165
138	Mechanically Tough, Electrically Conductive Polyethylene Oxide Nanofiber Web Incorporating DNA-Wrapped Double-Walled Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4150-4154.	8.0	20
139	Preparation of air-stable and highly conductive potassium-intercalated graphite sheet. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1482-1486.	4.0	9
140	Conducting linear chains of sulphur inside carbon nanotubes. <i>Nature Communications</i> , 2013, 4, 2162.	12.8	228
141	An efficient, reusable copper-oxide/carbon-nanotube catalyst for N-arylation of imidazole. <i>Carbon</i> , 2013, 62, 135-148.	10.3	90
142	A reversible strain-induced electrical conductivity in cup-stacked carbon nanotubes. <i>Nanoscale</i> , 2013, 5, 10212.	5.6	12
143	Effect of high-temperature thermal treatment on the structure and adsorption properties of reduced graphene oxide. <i>Carbon</i> , 2013, 52, 608-612.	10.3	110
144	Investigation of the Pulmonary Bioactivity of Double-Walled Carbon Nanotubes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 922-936.	2.3	14

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145	Structural analysis of nano structured carbon by transmission electron microscopy and image processing. Applied Surface Science, 2013, 275, 409-412.	6.1	11
146	Large Area Films of Alternating Graphene-Carbon Nanotube Layers Processed in Water. ACS Nano, 2013, 7, 10788-10798.	14.6	85
147	Dry Synthesis of Easily Tunable Nano Ruthenium Supported on Graphene: Novel Nanocatalysts for Aerial Oxidation of Alcohols and Transfer Hydrogenation of Ketones. Journal of Physical Chemistry C, 2013, 117, 23582-23596.	3.1	93
148	Boron-assisted coalescence of parallel multi-walled carbon nanotubes. RSC Advances, 2013, 3, 26266.	3.6	5
149	Carbon Nanotube Core Graphitic Shell Hybrid Fibers. ACS Nano, 2013, 7, 10971-10977.	14.6	18
150	Rapid Water Transportation through Narrow One-Dimensional Channels by Restricted Hydrogen Bonds. Langmuir, 2013, 29, 1077-1082.	3.5	40
151	Iron Particle Nanodrilling of Few Layer Graphene at Low Electron Beam Accelerating Voltages. Particle and Particle Systems Characterization, 2013, 30, 76-82.	2.3	9
152	Nanodrilling: Iron Particle Nanodrilling of Few Layer Graphene at Low Electron Beam Accelerating Voltages (Part. Part. Syst. Charact. 1/2013). Particle and Particle Systems Characterization, 2013, 30, 75-75.	2.3	0
153	Investigation on capacitive behaviors of porous Ni electrodes in ionic liquids. Electrochimica Acta, 2013, 105, 455-461.	5.2	12
154	Investigation on capacitive behaviors of porous Ni electrodes for electric double layer capacitors. Electrochimica Acta, 2013, 90, 408-415.	5.2	6
155	Facile and homogeneous decoration of RuO ₂ nanorods on graphene nanoplatelets for transfer hydrogenation of carbonyl compounds. Catalysis Science and Technology, 2013, 3, 1485.	4.1	44
156	Formation of Nitrogen-Doped Graphene Nanoribbons via Chemical Unzipping. ACS Nano, 2013, 7, 2192-2204.	14.6	80
157	Controlled interlayer spacing of scrolled reduced graphene nanotubes by thermal annealing. RSC Advances, 2013, 3, 4161.	3.6	13
158	Important roles of graphene edges in carbon-based energy storage devices. Journal of Energy Chemistry, 2013, 22, 183-194.	12.9	32
159	Formation and Properties of Selenium Double-Helices inside Double-Wall Carbon Nanotubes: Experiment and Theory. ACS Nano, 2013, 7, 5607-5613.	14.6	57
160	Controlled Synthesis and Transfer of Large-Area WS ₂ Sheets: From Single Layer to Few Layers. ACS Nano, 2013, 7, 5235-5242.	14.6	534
161	Galvanomagnetic properties of air-stable and highly conductive potassium-intercalated graphite sheet. Journal of Physics and Chemistry of Solids, 2013, 74, 1875-1878.	4.0	3
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