

Chong Rae Park

List of Publications by Year in descending order

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147
papers

10,465
citations

38742

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h-index

33894

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170
all docs

170
docs citations

170
times ranked

15672
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentration-driven polymorphic mesocrystal and morphosynthetic transformation toward omni-adsorbent with the widest range of pores. <i>Chemical Engineering Journal</i> , 2022, 433, 133871.	12.7	2
2	Highly Integrated, Wearable Carbon Nanotube Yarn-Based Thermoelectric Generators Achieved by Selective Inkjet-Printed Chemical Doping. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	19
3	High-Performance Thermoelectric Fabric Based on a Stitched Carbon Nanotube Fiber. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6257-6264.	8.0	43
4	High-throughput thermal plasma synthesis of Fe _x Co _{1-x} nano-chained particles with unusually high permeability and their electromagnetic wave absorption properties at high frequency (1–26 GHz). <i>Nanoscale</i> , 2021, 13, 12004-12016.	5.6	10
5	Surface energy modification of graphene oxide film by silanization co-functionalized with fluorine to maximize the moisture barrier property. <i>Synthetic Metals</i> , 2021, 277, 116770.	3.9	6
6	Nanostructured Inorganic Chalcogenide-Carbon Nanotube Yarn having a High Thermoelectric Power Factor at Low Temperature. <i>ACS Nano</i> , 2021, 15, 13118-13128.	14.6	24
7	One step “growth to spinning” of biaxially multilayered CNT web electrode for long cycling Li-O ₂ batteries. <i>Carbon</i> , 2021, 182, 318-326.	10.3	7
8	Bifunctional Graphene Oxide Hole-Transporting and Barrier Layers for Transparent Bifacial Flexible Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 8824-8831.	5.1	8
9	A New Class of Carbon Nanostructures for High-Performance Electro-Magnetic and Chemical Barriers. <i>Advanced Science</i> , 2021, 8, e2102718.	11.2	5
10	High-Performance, Wearable Thermoelectric Generator Based on a Highly Aligned Carbon Nanotube Sheet. <i>ACS Applied Energy Materials</i> , 2020, 3, 1199-1206.	5.1	43
11	Enhancing the cycle stability of Li-O ₂ batteries via functionalized carbon nanotube-based electrodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4263-4273.	10.3	15
12	Electro-stabilized homogeneous dispersion of boron nitride nanotubes in wide-range of solvents achieved by surface polarity modulation through pyridine attachment. <i>Nano Research</i> , 2020, 13, 344-352.	10.4	10
13	Band gap engineering of graphene oxide for ultrasensitive NO ₂ gas sensing. <i>Carbon</i> , 2020, 159, 175-184.	10.3	52
14	Molecular engineering of hydrocarbon membrane to substitute perfluorinated sulfonic acid membrane for proton exchange membrane fuel cell operation. <i>Materials Today Energy</i> , 2020, 17, 100483.	4.7	20
15	Lithium Ion Batteries: Atomic-Distributed Coordination State of Metal-Phenolic Compounds Enabled Low Temperature Graphitization for High-Performance Multioriented Graphite Anode (Small 33/2020). <i>Small</i> , 2020, 16, 2070182.	10.0	1
16	High-Energy Density Li-O ₂ Battery with a Polymer Electrolyte-Coated CNT Electrode via the Layer-by-Layer Method. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17385-17395.	8.0	21
17	Atomic-Distributed Coordination State of Metal-Phenolic Compounds Enabled Low Temperature Graphitization for High-Performance Multioriented Graphite Anode. <i>Small</i> , 2020, 16, e2003104.	10.0	16
18	Function-regeneration of non-porous hydrolyzed-MOF-derived materials. <i>Nano Research</i> , 2019, 12, 1921-1930.	10.4	14

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19	Direct spinning and densification method for high-performance carbon nanotube fibers. <i>Nature Communications</i> , 2019, 10, 2962.	12.8	126
20	Enhanced gas barrier property of stacking-controlled reduced graphene oxide films for encapsulation of polymer solar cells. <i>Carbon</i> , 2019, 150, 275-283.	10.3	18
21	Revisiting the Role of Graphene Quantum Dots in Ternary Organic Solar Cells: Insights into the Nanostructure Reconstruction and Effective Förster Resonance Energy Transfer. <i>ACS Applied Energy Materials</i> , 2019, 2, 8826-8835.	5.1	17
22	Demonstration of the nanosize effect of carbon nanomaterials on the dehydrogenation temperature of ammonia borane. <i>Nanoscale Advances</i> , 2019, 1, 4697-4703.	4.6	13
23	Versatile reorganization of metal-polyphenol coordination on CNTs for dispersion, assembly, and transformation. <i>Carbon</i> , 2019, 144, 402-409.	10.3	10
24	Characteristics tuning of graphene-oxide-based-graphene to various end-uses. <i>Energy Storage Materials</i> , 2018, 14, 8-21.	18.0	43
25	Rational Design of Nanostructured Functional Interlayer/Separator for Advanced Li-S Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1707411.	14.9	272
26	How can we make carbon nanotube yarn stronger?. <i>Composites Science and Technology</i> , 2018, 166, 95-108.	7.8	66
27	Extremely Vivid, Highly Transparent, and Ultrathin Quantum Dot Light-Emitting Diodes. <i>Advanced Materials</i> , 2018, 30, 1703279.	21.0	157
28	Macroscopically interconnected hierarchically porous carbon monolith by metal-phenolic coordination as an sorbent for multi-scale molecules. <i>Carbon</i> , 2018, 126, 190-196.	10.3	19
29	Rational Design of 1D Partially Graphitized N-Doped Hierarchical Porous Carbon with Uniaxially Packed Carbon Nanotubes for High-Performance Lithium-Ion Batteries. <i>ACS Nano</i> , 2018, 12, 11106-11119.	14.6	33
30	High-performance thermoelectric bracelet based on carbon nanotube ink printed directly onto a flexible cable. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19727-19734.	10.3	44
31	Revisit to the correlation of surface characteristic nature with performance of N-enriched carbon-based supercapacitor. <i>Carbon</i> , 2018, 140, 68-76.	10.3	15
32	Highly Enhanced Cycleability from High Crystalline Biaxially Aligned CNT Web for Li-Air Cathode Applications. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	1
33	Metal-Phenolic Carbon Nanocomposites for Robust and Flexible Energy-Storage Devices. <i>ChemSusChem</i> , 2017, 10, 1675-1682.	6.8	30
34	Secondary Interactions of Graphene Oxide on Liquid Crystal Formation and Stability. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600383.	2.3	12
35	Metal-Phenolic Carbon Nanocomposites for Robust and Flexible Energy-Storage Devices. <i>ChemSusChem</i> , 2017, 10, 1644-1644.	6.8	4
36	Crucial Role of Oxidation Debris of Carbon Nanotubes in Subsequent End-Use Applications of Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17552-17564.	8.0	10

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37	Influence of the physicochemical characteristics of reduced graphene oxides on the gas permeability of the barrier films for organic electronics. <i>Chemical Communications</i> , 2017, 53, 6573-6576.	4.1	6
38	High-modulus and strength carbon nanotube fibers using molecular cross-linking. <i>Carbon</i> , 2017, 118, 413-421.	10.3	83
39	Highly dispersible edge-selectively oxidized graphene with improved electrical performance. <i>Nanoscale</i> , 2017, 9, 1699-1708.	5.6	49
40	Rational design of exfoliated 1T MoS ₂ @CNT-based bifunctional separators for lithium sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23909-23918.	10.3	111
41	Chemically fluorinated graphene oxide for room temperature ammonia detection at ppb levels. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19116-19125.	10.3	83
42	Morphochemical imprinting of melamine cyanurate mesocrystals in glucose-derived carbon for high performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20635-20642.	10.3	31
43	Flexible and Robust Thermoelectric Generators Based on All-Carbon Nanotube Yarn without Metal Electrodes. <i>ACS Nano</i> , 2017, 11, 7608-7614.	14.6	191
44	Chemical modification of graphene oxide through poly(ethylene oxide)-conjugations. <i>Macromolecular Research</i> , 2017, 25, 452-460.	2.4	3
45	Guidelines for Tailored Chemical Functionalization of Graphene. <i>Chemistry of Materials</i> , 2017, 29, 307-318.	6.7	36
46	Carbon nanosheets by the graphenization of ungraphitizable isotropic pitch molecules. <i>Carbon</i> , 2017, 121, 479-489.	10.3	27
47	Easy preparation of partially-opened carbon nanotubes by simple air oxidation for high performance Liâ€S batteries. <i>RSC Advances</i> , 2016, 6, 113522-113526.	3.6	8
48	Size-engineered biocompatible polymeric nanophotosensitizer for locoregional photodynamic therapy of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 303-310.	5.0	11
49	Titration Method for the Identification of Surface Functional Groups. , 2016, , 273-286.		7
50	High-strength carbon nanotube/carbon composite fibers via chemical vapor infiltration. <i>Nanoscale</i> , 2016, 8, 18972-18979.	5.6	46
51	One step preparation and excellent performance of CNT yarn based flexible micro lithium ion batteries. <i>Energy Storage Materials</i> , 2016, 5, 1-7.	18.0	34
52	Highâ€Performance Thermoelectric Paper Based on Double Carrierâ€Filtering Processes at Nanowire Heterojunctions. <i>Advanced Energy Materials</i> , 2016, 6, 1502181.	19.5	157
53	Preparation and Exceptional Mechanical Properties of Bone-Mimicking Size-Tuned Graphene Oxide@Carbon Nanotube Hybrid Paper. <i>ACS Nano</i> , 2016, 10, 2184-2192.	14.6	62
54	Carbon science in 2016: Status, challenges and perspectives. <i>Carbon</i> , 2016, 98, 708-732.	10.3	261

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55	Bio-inspired graphene foam decorated with Pt nanoparticles for hydrogen storage at room temperature. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 5019-5027.	7.1	27
56	Hidden Second Oxidation Step of Hummers Method. <i>Chemistry of Materials</i> , 2016, 28, 756-764.	6.7	187
57	Partially unzipped carbon nanotubes for high-rate and stable lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 819-826.	10.3	76
58	One-pot titration methodology for the characterization of surface acidic groups on functionalized carbon nanotubes. <i>Carbon</i> , 2016, 96, 729-741.	10.3	17
59	Stabilization of Insoluble Discharge Products by Facile Aniline Modification for High Performance Li-S Batteries. <i>Advanced Energy Materials</i> , 2015, 5, 1500268.	19.5	51
60	The influence of microstructure of carbon nanotubes on the degree of length reduction during melt processing with polycarbonate. , 2015, , .		0
61	Wrapping SnO ₂ with porosity-tuned graphene as a strategy for high-rate performance in lithium battery anodes. <i>Carbon</i> , 2015, 85, 289-298.	10.3	51
62	Highly Reproducible Thermocontrolled Electrospun Fiber Based Organic Photovoltaic Devices. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4481-4487.	8.0	18
63	The effect of surface characteristics of reduced graphene oxide on the performance of a pseudocapacitor. <i>2D Materials</i> , 2015, 2, 014007.	4.4	18
64	Effect of microstructure and morphological properties of carbon nanotubes on the length reduction during melt processing. <i>Composites Science and Technology</i> , 2015, 112, 42-49.	7.8	9
65	Effect of polymer infiltration on structure and properties of carbon nanotube yarns. <i>Carbon</i> , 2015, 88, 60-69.	10.3	105
66	Role of oxygen functional groups in graphene oxide for reversible room-temperature NO ₂ sensing. <i>Carbon</i> , 2015, 91, 178-187.	10.3	183
67	Remarkable Conversion Between n- and p-Type Reduced Graphene Oxide on Varying the Thermal Annealing Temperature. <i>Chemistry of Materials</i> , 2015, 27, 7362-7369.	6.7	177
68	Easy Preparation of Self-Assembled High-Density Buckypaper with Enhanced Mechanical Properties. <i>Nano Letters</i> , 2015, 15, 190-197.	9.1	69
69	New insights into the oxidation of single-walled carbon nanotubes for the fabrication of transparent conductive films. <i>Carbon</i> , 2015, 81, 525-534.	10.3	16
70	Effect of annealing with pressure on tungsten film properties fabricated by atmospheric plasma spray. <i>Metals and Materials International</i> , 2014, 20, 1037-1042.	3.4	14
71	Effects of chirality and diameter of single-walled carbon nanotubes on their structural stability and solubility parameters. <i>RSC Advances</i> , 2014, 4, 33578.	3.6	3
72	Unusual thermopower of inhomogeneous graphene grown by chemical vapor deposition. <i>Applied Physics Letters</i> , 2014, 104, 021902.	3.3	13

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73	Theoretical guidelines to designing high performance energy storage device based on hybridization of lithium-ion battery and supercapacitor. <i>Journal of Power Sources</i> , 2014, 259, 1-14.	7.8	62
74	One step synthesis of sulfur-carbon nanosheet hybrids via a solid solvothermal reaction for lithium sulfur batteries. <i>RSC Advances</i> , 2014, 4, 3684-3690.	3.6	11
75	Enhanced water stability and CO ₂ gas sorption properties of a methyl functionalized titanium metal-organic framework. <i>New Journal of Chemistry</i> , 2014, 38, 2752-2755.	2.8	19
76	Preparation of PCDTBT nanofibers with a diameter of 20 nm and their application to air-processed organic solar cells. <i>Nanoscale</i> , 2014, 6, 2847.	5.6	26
77	Experimental consideration of the Hansen solubility parameters of as-produced multi-walled carbon nanotubes by inverse gas chromatography. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 17466.	2.8	32
78	Easy Preparation of Readily Self-Assembled High-Performance Graphene Oxide Fibers. <i>Chemistry of Materials</i> , 2014, 26, 5549-5555.	6.7	52
79	Facile preparation of reduced graphene oxide-based gas barrier films for organic photovoltaic devices. <i>Energy and Environmental Science</i> , 2014, 7, 3403-3411.	30.8	58
80	Solvent evaporation mediated preparation of hierarchically porous metal organic framework-derived carbon with controllable and accessible large-scale porosity. <i>Carbon</i> , 2014, 71, 294-302.	10.3	77
81	Conjugated Polymer/Photochromophore Binary Nanococktails: Bistable Photoswitching of Near-Infrared Fluorescence for In Vivo Imaging. <i>Advanced Materials</i> , 2013, 25, 5574-5580.	21.0	55
82	Water-Soluble Fluorinated and PEGylated Cyanostilbene Derivative: An Amphiphilic Building Block Forming Self-Assembled Organic Nanorods with Enhanced Fluorescence Emission. <i>Chemistry of Materials</i> , 2013, 25, 3288-3295.	6.7	58
83	Effect of Helmholtz Oscillation on Auto-shroud for APS Tungsten Carbide Coating. <i>Journal of Thermal Spray Technology</i> , 2013, 22, 756-763.	3.1	1
84	Preparation of a freestanding, macroporous reduced graphene oxide film as an efficient and recyclable sorbent for oils and organic solvents. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9427.	10.3	80
85	Determination of solubility parameters of single-walled and double-walled carbon nanotubes using a finite-length model. <i>RSC Advances</i> , 2013, 3, 4814.	3.6	30
86	Poly(oxyethylene sugaramide)s: unprecedented multihydroxyl building blocks for tumor-homing nanoassembly. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3437.	5.8	2
87	The effect of heating rate on porosity production during the low temperature reduction of graphite oxide. <i>Carbon</i> , 2013, 53, 73-80.	10.3	59
88	Ultrafast room-temperature reduction of graphene oxide to graphene with excellent dispersibility by lithium naphthalenide. <i>Carbon</i> , 2013, 63, 165-174.	10.3	23
89	Preparation and Exceptional Lithium Anodic Performance of Porous Carbon-Coated ZnO Quantum Dots Derived from a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2013, 135, 7394-7397.	13.7	482
90	Effect of solvents and thermal annealing on the morphology development of a novel block copolymer ionomer: a case study of sulfonated polystyrene-block-fluorinated polyisoprene. <i>Journal of Polymer Engineering</i> , 2013, 33, 49-59.	1.4	3

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91	Quantum Hall effect in graphene decorated with disordered multilayer patches. Applied Physics Letters, 2013, 103, .	3.3	39
92	Effect of solvents and thermal annealing on the morphology development of a novel block copolymer ionomer: a case study of sulfonated polystyrene-block-fluorinated polyisoprene; J. Polym. Eng. 2013, 33, 49-59. Journal of Polymer Engineering, 2013, 33, 191-191.	1.4	1
93	Effects of morphological characteristics of Pt nanoparticles supported on poly(acrylic acid)-wrapped multiwalled carbon nanotubes on electrochemical performance of direct methanol fuel cells. Journal of Materials Research, 2012, 27, 2035-2045.	2.6	6
94	Advanced energy storage device: a hybrid BatCap system consisting of battery-supercapacitor hybrid electrodes based on Li ₄ Ti ₅ O ₁₂ -activated-carbon hybrid nanotubes. Journal of Materials Chemistry, 2012, 22, 16986.	6.7	117
95	Influence of H ⁺ ion irradiation on the surface and microstructural changes of a nuclear graphite. Fusion Engineering and Design, 2012, 87, 344-351.	1.9	25
96	Recent advances in hydrogen storage technologies based on nanoporous carbon materials. Progress in Natural Science: Materials International, 2012, 22, 631-638.	4.4	80
97	General Relationship between Hydrogen Adsorption Capacities at 77 and 298 K and Pore Characteristics of the Porous Adsorbents. Journal of Physical Chemistry C, 2012, 116, 10529-10540.	3.1	50
98	Simple fabrication of carbon/TiO ₂ composite nanotubes showing dual functions with adsorption and photocatalytic decomposition of Rhodamine B. Nanotechnology, 2012, 23, 035604.	2.6	45
99	MOF-Derived Hierarchically Porous Carbon with Exceptional Porosity and Hydrogen Storage Capacity. Chemistry of Materials, 2012, 24, 464-470.	6.7	671
100	Preparation of Highly Moisture-Resistant Black-Colored Metal Organic Frameworks. Advanced Materials, 2012, 24, 4010-4013.	21.0	166
101	Surface modifications for the effective dispersion of carbon nanotubes in solvents and polymers. Carbon, 2012, 50, 3-33.	10.3	608
102	Simple and cost-effective reduction of graphite oxide by sulfuric acid. Carbon, 2012, 50, 3229-3232.	10.3	70
103	Effects of carbon dioxide and acidic carbon compounds on the analysis of Boehm titration curves. Carbon, 2012, 50, 1510-1516.	10.3	33
104	A simple method for determining the neutralization point in Boehm titration regardless of the CO ₂ effect. Carbon, 2012, 50, 3315-3323.	10.3	41
105	Effects of structural modifications on the hydrogen storage capacity of MOF-5. International Journal of Hydrogen Energy, 2012, 37, 5777-5783.	7.1	31
106	Preparation and photoluminescence (PL) performance of a nanoweb of P3HT nanofibers with diameters below 100 nm. Journal of Materials Chemistry, 2011, 21, 14231.	6.7	39
107	Preparation and electrochemical performance of hyper-networked Li ₄ Ti ₅ O ₁₂ /carbon hybrid nanofiber sheets for a battery-supercapacitor hybrid system. Nanotechnology, 2011, 22, 405402.	2.6	53
108	Si-doping effect on the enhanced hydrogen storage of single walled carbon nanotubes and graphene. International Journal of Hydrogen Energy, 2011, 36, 12286-12295.	7.1	87

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109	Oxidative stabilization of conjugated linoleic acid by one-pot PEGylation. <i>Macromolecular Research</i> , 2011, 19, 822-826.	2.4	1
110	MOF-derived ZnO and ZnO@C composites with high photocatalytic activity and adsorption capacity. <i>Journal of Hazardous Materials</i> , 2011, 186, 376-382.	12.4	116
111	Enhanced hydrogen storage capacity of Pt-loaded CNT@MOF-5 hybrid composites. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 13062-13067.	7.1	100
112	Effects of surrounding confinements of Si nanoparticles on Si-based anode performance for lithium ion batteries. <i>Electrochimica Acta</i> , 2010, 56, 790-796.	5.2	49
113	Concentration-Driven Evolution of Crystal Structure, Pore Characteristics, and Hydrogen Storage Capacity of Metal Organic Framework-5s: Experimental and Computational Studies. <i>Chemistry of Materials</i> , 2010, 22, 6138-6145.	6.7	18
114	Effect of multi-walled carbon nanotube dispersion on the electrical, morphological and rheological properties of polycarbonate/multi-walled carbon nanotube composites. <i>Macromolecular Research</i> , 2009, 17, 863-869.	2.4	58
115	Easy synthesis of highly nitrogen-enriched graphitic carbon with a high hydrogen storage capacity at room temperature. <i>Carbon</i> , 2009, 47, 1585-1591.	10.3	102
116	Catalyst-free and template-free preparation of semi-cylindrical carbon nanoribbons. <i>Carbon</i> , 2009, 47, 2391-2395.	10.3	5
117	A simple and highly effective process for the purification of single-walled carbon nanotubes synthesized with arc-discharge. <i>Carbon</i> , 2009, 47, 3544-3549.	10.3	28
118	Preparation and Enhanced Hydrostability and Hydrogen Storage Capacity of CNT@MOF-5 Hybrid Composite. <i>Chemistry of Materials</i> , 2009, 21, 1893-1897.	6.7	336
119	Regioselective succinylation and gelation behavior of glycol chitosan. <i>Macromolecular Research</i> , 2008, 16, 57-61.	2.4	10
120	Dual functions of ferrous sulfate as a pore-size controller and a carbon-yield enhancer in fabricating cellulose based porous carbons. <i>Fibers and Polymers</i> , 2008, 9, 160-165.	2.1	0
121	Facile preparation of monodisperse ZnO quantum dots with high quality photoluminescence characteristics. <i>Nanotechnology</i> , 2008, 19, 035609.	2.6	44
122	Highly fluorescent columnar liquid crystals with elliptical molecular shape: oblique molecular stacking and excited-state intramolecular proton-transfer fluorescence. <i>Journal of Materials Chemistry</i> , 2007, 17, 5052.	6.7	67
123	Controlled assembly of carbon nanotubes encapsulated with amphiphilic block copolymer. <i>Carbon</i> , 2007, 45, 2072-2078.	10.3	28
124	Hydrogen storage on Li-doped single-walled carbon nanotubes: Computer simulation using the density functional theory. <i>Catalysis Today</i> , 2007, 120, 407-412.	4.4	42
125	The enhanced anodic performance of highly crimped and crystalline nanofibrillar carbon in lithium-ion batteries. <i>Electrochimica Acta</i> , 2007, 53, 944-950.	5.2	6
126	Compressional behavior of carbon nanotube reinforced mesophase pitch-based carbon fibers. <i>Fibers and Polymers</i> , 2006, 7, 85-87.	2.1	13

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127	Accurate measurement of interlayer spacing value of carbon fibers using a silver foil as an internal standard. <i>Carbon</i> , 2006, 44, 1016-1019.	10.3	6
128	Preparation and characterization of self-assembled nanoparticles based on glycol chitosan bearing adriamycin. <i>Colloid and Polymer Science</i> , 2006, 284, 763-770.	2.1	47
129	Preparation and characterization of cisplatin-incorporated chitosan hydrogels, microparticles, and nanoparticles. <i>Macromolecular Research</i> , 2006, 14, 573-578.	2.4	34
130	Effects of sulfuric acid treatment on the microstructure and electrochemical performance of a polyacrylonitrile (PAN)-based carbon anode. <i>Carbon</i> , 2005, 43, 163-169.	10.3	48
131	Nanofibril Formation of Electrospun TiO ₂ Fibers and its Application to Dye-Sensitized Solar Cells. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005, 42, 1529-1540.	2.2	43
132	Specification for a standard procedure of X-ray diffraction measurements on carbon materials. <i>Carbon</i> , 2004, 42, 701-714.	10.3	414
133	Biodistribution and anti-tumor efficacy of doxorubicin loaded glycol-chitosan nanoaggregates by EPR effect. <i>Journal of Controlled Release</i> , 2003, 91, 135-145.	9.9	266
134	Contribution of inorganic components in precursors to porosity evolution in biomass-based porous carbons. <i>Carbon</i> , 2003, 41, 2009-2012.	10.3	31
135	Analysis of Problematic Complexing Behavior of Ferric Chloride with N,N-Dimethylformamide Using Combined Techniques of FT-IR, XPS, and TGA/DTG. <i>Inorganic Chemistry</i> , 2002, 41, 6211-6216.	4.0	109
136	Preparation and characteristics of rice-straw-based porous carbons with high adsorption capacity. <i>Fuel</i> , 2002, 81, 327-336.	6.4	191
137	Structural Characteristics of Size-Controlled Self-Aggregates of Deoxycholic Acid-Modified Chitosan and Their Application as a DNA Delivery Carrier. <i>Bioconjugate Chemistry</i> , 2001, 12, 932-938.	3.6	200
138	Syntheses of new film-forming aromatic poly(amide-imide)s containing isoindoloquinazolinone unit in the backbone: Poly(biphenylphthalicdianhydride-oxydianiline-4,4'-diamino-3'-carbamoyl-benzanilide) (poly(BPDA-ODA-DACB)). <i>Fibers and Polymers</i> , 2001, 2, 92-97.	2.1	1
139	Synthesis and polymerization mechanism of bisacetoacetamides. <i>Journal of Polymer Science Part A</i> , 2001, 39, 1456-1462.	2.3	5
140	Effects of pre-carbonization on porosity development of activated carbons from rice straw. <i>Carbon</i> , 2001, 39, 559-567.	10.3	106
141	Preparation and properties of activated carbon fabric from acrylic fabric waste. <i>Carbon</i> , 2000, 38, 1453-1460.	10.3	37
142	Preparation and Solubility in Acid and Water of Partially Deacetylated Chitins. <i>Biomacromolecules</i> , 2000, 1, 609-614.	5.4	199
143	Monte Carlo simulation of copolymerization by ester interchange reaction in miscible polyester blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 1637-1645.	2.1	15
144	Preparation of poly(ethylene terephthalate-co-isophthalate) by ester interchange reaction in the PET/PEI blend system. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 309-315.	2.1	32

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145	New modified poly(ethylene terephthalate) (MPET)-based adsorbent for heavy metal ions. Journal of Applied Polymer Science, 1997, 63, 773-778.	2.6	14
146	Effect of chemical structure on crystallization behavior of poly(phenylene alkylene dicarboxylate) (PPAD). Journal of Applied Polymer Science, 1997, 66, 1575-1582.	2.6	2
147	Compressional behaviour of carbon fibres. Journal of Materials Science, 1990, 25, 829-834.	3.7	65