Hyoung-Joon Jin

List of Publications by Year in Descending Order

201 papers	11,935 citations	46 h-index	106 g-index
207 ext. papers	13,028 ext. citations	6.6 avg, IF	6.5 L-index

#	Paper	IF	Citations
201	Potassium-ion storage behavior of microstructure-engineered hard carbons. *Journal of Materials Chemistry A*, **2022**, 10, 2055-2063	13	3
200	Cationic surface-modified regenerated nanocellulose hydrogel for efficient Cr(VI) remediation.. *Carbohydrate Polymers*, **2022**, 278, 118930	10.3	1
199	Intagliated Cu substrate containing multifunctional lithiophilic trenches for Li metal anodes. *Chemical Engineering Journal*, **2022**, 428, 130939	14.7	0
198	Waste-induced pyrolytic carbon nanotube forest as a catalytic host electrode for high-performance aluminum metal anodes. *Chemical Engineering Journal*, **2022**, 437, 135416	14.7	2
197	High-performance solid-solution potassium-ion intercalation mechanism of multilayered turbostratic graphene nanosheets. *Journal of Energy Chemistry*, **2021**,	12	3
196	Highly efficient Cr(VI) remediation by cationic functionalized nanocellulose beads.. *Journal of Hazardous Materials*, **2021**, 426, 128078	12.8	1
195	Surface-driven charge storage behaviors of Kenaf-derived carbon electrodes with hierarchical porous structure for lithium-ion capacitors. *Applied Surface Science*, **2021**, 544, 148979	6.7	3
194	Effect of cross-linkable bacterial cellulose nanocrystals on the physicochemical properties of silk sericin films. *Polymer Testing*, **2021**, 97, 107161	4.5	3
193	3D-structured organic-inorganic hybrid solid-electrolyte-interface layers for Lithium metal anode. *Energy Storage Materials*, **2021**, 37, 567-575	19.4	7
192	Effects of fluoroethylene carbonate-induced solid-electrolyte-interface layers on carbon-based anode materials for potassium ion batteries. *Applied Surface Science*, **2021**, 547, 149193	6.7	11
191	Relationship between Multivalent Cation Charge Carriers and Organic Solvents on Nanoporous Carbons in 4 V-Window Magnesium Ion Supercapacitors. *Advanced Energy Materials*, **2021**, 11, 2101054	21.8	6
190	Unveiling the pseudocapacitive effects of ultramesopores on nanoporous carbon. *Applied Surface Science*, **2021**, 537, 148037	6.7	3
189	Aquatic polymer-based edible films of fish gelatin crosslinked with alginate dialdehyde having enhanced physicochemical properties. *Carbohydrate Polymers*, **2021**, 254, 117317	10.3	30
188	Antioxidant and UV-blocking glucose-crosslinked sericin films with enhanced structural integrity. *Reactive and Functional Polymers*, **2021**, 165, 104942	4.6	2
187	Relationship between Multivalent Cation Charge Carriers and Organic Solvents on Nanoporous Carbons in 4 V-Window Magnesium Ion Supercapacitors (Adv. Energy Mater. 30/2021). *Advanced Energy Materials*, **2021**, 11, 2170122	21.8	
186	Silk Protein-Derived carbon fabric as an electrode with high Electro-Catalytic activity for All-Vanadium redox flow batteries. *Applied Surface Science*, **2021**, 567, 150810	6.7	3
185	Silk Sericin-Polyethyleneimine Hybrid Hydrogel with Excellent Structural Stability for Cr(VI) Removal. *Macromolecular Research*, **2021**, 29, 895-904	1.9	0

184	Nano-patching defects of reduced graphene oxide by cellulose nanocrystals in scalable polymer nanocomposites. *Carbon*, **2020**, 165, 18-25	10.4	5
183	Improvement in Barrier Properties Using a Large Lateral Size of Exfoliated Graphene Oxide. *Macromolecular Research*, **2020**, 28, 709-713	1.9	6
182	Multiscale Hybridization of Natural Silk/Nanocellulose Fibrous Composites With Exceptional Mechanical Properties. *Frontiers in Materials*, **2020**, 7,	4	4
181	Atomic-Distributed Coordination State of Metal-Phenolic Compounds Enabled Low Temperature Graphitization for High-Performance Multioriented Graphite Anode. *Small*, **2020**, 16, e2003104	11	8
180	Synergistic combination of nanostructured sodium metal anode and capacitive cathode for advanced non-aqueous hybrid capacitors. *Applied Surface Science*, **2020**, 513, 145848	6.7	1
179	Waste Sawdust-Derived Nanoporous Carbon as a Positive Electrode for Lithium-Ion Storage. *Macromolecular Research*, **2020**, 28, 1204-1210	1.9	2
178	Chemical and physical reinforcement of hydrophilic gelatin film with di-aldehyde nanocellulose. *International Journal of Biological Macromolecules*, **2020**, 146, 332-342	7.9	33
177	Chemical and physical reinforcement behavior of dialdehyde nanocellulose in PVA composite film: A comparison of nanofiber and nanocrystal. *Carbohydrate Polymers*, **2020**, 232, 115771	10.3	47
176	Effects of Carbon-Based Electrode Materials for Excess Sodium Metal Anode Engineered Rechargeable Sodium Batteries. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 17697-17706	8.3	3
175	Electrolyte-Dependent Sodium Ion Transport Behaviors in Hard Carbon Anode. *Small*, **2020**, 16, e2001053	11	8
174	Advances in the Design of 3D-Structured Electrode Materials for Lithium-Metal Anodes. *Advanced Materials*, **2020**, 32, e2002193	24	65
173	Synthesis and Electrorheological Response of Graphene Oxide/Polydiphenylamine Microsheet Composite Particles. *Polymers*, **2020**, 12,	4.5	3
172	Nitrogen-Rich Magnetic Bio-Activated Carbon from Sericin: A Fast Removable and Easily Separable Superadsorbent for Anionic Dye Removal. *Macromolecular Research*, **2020**, 28, 986-996	1.9	7
171	Lithium Ion Batteries: Atomic-Distributed Coordination State of Metal-Phenolic Compounds Enabled Low Temperature Graphitization for High-Performance Multioriented Graphite Anode (Small 33/2020). *Small*, **2020**, 16, 2070182	11	0
170	Lithium-Metal Anodes: Advances in the Design of 3D-Structured Electrode Materials for Lithium-Metal Anodes (Adv. Mater. 51/2020). *Advanced Materials*, **2020**, 32, 2070386	24	5
169	High-performance nanohybrid anode based on FeS2 nanocubes and nitrogen-rich graphene oxide nanoribbons for sodium ion batteries. *Journal of Industrial and Engineering Chemistry*, **2020**, 81, 61-66	6.3	6
168	Magnesiophilic Graphitic Carbon Nanosubstrate for Highly Efficient and Fast-Rechargeable Mg Metal Batteries. *ACS Applied Materials & Interfaces*, **2019**, 11, 38754-38761	9.5	12
167	All-Fibrous Pyroprotein-Based Monolithic Electrodes Containing Heteroatoms for Sodium-Ion Hybrid Capacitors. *Macromolecular Research*, **2019**, 27, 497-503	1.9	3

166	Magnetomotility of untethered helical soft robots.. *RSC Advances*, **2019**, 9, 11272-11280	3.7	26
165	Prevention of cellulose nanofibril agglomeration during dehydration and enhancement of redispersibility by hydrophilic gelatin. *Cellulose*, **2019**, 26, 4357-4369	5.5	21
164	Catalytic Pyroprotein Seed Layers for Sodium Metal Anodes. *ACS Applied Materials & Interfaces* , **2019**, 11, 12401-12407	9.5	18
163	Quantitative characterization of a voltage-dependent pseudocapacitance on heteroatom-enriched nanoporous carbons. *Electrochimica Acta*, **2019**, 302, 71-77	6.7	6
162	Anode-Free Sodium Metal Batteries Based on Nanohybrid Core-Shell Templates. *Small*, **2019**, 15, e1901274	11.4	21
161	Waste Beverage Coffee-Induced Hard Carbon Granules for Sodium-Ion Batteries. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 12734-12740	8.3	22
160	Sodium Metal Batteries: Anode-Free Sodium Metal Batteries Based on Nanohybrid Core–Shell Templates (Small 37/2019). *Small*, **2019**, 15, 1970201	11	
159	Sodium metal hybrid capacitors based on nanostructured carbon materials. *Journal of Power Sources*, **2019**, 418, 218-224	8.9	3
158	High-toughness natural polymer nonwoven preforms inspired by silkworm cocoon structure. *International Journal of Biological Macromolecules*, **2019**, 127, 146-152	7.9	11
157	Pyroprotein-Derived Hard Carbon Fibers Exhibiting Exceptionally High Plateau Capacities for Sodium Ion Batteries. *ACS Applied Energy Materials*, **2019**, 2, 1185-1191	6.1	20
156	Sodium-Ion Batteries: Macroporous Catalytic Carbon Nanotemplates for Sodium Metal Anodes (Adv. Energy Mater. 6/2018). *Advanced Energy Materials*, **2018**, 8, 1870027	21.8	4
155	Pyrolytic Carbon Nanosheets for Ultrafast and Ultrastable Sodium-Ion Storage. *Small*, **2018**, 14, e1703043	11	19
154	Pyroprotein-based electronic textiles with high thermal durability. *Materials Today*, **2018**, 21, 944-950	21.8	4
153	Nanoconfinement effects of chemically reduced graphene oxide nanoribbons on poly(vinyl chloride). *Nanoscale*, **2018**, 10, 2025-2033	7.7	11
152	High-performance Li-ion hybrid supercapacitors based on microporous pyropolymer nanoplates and orthorhombic Nb 2 O 5 nanocomposites. *Journal of Industrial and Engineering Chemistry*, **2018**, 57, 284-289	6.3	5
151	Standalone macroporous graphitic nanowebs for vanadium redox flow batteries. *Journal of Industrial and Engineering Chemistry*, **2018**, 60, 85-90	6.3	5
150	Facile and green fabrication of silk sericin films reinforced with bamboo-derived cellulose nanofibrils. *Journal of Cleaner Production*, **2018**, 200, 1034-1042	10.3	30
149	Sulfur-Doped Carbon Nanotemplates for Sodium Metal Anodes. *ACS Applied Energy Materials*, **2018**, 1, 1846-1852	6.1	23

148	Promoting Helix-Rich Structure in Silk Fibroin Films through Molecular Interactions with Carbon Nanotubes and Selective Heating for Transparent Biodegradable Devices. *ACS Applied Nano Materials*, **2018**, 1, 5441-5450	5.6	10
147	Surface-Modified Cellulose Nanocrystal-incorporated Poly(butylene succinate) Nanocomposites. *Fibers and Polymers*, **2018**, 19, 1395-1402	2	6
146	Macroporous Catalytic Carbon Nanotemplates for Sodium Metal Anodes. *Advanced Energy Materials*, **2018**, 8, 1701261	21.8	58
145	Sericin-derived activated carbon-loaded alginate bead: An effective and recyclable natural polymer-based adsorbent for methylene blue removal. *International Journal of Biological Macromolecules*, **2018**, 120, 906-914	7.9	18
144	Understanding hydroscopic properties of silk fibroin and its use as a gate-dielectric in organic field-effect transistors. *Organic Electronics*, **2018**, 59, 213-219	3.5	15
143	Flexible Graphene Stacks for Sodium-Ion Storage. *ChemElectroChem*, **2017**, 4, 716-720	4.3	16
142	High-Performance Asymmetric Li-Ion Pseudocapacitors Based on Pyroprotein Nanowebs. *ChemElectroChem*, **2017**, 4, 2079-2083	4.3	1
141	Hierarchically nanoporous pyropolymer nanofibers for surface-induced sodium-ion storage. *Electrochimica Acta*, **2017**, 242, 38-46	6.7	14
140	Asymmetric Energy Storage Devices Based on Surface-Driven Sodium-Ion Storage. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 616-624	8.3	26
139	Pyroprotein-Based Electronic Textiles with High Stability. *Advanced Materials*, **2017**, 29, 1605479	24	37
138	Amphicharge-Storable Pyropolymers Containing Multitiered Nanopores. *Advanced Energy Materials* , **2017**, 7, 1700629	21.8	29
137	Tin Sulfide-Based Nanohybrid for High-Performance Anode of Sodium-Ion Batteries. *Small*, **2017**, 13, 1700767	11	25
136	Sulfur-doped, reduced graphene oxide nanoribbons for sodium-ion batteries. *Materials Letters*, **2017**, 198, 106-109	3.3	17
135	Three-dimensionally branched carbon nanowebs as air-cathode for redox-mediated Li-O2 batteries. *Carbon*, **2017**, 118, 114-119	10.4	26
134	Long-Lasting NbO-Based Nanocomposite Materials for Li-Ion Storage. *ACS Applied Materials & Interfaces*, **2017**, 9, 2267-2274	9.5	67
133	All-carbon-based cathode for a true high-energy-density Li-O2 battery. *Carbon*, **2017**, 114, 311-316	10.4	24
132	Conversion Reaction of Copper Sulfide Based Nanohybrids for Sodium-Ion Batteries. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 9802-9808	8.3	36
131	Corn Stem-Derived, Hierarchically Nanoporous Carbon as Electrode Material for Supercapacitors. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 7729-7734	1.3	3

130	Synergistic catalytic effects of oxygen and nitrogen functional groups on active carbon electrodes for all-vanadium redox flow batteries. *RSC Advances*, **2017**, 7, 43227-43232	3.7	21
129	Ultra strong pyroprotein fibres with long-range ordering. *Nature Communications*, **2017**, 8, 74	17.4	37
128	Fallen-leaf-derived microporous pyropolymers for supercapacitors. *Journal of Industrial and Engineering Chemistry*, **2017**, 45, 223-228	6.3	25
127	Nanoporous pyropolymer nanosheets fabricated from renewable bio-resources for supercapacitors. *Journal of Industrial and Engineering Chemistry*, **2016**, 43, 158-163	6.3	11
126	Alkylated and restored graphene oxide nanoribbon-reinforced isotactic-polypropylene nanocomposites. *Carbon*, **2016**, 108, 274-282	10.4	25
125	Citrus-Peel-Derived, Nanoporous Carbon Nanosheets Containing Redox-Active Heteroatoms for Sodium-Ion Storage. *ACS Applied Materials & Interfaces*, **2016**, 8, 3175-81	9.5	68
124	Dispersion stability of chemically reduced graphene oxide nanoribbons in organic solvents. *RSC Advances*, **2016**, 6, 19389-19393	3.7	22
123	Critical role of silk fibroin secondary structure on the dielectric performances of organic thin-film transistors. *RSC Advances*, **2016**, 6, 5907-5914	3.7	13
122	Crumpled graphene paper for high power sodium battery anode. *Carbon*, **2016**, 99, 658-664	10.4	68
121	Waste coffee grounds-derived nanoporous carbon nanosheets for supercapacitors. *Carbon Letters*, **2016**, 19, 66-71	2.3	34
120	Morphologies and surface properties of cellulose-based activated carbon nanoplates. *Carbon Letters*, **2016**, 20, 32-38	2.3	5
119	3D interconnected macrostructure based on nano-scale pyroprotein units for energy storage. *Electrochimica Acta*, **2016**, 222, 1887-1894	6.7	2
118	Restoration of thermally reduced graphene oxide by atomic-level selenium doping. *NPG Asia Materials*, **2016**, 8, e338-e338	10.3	31
117	High and rapid alkali cation storage in ultramicroporous carbonaceous materials. *Journal of Power Sources*, **2016**, 313, 142-151	8.9	37
116	Sodium-ion supercapacitors based on nanoporous pyroproteins containing redox-active heteroatoms. *Journal of Power Sources*, **2016**, 329, 536-545	8.9	20
115	Energy storage capabilities of nitrogen-enriched pyropolymer nanoparticles fabricated through rapid pyrolysis. *Journal of Power Sources*, **2016**, 331, 507-514	8.9	8
114	Fluorous-inorganic hybrid dielectric materials for solution-processed electronic devices. *New Journal of Chemistry*, **2015**, 39, 836-842	3.6	12
113	Sodium-Ion Storage in Pyroprotein-Based Carbon Nanoplates. *Advanced Materials*, **2015**, 27, 6914-21	24	107

112	Microporous carbon nanosheets with redox-active heteroatoms for pseudocapacitive charge storage. *Nanoscale*, **2015**, 7, 15051-8	7.7	55
111	Ultra-Thin Hollow Carbon Nanospheres for Pseudocapacitive Sodium-Ion Storage. *ChemElectroChem*, **2015**, 2, 359-365	4.3	63
110	Carbonization of a stable β-sheet-rich silk protein into a pseudographitic pyroprotein. *Nature Communications*, **2015**, 6, 7145	17.4	147
109	Sulfur-enriched, hierarchically nanoporous carbonaceous materials for sodium-ion storage. *Synthetic Metals*, **2015**, 210, 357-362	3.6	6
108	Hierarchically porous carbon nanosheets from waste coffee grounds for supercapacitors. *ACS Applied Materials & Interfaces*, **2015**, 7, 3684-90	9.5	213
107	Cellulose nanofiber-reinforced silk fibroin composite film with high transparency. *Fibers and Polymers*, **2014**, 15, 215-219	2	17
106	Free-standing graphene-based nanohybrid paper electrode as an anode for lithium-ion batteries. *RSC Advances*, **2014**, 4, 38310-38315	3.7	3
105	High-performance supercapacitors based on defect-engineered carbon nanotubes. *Carbon*, **2014**, 80, 246-254	10.4	59
104	Carbon nanofibers prepared by the carbonization of self-assembled cellulose nanocrystals. *Macromolecular Research*, **2014**, 22, 753-756	1.9	17
103	Carbon aerogels based on regenerated silk proteins and graphene oxide for supercapacitors. *Macromolecular Research*, **2014**, 22, 509-514	1.9	26
102	Effects of sulfur doping on graphene-based nanosheets for use as anode materials in lithium-ion batteries. *Journal of Power Sources*, **2014**, 262, 79-85	8.9	183
101	High-performance supercapacitors based on freestanding carbon-based composite paper electrodes. *Journal of Power Sources*, **2014**, 246, 540-547	8.9	26
100	Influence of cellulose nanofibers on the morphology and physical properties of poly(lactic acid) foaming by supercritical carbon dioxide. *Macromolecular Research*, **2013**, 21, 529-533	1.9	39
99	Cellulose nanowhisker-incorporated poly(lactic acid) composites for high thermal stability. *Fibers and Polymers*, **2013**, 14, 1001-1005	2	23
98	Enhanced mechanical properties of silk fibroin-based composite plates for fractured bone healing. *Fibers and Polymers*, **2013**, 14, 266-270	2	18
97	3-D ordered bimodal porous carbon/nickel oxide hybrid electrodes for supercapacitors. *Synthetic Metals*, **2013**, 177, 105-109	3.6	2
96	Free-standing heterogeneous hybrid papers based on mesoporous δ-MnO2 particles and carbon nanotubes for lithium-ion battery anodes. *Journal of Power Sources*, **2013**, 244, 747-751	8.9	46
95	Enhanced dielectric properties of electrospun titanium dioxide/polyvinylidene fluoride nanofibrous composites. *Fibers and Polymers*, **2013**, 14, 1521-1525	2	12

94	Pentacene crystal formation on the surface of silk fibroin films. *Fibers and Polymers*, **2013**, 14, 2006-2009	2	4
93	Electrochemical performance of heteroatom-enriched amorphous carbon with hierarchical porous structure as anode for lithium-ion batteries. *Materials Letters*, **2013**, 108, 311-315	3.3	25
92	Microporous carbon nanoplates from regenerated silk proteins for supercapacitors. *Advanced Materials*, **2013**, 25, 1993-8	24	421
91	Hierarchically porous carbon nanofibers containing numerous heteroatoms for supercapacitors. *Journal of Power Sources*, **2013**, 234, 285-291	8.9	77
90	Amorphous carbon nanotube/MnO2/graphene oxide ternary composite electrodes for electrochemical capacitors. *Journal of Nanoscience and Nanotechnology*, **2013**, 13, 1765-8	1.3	9
89	Applications of Carbon Nanotubes for Lithium Ion Battery Anodes. *Materials*, **2013**, 6, 1138-1158	3.5	108
88	Polyaniline nanofiber-coated polystyrene/graphene oxide core-shell microsphere composites. *Macromolecular Research*, **2012**, 20, 84-92	1.9	26
87	Silk fibroin particles as templates for mineralization of calcium-deficient hydroxyapatite. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2012**, 100, 2029-34	3.5	15
86	3D hierarchical porous carbons containing numerous nitrogen atoms as catalyst supports for PEMFCs. *Synthetic Metals*, **2012**, 162, 2337-2341	3.6	16
85	Nitrogen-enriched multimodal porous carbons for supercapacitors, fabricated from inclusion complexes hosted by urea hydrates. *RSC Advances*, **2012**, 2, 4353	3.7	25
84	Controlling the Aspect Ratio of Silver Nanowires by Variation of Polyvinylpyrrolidone/AgNO3 Contents. *Molecular Crystals and Liquid Crystals*, **2012**, 566, 112-119	0.5	2
83	Transparent conducting films based on graphene oxide/silver nanowire hybrids with high flexibility. *Synthetic Metals*, **2012**, 162, 1364-1368	3.6	60
82	Polyaniline/Silver Nanoparticle-Doped Multiwalled Carbon Nanotube Composites. *Journal of Dispersion Science and Technology*, **2012**, 33, 750-755	1.5	21
81	Difference of dispersion behavior between graphene oxide and oxidized carbon nanotubes in polar organic solvents. *Current Applied Physics*, **2012**, 12, 637-642	2.6	45
80	Pseudocapacitive Effects of N-Doped Carbon Nanotube Electrodes in Supercapacitors. *Materials*, **2012**, 5, 1258-1266	3.5	60
79	Dispersion of Pt Nanoparticle-Doped Reduced Graphene Oxide Using Aniline as a Stabilizer. *Materials*, **2012**, 5, 2927-2936	3.5	19
78	Porous graphene/carbon nanotube composite cathode for proton exchange membrane fuel cell. *Synthetic Metals*, **2011**, 161, 2460-2465	3.6	52
77	Incorporation of multiwalled carbon nanotubes on the surface of polystyrene microspheres via In Situ suspension polymerization. *Macromolecular Research*, **2011**, 19, 227-232	1.9	9

76	Enhanced impact properties of polylactide by poly(lactide-b-butadiene-b-lactide) triblock copolymer. *Macromolecular Research*, **2011**, 19, 943-947	1.9	17
75	Reinforcing effects of adding alkylated graphene oxide to polypropylene. *Carbon*, **2011**, 49, 3553-3559	10.4	115
74	Multiwalled Carbon Nanotubes-Embedded Electrospun Bacterial Cellulose Nanofibers. *Molecular Crystals and Liquid Crystals*, **2010**, 519, 169-178	0.5	29
73	Porous carbon nanotube electrodes supported by natural polymeric membranes for PEMFC. *Synthetic Metals*, **2010**, 160, 561-565	3.6	35
72	Flow-Induced Liquid Crystalline Solutions Prepared from Aspect Ratio-Controlled Bacterial Cellulose Nanowhiskers. *Molecular Crystals and Liquid Crystals*, **2010**, 519, 141-148	0.5	9
71	Modification and applications of bacterial celluloses in polymer science. *Macromolecular Research*, **2010**, 18, 309-320	1.9	85
70	Morphological effects of alkylated multiwalled carbon nanotubes on poly(L-lactic acid)-based composites. *Macromolecular Research*, **2010**, 18, 828-833	1.9	13
69	Aspect ratio control of acid modified multiwalled carbon nanotubes. *Current Applied Physics*, **2010**, 10, 1046-1052	2.6	30
68	Electrically conductive transparent films based on nylon 6 membranes and single-walled carbon nanotubes. *Current Applied Physics*, **2010**, 10, S468-S472	2.6	12
67	Percolation of two-dimensional multiwall carbon nanotube networks. *Applied Physics Letters*, **2009**, 95, 134104	3.4	19
66	ELECTROCONDUCTIVE ADHESIVES BASED ON POLYURETHANE WITH MULTIWALLED CARBON NANOTUBES. *Modern Physics Letters B*, **2009**, 23, 3739-3745	1.6	4
65	Preparation of Aspect Ratio-Controlled Carbon Nanotubes. *Molecular Crystals and Liquid Crystals*, **2009**, 510, 79/[1213]-86/[1220]	0.5	5
64	Transparent conducting films based on nanofibrous polymeric membranes and single-walled carbon nanotubes. *Journal of Applied Polymer Science*, **2009**, 114, 2864-2872	2.9	15
63	Transparent nanocomposites prepared by incorporating microbial nanofibrils into poly(l-lactic acid). *Current Applied Physics*, **2009**, 9, S69-S71	2.6	51
62	Dispersity and stability measurements of functionalized multiwalled carbon nanotubes in organic solvents. *Current Applied Physics*, **2009**, 9, e100-e103	2.6	16
61	Synthesis of bacterial celluloses in multiwalled carbon nanotube-dispersed medium. *Carbohydrate Polymers*, **2009**, 77, 457-463	10.3	35
60	Silk protein as a fascinating biomedical polymer: Structural fundamentals and applications. *Macromolecular Research*, **2009**, 17, 935-942	1.9	35
59	Preparation, properties and application of polyamide/carbon nanotube nanocomposites. *Macromolecular Research*, **2009**, 17, 207-217	1.9	29

58	Multiwalled carbon nanotube cryogels with aligned and non-aligned porous structures. *Polymer*, **2009**, 50, 2786-2792	3.9	48
57	Preparation of multiwalled carbon nanotubes incorporated silk fibroin nanofibers by electrospinning. *Current Applied Physics*, **2009**, 9, S95-S97	2.6	41
56	Regenerated bacterial cellulose/multi-walled carbon nanotubes composite fibers prepared by wet-spinning. *Current Applied Physics*, **2009**, 9, e96-e99	2.6	81
55	pH-sensitive multiwalled carbon nanotube dispersion with silk fibroins. *Biomacromolecules*, **2009**, 10, 82-6	6.9	31
54	The effect of chitosan content on the crystallinity, thermal stability, and mechanical properties of bacterial cellulose□chitosan composites. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, **2009**, 223, 2225-2230	1.3	20
53	Thermal Properties of Poly(□Caprolactone)/Multiwalled Carbon Nanotubes Composites. *Advanced Composite Materials*, **2008**, 17, 157-166	2.8	13
52	Preparation and Characterization of Poly(p-phenylene terephthalamide)/Multiwalled Carbon Nanotube Composites via in-situ Polymerization. *Molecular Crystals and Liquid Crystals*, **2008**, 492, 20/[384]-27/[391]	0.5	1
51	SILK FIBROIN FILMS CRYSTALLIZED BY MULTIWALLED CARBON NANOTUBES. *International Journal of Modern Physics B*, **2008**, 22, 1807-1812	1.1	5
50	DISPERSITY AND STABILITY MEASUREMENT OF FUNCTIONALIZED MULTIWALLED CARBON NANOTUBES IN ALCOHOLS. *Modern Physics Letters B*, **2008**, 22, 2493-2501	1.6	4
49	Electrically Conductive Polymeric Nanocomposites Prepared in Alcohol Dispersion of Multiwalled Carbon Nanotubes. *Molecular Crystals and Liquid Crystals*, **2008**, 491, 255-263	0.5	4
48	pH-Triggered transition of silk fibroin from spherical micelles to nanofibrils in water. *Macromolecular Research*, **2008**, 16, 539-543	1.9	24
47	Fluorescent silk fibroin nanoparticles prepared using a reverse microemulsion. *Macromolecular Research*, **2008**, 16, 604-608	1.9	35
46	Poly(methyl methacrylate)/multiwalled carbon nanotube microspheres fabricated via in-situ dispersion polymerization. *Journal of Polymer Science, Part B: Polymer Physics*, **2008**, 46, 182-189	2.6	19
45	Electrically conductive transparent papers using multiwalled carbon nanotubes. *Journal of Polymer Science, Part B: Polymer Physics*, **2008**, 46, 1235-1242	2.6	57
44	Polystyrene composites containing crosslinked polystyrene-multiwalled carbon nanotube balls. *Journal of Applied Polymer Science*, **2008**, 110, 3737-3744	2.9	7
43	Location-selective incorporation of multiwalled carbon nanotubes in polycarbonate microspheres. *Polymer*, **2008**, 49, 2071-2076	3.9	29
42	Multiple light scattering measurement and stability analysis of aqueous carbon nanotube dispersions. *Journal of Physics and Chemistry of Solids*, **2008**, 69, 1209-1212	3.9	56
41	Thermal and electrical conductivity of poly(l-lactide)/multiwalled carbon nanotube nanocomposites. *Current Applied Physics*, **2008**, 8, 803-806	2.6	59

40	Preparation of carbon nanotubes-incorporated polymeric microspheres for electrorheological fluids. *Current Applied Physics*, **2008**, 8, 807-809	2.6	7
39	Real-time observation of electrorheological fluids using synchrotron X-ray imaging. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 313-314, 557-561	5.1	1
38	Preparation of superhydrophobic polystyrene membranes by electrospinning. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 313-314, 411-414	5.1	104
37	Thermal and electrical properties of poly(l-lactide)-graft-multiwalled carbon nanotube composites. *European Polymer Journal*, **2007**, 43, 1729-1735	5.2	90
36	Preparation and characterization of poly[(butylene succinate)-co-(butylene adipate)]/carbon nanotube-coated silk fiber composites. *Polymer International*, **2007**, 56, 1035-1039	3.3	16
35	Nylon 610/functionalized multiwalled carbon nanotubes composites by in situ interfacial polymerization. *Materials Letters*, **2007**, 61, 2251-2254	3.3	28
34	Electrically conducting electrospun silk membranes fabricated by adsorption of carbon nanotubes. *Colloid and Polymer Science*, **2007**, 285, 1163-1167	2.4	33
33	Electrically Conducting Polymeric Microspheres Prepared by Adsorption of Multiwalled Carbon Nanotubes. *Molecular Crystals and Liquid Crystals*, **2007**, 464, 57/[639]-64/[646]	0.5	1
32	Carbon Nanotube-Organized Polymeric Fibers and Measurement of Their Electrical Conductivity. *Molecular Crystals and Liquid Crystals*, **2007**, 464, 15/[597]-21/[603]	0.5	3
31	Multiwalled Carbon Nanotube-Reinforced Poly(vinyl chloride). *Macromolecular Symposia*, **2007**, 249-250, 259-264	0.8	12
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