

# Wei-Hong Zhong

## List of Publications by Year in descending order

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136  
papers

4,594  
citations

94433

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123424

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136  
docs citations

136  
times ranked

5559  
citing authors

#	ARTICLE	IF	CITATIONS
1	A protein-enabled protective film with functions of self-adapting and anion-anchoring for stabilizing lithium-metal batteries. <i>Journal of Energy Chemistry</i> , 2022, 64, 485-495.	12.9	20
2	Numerical simulation of a cavity receiver enhanced with transparent aerogel for parabolic dish solar power generation. <i>Energy</i> , 2022, 246, 123358.	8.8	11
3	Mechanical performance of a CFRP composite reinforced <i>via</i> gelatin-CNTs: A study on fiber interfacial enhancement and matrix enhancement. <i>Nanotechnology Reviews</i> , 2022, 11, 625-636.	5.8	6
4	Natural protein as novel additive of a commercial electrolyte for Long-Cycling lithium metal batteries. <i>Chemical Engineering Journal</i> , 2022, 437, 135283.	12.7	7
5	Tailoring bimodal protein fabrics for enhanced air filtration performance. <i>Separation and Purification Technology</i> , 2022, 290, 120913.	7.9	8
6	MOF-Enabled Ion-Regulating Gel Electrolyte for Long-Cycling Lithium Metal Batteries Under High Voltage. <i>Small</i> , 2022, 18, e2106225.	10.0	26
7	The Surface Structure Origin of Carbon Fiber with Enhanced Electrothermal Properties Prepared by Modification of Graphene Coating. <i>Journal of Electronic Materials</i> , 2022, 51, 4288-4298.	2.2	3
8	Protein-modified SEI formation and evolution in Li metal batteries. <i>Journal of Energy Chemistry</i> , 2022, 73, 248-258.	12.9	16
9	Inspired by the growth characteristic of leaf epidermis cell walls: A bio-ITCLC core for supporting a flexible skin with combined morphing applications. <i>Composite Structures</i> , 2021, 255, 112870.	5.8	2
10	The mechanics characteristic of epidermis cell walls in a leaf growth process provides inspiration on a flexible multi-morphing skin. <i>International Journal of Mechanical Sciences</i> , 2021, 193, 106162.	6.7	1
11	Protein-Engineered Functional Materials for Bioelectronics. <i>Advanced Functional Materials</i> , 2021, 31, 2006744.	14.9	24
12	Tug-of-War-Inspired Bio-Based Air Filters with Advanced Filtration Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 8736-8744.	8.0	19
13	A Protein-Based Janus Separator for Trapping Polysulfides and Regulating Ion Transport in Lithium-Sulfur Batteries. <i>ChemSusChem</i> , 2021, 14, 2226-2236.	6.8	10
14	In-Situ Synthesis of N, O, P-Doped Hierarchical Porous Carbon from Polybis(phenoxy)phosphazene for Polysulfide-Trapping Interlayer in Lithium-Sulfur Batteries. <i>Chemistry - A European Journal</i> , 2021, 27, 9876-9884.	3.3	5
15	Numerical Study of MXene Enhanced Terminol®VP-1 Nanofluid for Solar Photothermal Conversion. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 838, 012012.	0.3	0
16	Building bimodal structures by a wettability difference-driven strategy for high-performance protein air-filters. <i>Journal of Hazardous Materials</i> , 2021, 415, 125742.	12.4	17
17	Decoupled Ion Transport in Protein-Based Solid Electrolyte through <i>Ab Initio</i> Calculations and Experiments. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9429-9435.	4.6	4
18	Natural relief for lithium dendrites: Tailoring protein configurations for long-life lithium metal anodes. <i>Energy Storage Materials</i> , 2021, 42, 22-33.	18.0	22

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19	Interface-tailored forces fluffing protein fiber membranes for high-performance filtration. Separation and Purification Technology, 2021, 278, 119570.	7.9	6
20	A novel carbon aerogel enabling respiratory monitoring for bio-facial masks. Journal of Materials Chemistry A, 2021, 9, 13143-13150.	10.3	9
21	Robust supramolecular composite hydrogels for sustainable and "visible" agriculture irrigation. Journal of Materials Chemistry A, 2021, 9, 24613-24621.	10.3	11
22	Robust, Superelastic Hard Carbon with In Situ Ultrafine Crystals. Advanced Functional Materials, 2020, 30, 1907486.	14.9	20
23	A bio-OCLC structure equating to a movable unit of a lattice cellular core for hybrid in-plane morphing applications. Composite Structures, 2020, 235, 111762.	5.8	3
24	Numerical analysis of photothermal conversion performance of MXene nanofluid in direct absorption solar collectors. Energy Conversion and Management, 2020, 226, 113515.	9.2	49
25	A Bimodal Protein Fabric Enabled via In Situ Diffusion for High-Performance Air Filtration. Environmental Science & Technology, 2020, 54, 12042-12050.	10.0	24
26	One-step firing of carbon fiber and ceramic precursors for high performance electro-thermal composite: Influence of graphene coating. Materials and Design, 2020, 191, 108633.	7.0	17
27	A Janus protein-based nanofabric for trapping polysulfides and stabilizing lithium metal in lithium-sulfur batteries. Journal of Materials Chemistry A, 2020, 8, 7377-7389.	10.3	38
28	A Super-breathable "Woven-like" Protein Nanofabric. ACS Applied Bio Materials, 2020, 3, 2958-2964.	4.6	13
29	An Ultra-microporous Carbon Material Boosting Integrated Capacitance for Cellulose-Based Supercapacitors. Nano-Micro Letters, 2020, 12, 63.	27.0	81
30	Superresilient Hard Carbon Nanofabrics for Sodium-Ion Batteries. Small, 2020, 16, e1906883.	10.0	64
31	A gelatin-treated carbon nanofiber/epoxy nanocomposite with significantly improved multifunctional properties. Materials Today Communications, 2020, 24, 101006.	1.9	8
32	A wet-processed, binder-free sulfur cathode integrated with a dual-functional separator for flexible Li-S batteries. Nanoscale, 2020, 12, 5483-5493.	5.6	21
33	Ultralight Programmable Bioinspired Aerogels with an Integrated Multifunctional Surface for Self-Cleaning, Oil Absorption, and Thermal Insulation via Coassembly. ACS Applied Materials & Interfaces, 2020, 12, 11273-11286.	8.0	46
34	An ultra-durable gel electrolyte stabilizing ion deposition and trapping polysulfides for lithium-sulfur batteries. Energy Storage Materials, 2020, 27, 25-34.	18.0	27
35	A multifunctional carbon nanotube reinforced nanocomposite modified via soy protein isolate: A study on dispersion, electrical and mechanical properties. Carbon, 2020, 161, 350-358.	10.3	20
36	Let It Catch: A Short-Branched Protein for Efficiently Capturing Polysulfides in Lithium-Sulfur Batteries. Advanced Energy Materials, 2020, 10, 1903642.	19.5	37

#	ARTICLE	IF	CITATIONS
37	Manipulating conductive network formation via 3D T-ZnO: A facile approach for a CNT-reinforced nanocomposite. <i>Nanotechnology Reviews</i> , 2020, 9, 534-542.	5.8	5
38	Enhanced Interfacial Adhesion and Properties of Polypropylene/Carbon Fiber Composites by Fiber Surface Oxidation in Presence of a Compatibilizer. <i>Polymer Composites</i> , 2019, 40, E654.	4.6	32
39	“See” the invisibles: Inspecting battery separator defects via pressure drop. <i>Energy Storage Materials</i> , 2019, 16, 589-596.	18.0	12
40	Rational Design of Graphite Nanoplatelets Interlayers via a Surfactant-Controlled Strategy for Enhancing Lithium-Sulfur Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15267-15277.	6.7	15
41	A Janus nanofiber-based separator for trapping polysulfides and facilitating ion-transport in lithium-sulfur batteries. <i>Nanoscale</i> , 2019, 11, 18090-18098.	5.6	33
42	Biomaterials for High-Energy Lithium-Based Batteries: Strategies, Challenges, and Perspectives. <i>Advanced Energy Materials</i> , 2019, 9, 1901774.	19.5	73
43	An Ultrarobust Composite Gel Electrolyte Stabilizing Ion Deposition for Long-Life Lithium Metal Batteries. <i>Advanced Functional Materials</i> , 2019, 29, 1904547.	14.9	76
44	A protein-functionalized microfiber/protein nanofiber Bi-layered air filter with synergistically enhanced filtration performance by a viable method. <i>Separation and Purification Technology</i> , 2019, 229, 115837.	7.9	36
45	A robust and ion-conductive protein-based binder enabling strong polysulfide anchoring for high-energy lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1835-1848.	10.3	96
46	Dissipative Particle Dynamics Simulations of a Protein-Directed Self-Assembly of Nanoparticles. <i>ACS Omega</i> , 2019, 4, 10216-10224.	3.5	11
47	A critical study on a 3D scaffold-based lithium metal anode. <i>Electrochimica Acta</i> , 2019, 318, 220-227.	5.2	15
48	Towards Sustainable and Multifunctional Air-Filters: A Review on Biopolymer-Based Filtration Materials. <i>Polymer Reviews</i> , 2019, 59, 651-686.	10.9	80
49	Hierarchically Structured All-biomass Air Filters with High Filtration Efficiency and Low Air Pressure Drop Based on Pickering Emulsion. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 14266-14274.	8.0	52
50	Roles of electrical stimulation in promoting osteogenic differentiation of BMSCs on conductive fibers. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1443-1454.	4.0	35
51	Study of Electrical Stimulation with Different Electric-Field Intensities in the Regulation of the Differentiation of PC12 Cells. <i>ACS Chemical Neuroscience</i> , 2019, 10, 348-357.	3.5	46
52	Strategies for Building Robust Traffic Networks in Advanced Energy Storage Devices: A Focus on Composite Electrodes. <i>Advanced Materials</i> , 2019, 31, e1804204.	21.0	69
53	Promoting neural transdifferentiation of BMSCs via applying synergetic multiple factors for nerve regeneration. <i>Experimental Cell Research</i> , 2019, 375, 80-91.	2.6	16
54	A review of the electrical and mechanical properties of carbon nanofiller-reinforced polymer composites. <i>Journal of Materials Science</i> , 2019, 54, 1036-1076.	3.7	210

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55	In Situ Armoring: A Robust, High-Wettability, and Fire-Resistant Hybrid Separator for Advanced and Safe Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 2978-2988.	8.0	71
56	Natural polypeptides treat pollution complex: Moisture-resistant multi-functional protein nanofabrics for sustainable air filtration. <i>Nano Research</i> , 2018, 11, 4265-4277.	10.4	78
57	A Polymer-Alloy Binder for Structures-Properties Control of Battery Electrodes. <i>Energy Storage Materials</i> , 2018, 14, 149-158.	18.0	21
58	Soy protein-treated nanofillers creating adaptive interfaces in nanocomposites with effectively improved conductivity. <i>Journal of Materials Science</i> , 2018, 53, 8653-8665.	3.7	12
59	Self-Assembled Protein Nanofilter for Trapping Polysulfides and Promoting Li <sup>+</sup> Transport in Lithium-Sulfur Batteries. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2450-2459.	4.6	35
60	Synergistically effects of copolymer and core-shell particles for toughening epoxy. <i>Polymer</i> , 2018, 140, 39-46.	3.8	56
61	Building Ion-Conduction Highways in Polymeric Electrolytes by Manipulating Protein Configuration. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4726-4736.	8.0	26
62	Influence of a fiberglass layer on the lightning strike damage response of CFRP laminates in the dry and hydrothermal environments. <i>Composite Structures</i> , 2018, 187, 179-189.	5.8	16
63	A Biobased Composite Gel Polymer Electrolyte with Functions of Lithium Dendrites Suppressing and Manganese Ions Trapping. <i>Advanced Energy Materials</i> , 2018, 8, 1702561.	19.5	77
64	Small Molecules Make a Big Difference: A Solvent-Controlled Strategy for Building Robust Conductive Network Structures in High-Capacity Electrode Composites. <i>Small Methods</i> , 2018, 2, 1800066.	8.6	15
65	A bio-surfactant for defect control: Multifunctional gelatin coated MWCNTs for conductive epoxy nanocomposites. <i>Composites Science and Technology</i> , 2018, 159, 216-224.	7.8	33
66	A sandwich structure polymer/polymer-ceramics/polymer gel electrolytes for the safe, stable cycling of lithium metal batteries. <i>Journal of Membrane Science</i> , 2018, 555, 169-176.	8.2	71
67	Molecular simulation and experimental analysis on thermal and mechanical properties of carbon nanotube/epoxy resin composites with different curing agents at high-low temperature. <i>Polymer Composites</i> , 2018, 39, E945.	4.6	52
68	NANOMATERIALS AND NANOSTRUCTURES FOR REGULATING IONS AND ELECTRON TRANSPORT IN ADVANCED ENERGY STORAGE DEVICES. , 2018, , 757-809.		0
69	Morphology engineering of protein fabrics for advanced and sustainable filtration. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21585-21595.	10.3	69
70	Core-Shell Hybrid Nanowires with Protein Enabling Fast Ion Conduction for High-Performance Composite Polymer Electrolytes. <i>Small</i> , 2018, 14, e1803564.	10.0	22
71	Poly(Vinylidene Fluoride)-Based Blends as New Binders for Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2018, 5, 2288-2294.	3.4	20
72	A polymeric nanocomposite interlayer as ion-transport-regulator for trapping polysulfides and stabilizing lithium metal. <i>Energy Storage Materials</i> , 2018, 15, 447-457.	18.0	27

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73	A Nanoprotein-Functionalized Hierarchical Composite Air Filter. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11606-11613.	6.7	47
74	Novel double-networked polyurethane composites with multi-stimuli responsive functionalities. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17457-17472.	10.3	26
75	A UV-curable epoxy with "soft" segments for 3D-printable shape-memory materials. <i>Journal of Materials Science</i> , 2018, 53, 12650-12661.	3.7	12
76	Effect of epoxy monomer structure on the curing process and thermo-mechanical characteristics of tri-functional epoxy/amine systems: a methodology combining atomistic molecular simulation with experimental analyses. <i>Polymer Chemistry</i> , 2017, 8, 2016-2027.	3.9	41
77	A Multifunctional Protein Coating for Self-Assembled Porous Nanostructured Electrodes. <i>ACS Omega</i> , 2017, 2, 1679-1686.	3.5	15
78	Gum-Like Nanocomposites as Conformable, Conductive, and Adhesive Electrode Matrix for Energy Storage Devices. <i>Advanced Energy Materials</i> , 2017, 7, 1601767.	19.5	40
79	Soy protein isolate/bacterial cellulose composite membranes for high efficiency particulate air filtration. <i>Composites Science and Technology</i> , 2017, 138, 124-133.	7.8	88
80	Cross-Linked Protein Nanofilter with Antibacterial Properties for Multifunctional Air Filtration. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 22846-22855.	8.0	65
81	Energy Storage: Gum-Like Nanocomposites as Conformable, Conductive, and Adhesive Electrode Matrix for Energy Storage Devices ( <i>Adv. Energy Mater.</i> 6/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	19.5	0
82	A Disposable Multi-Functional Air Filter: Paper Towel/Protein Nanofibers with Gradient Porous Structures for Capturing Pollutants of Broad Species and Sizes. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6209-6217.	6.7	77
83	Gel polymer electrolyte based on polyethylene glycol composite lignocellulose matrix with higher comprehensive performances. <i>Electrochimica Acta</i> , 2017, 247, 505-515.	5.2	42
84	Effect of hygrothermal aging on the damage characteristics of carbon woven fabric/epoxy laminates subjected to simulated lightning strike. <i>Materials and Design</i> , 2016, 99, 477-489.	7.0	32
85	Soy-Protein-Based Nanofabrics for Highly Efficient and Multifunctional Air Filtration. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 20023-20031.	8.0	139
86	Decoupled Ion Transport in a Protein-Based Solid Ion Conductor. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4304-4310.	4.6	38
87	"Green" nano-filters: fine nanofibers of natural protein for high efficiency filtration of particulate pollutants and toxic gases. <i>RSC Advances</i> , 2016, 6, 105948-105956.	3.6	70
88	A protein-reinforced adhesive composite electrolyte. <i>Polymer</i> , 2016, 106, 43-52.	3.8	16
89	Novel MnO/carbon composite anode material with multi-modal pore structure for high performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2082-2088.	10.3	59
90	Development of Electrolytes towards Achieving Safe and High-Performance Energy Storage Devices: A Review. <i>ChemElectroChem</i> , 2015, 2, 3-3.	3.4	7

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91	Facilitating protein denaturation in organic solvent and the contribution to the promoting dispersion of graphite nanoplatelets in a polymer. EXPRESS Polymer Letters, 2015, 9, 686-694.	2.1	7
92	Ion-induced effective control of morphologies of soy protein biocomposites. Journal of Materials Science, 2015, 50, 2691-2699.	3.7	4
93	Combustion characteristics of a slotted swirl combustor: An experimental test and numerical validation. International Communications in Heat and Mass Transfer, 2015, 66, 140-147.	5.6	21
94	Mechanical properties, tribological behavior, and biocompatibility of high-density polyethylene/carbon nanofibers nanocomposites. Journal of Composite Materials, 2015, 49, 1503-1512.	2.4	10
95	Potential Application and Molecular Mechanisms of Soy Protein on the Enhancement of Graphite Nanoplatelet Dispersion. Journal of Physical Chemistry C, 2015, 119, 26760-26767.	3.1	13
96	Experimental study of damage characteristics of carbon woven fabric/epoxy laminates subjected to lightning strike. Composites Part A: Applied Science and Manufacturing, 2015, 79, 164-175.	7.6	80
97	A Particle-Controlled, High-Performance, Gum-Like Electrolyte for Safe and Flexible Energy Storage Devices. Advanced Energy Materials, 2015, 5, 1400463.	19.5	42
98	Thermal properties of carbon nanofiber reinforced high-density polyethylene nanocomposites. Journal of Composite Materials, 2015, 49, 795-805.	2.4	15
99	Development of Electrolytes towards Achieving Safe and High-Performance Energy-Storage Devices: A Review. ChemElectroChem, 2015, 2, 22-36.	3.4	299
100	A quantitative analysis tool for quality assessment of nanocomposite masterbatches. Journal of Composite Materials, 2014, 48, 2527-2536.	2.4	2
101	Segregated polymeric nanocomposites with tunable three-dimensional network of nanoparticles by controlling the dispersion and distribution. RSC Advances, 2014, 4, 51872-51877.	3.6	2
102	Analysis tools for fibrous nanofiller polymer composites: Macro- and nanoscale dispersion assessments correlated with mechanical and electrical composite properties. Polymer Composites, 2014, 35, 10-18.	4.6	9
103	An Efficient Quantified Stereological Macrodispersion Analysis Approach for Determining Microscale Influences on Nanocomposite Material Properties. Macromolecular Materials and Engineering, 2013, 298, 221-234.	3.6	5
104	Fabrication and characterization of flexible high performance thermoplastic foams derived from rigid polyetherketoneketone via a VOC-free foaming method. Journal of Materials Science, 2013, 48, 3517-3527.	3.7	2
105	A Gum-Like Electrolyte: Safety of a Solid, Performance of a Liquid. Advanced Energy Materials, 2013, 3, 1557-1562.	19.5	51
106	Wear and Friction of Carbon Nanofiber-Reinforced HDPE Composites. Journal of Tribology, 2012, 134, .	1.9	17
107	Soy Protein-Assisted Dispersion of Carbon Nanotubes in a Polymer Matrix. Materials Express, 2012, 2, 76-82.	0.5	13
108	An Ultraelastic Poly(ethylene oxide)/Soy Protein Film with Fully Amorphous Structure. Macromolecules, 2012, 45, 602-606.	4.8	34



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109	Quantified stereological macrodispersion analysis of polymer nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 847-855.	7.6	15
110	Wear of Carbon Nanofiber Reinforced HDPE Nanocomposites Under Dry Sliding Condition. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2012, 3, .	0.8	7
111	Effects of Soy Protein on the Crystallization and Dielectric Properties of PEG/PEG Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 757-765.	2.2	8
112	Structurally Induced Dielectric Constant Promotion and Loss Suppression for Poly(vinylidene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	3.6	16
113	Effects of compaction and UV exposure on performance of acrylate/glass fiber composites cured layer by layer. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3799-3805.	2.6	18
114	Sensitivity of Dielectric Properties to Wear Process on Carbon Nanofiber/High-Density Polyethylene Composites. <i>Nanoscale Research Letters</i> , 2011, 6, 7.	5.7	21
115	Fluorination deposition on carbon nanofibers by PTFE decomposition as a facile method to enhance dispersion and interaction in PVDF composites. <i>Journal of Materials Chemistry</i> , 2011, 21, 944-950.	6.7	12
116	Simultaneous improvement in ionic conductivity and mechanical properties of multi-functional block-copolymer modified solid polymer electrolytes for lithium ion batteries. <i>Journal of Power Sources</i> , 2011, 196, 10163-10168.	7.8	30
117	Review on polymer/graphite nanoplatelet nanocomposites. <i>Journal of Materials Science</i> , 2011, 46, 5595-5614.	3.7	402
118	Special wetting behavior of a graphitic nanofiber-modified epoxy generalized for rough textured fabric surfaces. <i>Colloid and Polymer Science</i> , 2011, 289, 141-148.	2.1	3
119	Dramatic Effects of Scalable SNN Assisted Melt Dispersion on Thermal Conductivity and Coefficient of Thermal Expansion of Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 151-158.	3.6	4
120	Dependence of Dielectric Properties and Percolative Behavior on Phase Separation Structure Induced by Heterogeneous Carbon Nanofiber Distribution in Polymer Blend Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 992-1001.	3.6	15
121	Electrical and dielectric sensitivities to thermal processes in carbon nanofiber/high-density polyethylene composites. <i>Science and Engineering of Composite Materials</i> , 2011, 18, 51-60.	1.4	3
122	Influence of Carbon Nanofiber Network Variability on the AC Conductivity of Polyetherimide Composite Films. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 310-314.	3.6	9
123	Effective Static Dissipation of Bilayer Thermoplastic Nanocomposites at Low Nanofiber Loadings. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 1136-1143.	3.6	6
124	Synthesis of Organosilane Modified Carbon Nanofibers and Influence of Silane Coating Thickness on the Performance of Polyethylene Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 1125-1135.	3.6	33
125	Influence of phase morphology on the sliding wear of polyethylene blends filled with carbon nanofibers. <i>Polymer Engineering and Science</i> , 2010, 50, 613-623.	3.1	16
126	Effectual dispersion of carbon nanofibers in polyetherimide composites and their mechanical and tribological properties. <i>Polymer Engineering and Science</i> , 2010, 50, 1914-1922.	3.1	16



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127	Curing characteristics of an epoxy resin in the presence of ball-milled graphite particles. <i>Journal of Materials Science</i> , 2009, 44, 1987-1997.	3.7	25
128	The revival of electron beam irradiation curing of epoxy resin materials characterization and supportive cure studies. <i>Polymers for Advanced Technologies</i> , 2009, 20, 811-817.	3.2	9
129	Mechanisms for the Improvement in Interfacial Adhesion Between UHMWPE Reinforcement and Nano-epoxy Resins with Reactive Graphitic Nanofibers. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 1281-1292.	2.6	3
130	Carbon nanofiber/polyetherimide composite membranes with special dielectric properties. <i>Soft Matter</i> , 2009, 5, 3593.	2.7	37
131	Physical properties of a reactive graphitic nanofiber-reinforced epoxy. <i>Journal of Materials Science</i> , 2008, 43, 413-416.	3.7	4
132	Analytical study of tensile behaviors of UHMWPE/nano-epoxy bundle composites. <i>Journal of Materials Science</i> , 2008, 43, 4236-4246.	3.7	13
133	Electrical conductivity enhancement of a polymer using butyl glycidyl ether (BGE) lithium hexafluorophosphate (LiPF <sub>6</sub> ) complex. <i>Journal of Materials Science</i> , 2008, 43, 4607-4617.	3.7	6
134	Preparation and properties of natural rubber composites reinforced with pretreated carbon nanotubes. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1543-1549.	3.2	62
135	Characterization of the flexural behavior of a reactive graphitic nanofibers reinforced epoxy using a non-linear damage model. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 445-446, 106-112.	5.6	18
136	Wettability of nano-epoxies to UHMWPE fibers. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 332-341.	9.4	35