

Huimin Zhou

List of Publications by Year in descending order

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210
papers

5,374
citations

94433

37
h-index

144013

57
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212
all docs

212
docs citations

212
times ranked

6215
citing authors

#	ARTICLE	IF	CITATIONS
1	Microporous Cyclodextrin Film with Funnel-type Channel Polymerized on Electrospun Cellulose Acetate Membrane as Separators for Strong Trapping Polysulfides and Boosting Charging in Lithium-Sulfur Batteries. <i>Energy and Environmental Materials</i> , 2023, 6, .	12.8	13
2	Properties and application of multi-functional and structurally colored textile prepared by magnetron sputtering. <i>Journal of Industrial Textiles</i> , 2022, 51, 1295-1311.	2.4	12
3	Research progress of the biosynthetic strains and pathways of bacterial cellulose. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2022, 49, .	3.0	25
4	Recent Advances in Functional Bacterial Cellulose for Wearable Physical Sensing Applications. <i>Advanced Materials Technologies</i> , 2022, 7, 2100617.	5.8	23
5	Ultrafast gelation of multifunctional hydrogel/composite based on self-catalytic Fe ³⁺ /Tannic acid-cellulose nanofibers. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1457-1468.	9.4	37
6	In situ grown bacterial cellulose/MoS ₂ composites for multi-contaminant wastewater treatment and bacteria inactivation. <i>Carbohydrate Polymers</i> , 2022, 277, 118853.	10.2	19
7	Novel germanium-polyamide6 fibers with negative air ions release and far-infrared radiation as well as antibacterial property. <i>Textile Research Journal</i> , 2022, 92, 1739-1747.	2.2	3
8	All-electrospun performance-enhanced triboelectric nanogenerator based on the charge-storage process. <i>Journal of Materials Science</i> , 2022, 57, 5334-5345.	3.7	16
9	Membrane Technological Pathways and Inherent Structure of Bacterial Cellulose Composites for Drug Delivery. <i>Bioengineering</i> , 2022, 9, 3.	3.5	13
10	Fabrication and Performance of Shape-Stable Phase Change Composites Supported by Environment-Friendly and Economical Loofah Sponge Fibers for Thermal Energy Storage. <i>Energy & Fuels</i> , 2022, 36, 3938-3946.	5.1	11
11	Ginsenoside Rg1 attenuates LPS-induced chronic renal injury by inhibiting NOX4-NLRP3 signaling in mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112936.	5.6	17
12	Biomass-derived nanocellulose aerogel enable highly efficient immobilization of laccase for the degradation of organic pollutants. <i>Bioresource Technology</i> , 2022, 356, 127311.	9.6	19
13	Visible Light-Induced Room-Temperature Formaldehyde Gas Sensor Based on Porous Three-Dimensional ZnO Nanorod Clusters with Rich Oxygen Vacancies. <i>ACS Omega</i> , 2022, 7, 22861-22871.	3.5	4
14	In/Fe Cospinning Nanowires for Triethylamine Gas Sensing. <i>ACS Applied Nano Materials</i> , 2022, 5, 9554-9566.	5.0	3
15	Recent advances of micro-nanofiber materials for rechargeable zinc-air batteries. <i>Energy Storage Materials</i> , 2022, 51, 181-211.	18.0	19
16	Study on the structure and properties of Ag/Cu nanocomposite film deposited on the surface of polyester substrates. <i>Journal of the Textile Institute</i> , 2021, 112, 1671-1677.	1.9	4
17	Bacterial cellulose hydrogel: A promising electrolyte for flexible zinc-air batteries. <i>Journal of Power Sources</i> , 2021, 482, 228963.	7.8	61
18	Encapsulating enzyme into metal-organic framework during in-situ growth on cellulose acetate nanofibers as self-powered glucose biosensor. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112690.	10.1	90

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19	Porous protoporphyrin IX-embedded cellulose diacetate electrospun microfibers in antimicrobial photodynamic inactivation. <i>Materials Science and Engineering C</i> , 2021, 118, 111502.	7.3	20
20	Preparation and characterization of apoacynum venetum cellulose nanofibers reinforced chitosan-based composite hydrogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111441.	5.0	9
21	Flexible, Stretchable, and Multifunctional Electrospun Polyurethane Mats with ODâ€Dâ€ Ternary Nanocompositeâ€Based Conductive Networks. <i>Advanced Electronic Materials</i> , 2021, 7, .	5.1	25
22	Mussel-inspired double cross-linked hydrogels with desirable mechanical properties, strong tissue-adhesiveness, self-healing properties and antibacterial properties. <i>Materials Science and Engineering C</i> , 2021, 120, 111690.	7.3	18
23	High-performance polyacrylonitrile-based pre-oxidized fibers fabricated through strategy with chemical pretreatment, layer-by-layer assembly, and stabilization techniques. <i>High Performance Polymers</i> , 2021, 33, 105-114.	1.8	6
24	Smart Textiles with Self-Disinfection and Photothermochromic Effects. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2245-2255.	8.0	46
25	Necklace-like NiCo₂O₄@carbon composite nanofibers derived from metalâ€organic framework compounds for high-rate lithium storage. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5726-5737.	5.9	8
26	Bioactive Icaritin/Î²-CD-IC/Bacterial Cellulose with Enhanced Biomedical Potential. <i>Nanomaterials</i> , 2021, 11, 387.	4.1	11
27	Ammonia Sensing Performance of Polyaniline-Coated Polyamide 6 Nanofibers. <i>ACS Omega</i> , 2021, 6, 8950-8957.	3.5	29
28	A plant-inspired long-lasting adhesive bilayer nanocomposite hydrogel based on redox-active Ag/Tannic acid-Cellulose nanofibers. <i>Carbohydrate Polymers</i> , 2021, 255, 117508.	10.2	77
29	Bacterial Cellulose Reinforced Polyaniline Electroconductive Hydrogel with Multiple Weak Hâ€Bonds as Flexible and Sensitive Strain Sensor. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100159.	3.6	31
30	All-Fiber-Structured Triboelectric Nanogenerator via One-Pot Electrospinning for Self-Powered Wearable Sensors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24774-24784.	8.0	68
31	High-performance room temperature NO ₂ gas sensor based on visible light irradiated In ₂ O ₃ nanowires. <i>Journal of Alloys and Compounds</i> , 2021, 867, 159076.	5.5	74
32	Fabrication of metal-organic frameworks-derived porous NiCo ₂ O ₄ nanofibers for high lithium storage properties. <i>Ionics</i> , 2021, 27, 3219-3229.	2.4	6
33	Synergistic Photodynamic and Photothermal Antibacterial Activity of In Situ Crown Bacterial Cellulose/MoS₂-Chitosan Nanocomposite Materials with Visible Light Illumination. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31193-31205.	8.0	51
34	Light-driven self-disinfecting textiles functionalized by PCN-224 and Ag nanoparticles. <i>Journal of Hazardous Materials</i> , 2021, 416, 125786.	12.4	31
35	Highly Sensitive and Stretchable c-MWCNTs/PPy Embedded Multidirectional Strain Sensor Based on Double Elastic Fabric for Human Motion Detection. <i>Nanomaterials</i> , 2021, 11, 2333.	4.1	12
36	Multifunctional shape-stabilized phase change composites based upon multi-walled carbon nanotubes and polypyrrole decorated melamine foam for light/electric-to-thermal energy conversion and storage. <i>Journal of Energy Storage</i> , 2021, 43, 103187.	8.1	29

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37	Dual-functional biocatalytic membrane containing laccase-embedded metal-organic frameworks for detection and degradation of phenolic pollutant. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 771-782.	9.4	37
38	A stretchable electrode for single enzymatic biofuel cells. <i>Materials Today Energy</i> , 2021, 22, 100886.	4.7	5
39	PCN-224 Nanoparticle/Polyacrylonitrile Nanofiber Membrane for Light-Driven Bacterial Inactivation. <i>Nanomaterials</i> , 2021, 11, 3162.	4.1	9
40	Nerve Decellularized Matrix Composite Scaffold With High Antibacterial Activity for Nerve Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 840421.	4.1	11
41	Nature-Inspired Hydrogel Network for Efficient Tissue-Specific Underwater Adhesive. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59761-59771.	8.0	26
42	In situ Self-Assembly of Bacterial Cellulose on Banana Fibers Extracted from Peels. <i>Journal of Natural Fibers</i> , 2020, 17, 1317-1328.	3.1	14
43	Carbon quantum dots embedded electrospun nanofibers for efficient antibacterial photodynamic inactivation. <i>Materials Science and Engineering C</i> , 2020, 108, 110377.	7.3	48
44	Photoinactivation of bacteria by hypocrellin-grafted bacterial cellulose. <i>Cellulose</i> , 2020, 27, 991-1007.	4.9	22
45	Electrospun MnCo ₂ O ₄ /C composite nanofibers as anodes with improved lithium storage performance. <i>Ionics</i> , 2020, 26, 1229-1238.	2.4	1
46	A laccase based biosensor on AuNPs-MoS ₂ modified glassy carbon electrode for catechol detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110683.	5.0	58
47	A Dual-Mode Wearable Sensor Based on Bacterial Cellulose Reinforced Hydrogels for Highly Sensitive Strain/Pressure Sensing. <i>Advanced Electronic Materials</i> , 2020, 6, 1900934.	5.1	83
48	Color-Variable Photodynamic Antimicrobial Wool/Acrylic Blended Fabrics. <i>Materials</i> , 2020, 13, 4141.	2.9	6
49	Multifunctional Wearable Strain Sensor Made with an Elastic Interwoven Fabric for Patients with Motor Dysfunction. <i>Advanced Materials Technologies</i> , 2020, 5, 2000560.	5.8	21
50	In situ formed active and intelligent bacterial cellulose/cotton fiber composite containing curcumin. <i>Cellulose</i> , 2020, 27, 9371-9382.	4.9	26
51	3D Lamellar Structure of Biomass-Based Porous Carbon Derived from Towel Gourd toward Phase Change Composites with Thermal Management and Protection. <i>ACS Applied Bio Materials</i> , 2020, 3, 8923-8932.	4.6	26
52	Synthesized OH-radical rich bacteria cellulosic pockets with photodynamic bacteria inactivation properties against <i>S. ureus</i> and <i>E. coli</i> . <i>Materials Science and Engineering C</i> , 2020, 116, 111230.	7.3	4
53	FeNi alloy nanoparticles embedded in electrospun nitrogen-doped carbon fibers for efficient oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 805-813.	9.4	33
54	A study on the viscoelastic behaviors of tire cords using dynamic mechanical analysis. <i>Journal of Engineered Fibers and Fabrics</i> , 2020, 15, 155892502091519.	1.0	2

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55	Hierarchical porous nanofibers containing thymol/beta-cyclodextrin: Physico-chemical characterization and potential biomedical applications. <i>Materials Science and Engineering C</i> , 2020, 115, 111155.	7.3	40
56	Insight into light-driven antibacterial cotton fabrics decorated by in situ growth strategy. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 233-242.	9.4	29
57	A Novel Multilayer Composite Membrane for Wound Healing in Mice Skin Defect Model. <i>Polymers</i> , 2020, 12, 573.	4.5	13
58	MoS ₂ Nanoplates Embedded in Co-N-Doped Carbon Nanocages as Efficient Catalyst for HER and OER. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5724-5733.	6.7	61
59	MOF-Derived Sulfide-Based Electrocatalyst and Scaffold for Boosted Hydrogen Production. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33595-33602.	8.0	123
60	TiO ₂ Sol-Gel Coated PAN/O-MMT Multi-Functional Composite Nanofibrous Membrane Used as the Support for Laccase Immobilization: Synergistic Effect between the Membrane Support and Enzyme for Dye Degradation. <i>Polymers</i> , 2020, 12, 139.	4.5	20
61	Carbon quantum dots: A bright future as photosensitizers for in vitro antibacterial photodynamic inactivation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 206, 111864.	3.8	74
62	Facile synthesis of one-dimensional mesoporous cobalt ferrite nanofibers for high lithium storage anode material. <i>Ionics</i> , 2019, 25, 125-132.	2.4	6
63	Wool/Acrylic Blended Fabrics as Next-Generation Photodynamic Antimicrobial Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29557-29568.	8.0	49
64	Ultralight and Flexible Carbon Foam-Based Phase Change Composites with High Latent-Heat Capacity and Photothermal Conversion Capability. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31997-32007.	8.0	108
65	Fibrous Network of C@MoS ₂ Nanocapsule-Decorated Cotton Linters Interconnected by Bacterial Cellulose for Lithium- and Sodium-Ion Batteries. <i>ChemSusChem</i> , 2019, 12, 5075-5080.	6.8	20
66	Reusable Surface-Modified Bacterial Cellulose Based on Atom Transfer Radical Polymerization Technology with Excellent Catalytic Properties. <i>Nanomaterials</i> , 2019, 9, 1443.	4.1	3
67	Sequestration of Pb(II) Ions from Aqueous Systems with Novel Green Bacterial Cellulose Graphene Oxide Composite. <i>Materials</i> , 2019, 12, 218.	2.9	22
68	Study on dynamic mechanical properties of a nylon-like polyester tire cord. <i>Journal of Engineered Fibers and Fabrics</i> , 2019, 14, 155892501986880.	1.0	5
69	A Facile Approach for Preparing Ag Functionalized Nonwoven Polypropylene Membrane to Improve Its Electrical Conductivity and Electromagnetic Shielding Performance. <i>Materials</i> , 2019, 12, 296.	2.9	8
70	MoS ₂ Coexisting in 1T and 2H Phases Synthesized by Common Hydrothermal Method for Hydrogen Evolution Reaction. <i>Nanomaterials</i> , 2019, 9, 844.	4.1	117
71	Ultralight nanocomposite aerogels with interpenetrating network structure of bacterial cellulose for oil absorption. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48000.	2.6	14
72	In situ 3D bacterial cellulose/nitrogen-doped graphene oxide quantum dot-based membrane fluorescent probes for aggregation-induced detection of iron ions. <i>Cellulose</i> , 2019, 26, 6073-6086.	4.9	14

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73	Superior Form-Stable Phase Change Material Made with Graphene-Connected Carbon Nanofibers and Fatty Acid Eutectics. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7044-7053.	0.9	4
74	Fabrication of Form-Stable Phase Change Materials Based on Mechanically Flexible SiO ₂ Nanofibrous Mats for Thermal Energy Storage/Retrieval. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5562-5571.	0.9	5
75	Highly Sensitive and Stretchable CNT-Bridged AgNP Strain Sensor Based on TPU Electrospun Membrane for Human Motion Detection. <i>Advanced Electronic Materials</i> , 2019, 5, 1900241.	5.1	96
76	Preparation and characteristics of an advanced polyester tire cord with hybrid effect. <i>Journal of Engineered Fibers and Fabrics</i> , 2019, 14, 155892501882527.	1.0	3
77	A multifunctional and highly stretchable electronic device based on silver nanowire/wrap yarn composite for a wearable strain sensor and heater. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13468-13476.	5.5	69
78	Electrospun TiO ₂ nanofibers coated with polydopamine for enhanced sunlight-driven photocatalytic degradation of cationic dyes. <i>Surface and Interface Analysis</i> , 2019, 51, 169-176.	1.8	18
79	Deposition of polytetrafluoroethylene nanoparticles on graphene oxide/polyester fabrics for oil adsorption. <i>Surface Engineering</i> , 2019, 35, 426-434.	2.2	14
80	MoS ₂ nanograins doped TiO ₂ nanofibers as intensified anodes for lithium ion batteries. <i>Materials Letters</i> , 2018, 218, 47-51.	2.6	16
81	Protoporphyrin IX conjugated bacterial cellulose via diamide spacer arms with specific antibacterial photodynamic inactivation against <i>Escherichia coli</i> . <i>Cellulose</i> , 2018, 25, 1673-1686.	4.9	29
82	Characterisation of PET nonwoven deposited with Ag/FC nanocomposite films. <i>Surface Engineering</i> , 2018, 34, 838-845.	2.2	11
83	Polyvinylpyrrolidone-derived carbon-coated magnesium ferrite composite nanofibers as anode material for high-performance lithium-ion batteries. <i>Ionics</i> , 2018, 24, 297-301.	2.4	10
84	Free-standing TiO ₂ -SiO ₂ /PANI composite nanofibers for ammonia sensors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 3576-3583.	2.2	19
85	Electrospun AOPAN/RC blend nanofiber membrane for efficient removal of heavy metal ions from water. <i>Journal of Hazardous Materials</i> , 2018, 344, 819-828.	12.4	128
86	Hydrothermal synthesis and high electrochemical performance of ordered mesoporous Co/CMK-3 nanocomposites. <i>Ionics</i> , 2018, 24, 715-721.	2.4	3
87	Use of MWNTs-COOH to improve thermal energy storage and release rates of capric-palmitic-stearic acid ternary eutectic/polyacrylonitrile form-stable phase change composite fibrous membranes. <i>Polymer Engineering and Science</i> , 2018, 59, E403.	3.1	9
88	3-D Deformation Behavior Simulation of Cable Stitch Based on Particle System in Weft Knitted Fabrics. <i>Fibers and Polymers</i> , 2018, 19, 1997-2006.	2.1	3
89	C@TiO ₂ /MoO ₃ Composite Nanofibers with 1T-Phase MoS ₂ Nanograin Dopant and Stabilized Interfaces as Anodes for Li- and Na-Ion Batteries. <i>ChemSusChem</i> , 2018, 11, 4060-4070.	6.8	21
90	Graphene Oxide/Polyester Fabric Composite by Electrostatic Self-Assembly as a New Recyclable Adsorbent for the Removal of Methylene Blue. <i>Fibers and Polymers</i> , 2018, 19, 1726-1734.	2.1	1

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91	Photooxidation Properties of Photosensitizer/Direct Dye Patterned Polyester/Cotton Fabrics. <i>Fibers and Polymers</i> , 2018, 19, 1687-1693.	2.1	20
92	A highly flexible self-powered biosensor for glucose detection by epitaxial deposition of gold nanoparticles on conductive bacterial cellulose. <i>Chemical Engineering Journal</i> , 2018, 351, 177-188.	12.7	77
93	A Novel In Situ Self-Assembling Fabrication Method for Bacterial Cellulose-Electrospun Nanofiber Hybrid Structures. <i>Polymers</i> , 2018, 10, 712.	4.5	23
94	Structural Coloration of Polyester Fabrics Coated with Al/TiO ₂ Composite Films and Their Anti-Ultraviolet Properties. <i>Materials</i> , 2018, 11, 1011.	2.9	13
95	Study on the conductive effectiveness of nanoscale copper films sputtered on the surface of polyester nonwoven fabrics. <i>Journal of the Textile Institute</i> , 2018, 109, 1395-1399.	1.9	1
96	High Adsorption Pearl-Necklace-Like Composite Membrane Based on Metal-Organic Framework for Heavy Metal Ion Removal. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700438.	2.3	38
97	Microwave-Assisted Rapid Preparation of Nano-ZnO/Ag Composite Functionalized Polyester Nonwoven Membrane for Improving Its UV Shielding and Antibacterial Properties. <i>Materials</i> , 2018, 11, 1412.	2.9	38
98	Cu Nanoparticles Improved Thermal Property of Form-Stable Phase Change Materials Made with Carbon Nanofibers and LA-MA-SA Eutectic Mixture. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2723-2731.	0.9	9
99	An environmentally benign approach to achieving vectorial alignment and high microporosity in bacterial cellulose/chitosan scaffolds. <i>RSC Advances</i> , 2017, 7, 13678-13688.	3.6	45
100	Tin nanoparticles embedded in ordered mesoporous carbon as high-performance anode for sodium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 1385-1395.	2.5	23
101	Fabrication and characterization of porous cellulose acetate films by breath figure incorporated with capric acid as form-stable phase change materials for storing/retrieving thermal energy. <i>Fibers and Polymers</i> , 2017, 18, 253-263.	2.1	8
102	Effect of pore distribution on the lithium storage properties of porous C/SnO ₂ nanofibers. <i>Journal of Alloys and Compounds</i> , 2017, 711, 414-423.	5.5	16
103	Carbon-Coated Magnesium Ferrite Nanofibers for Lithium-Ion Battery Anodes with Enhanced Cycling Performance. <i>Energy Technology</i> , 2017, 5, 1364-1372.	3.8	22
104	Flexible cellulose acetate nano-felts absorbed with capric-myristic-stearic acid ternary eutectic mixture as form-stable phase-change materials for thermal energy storage/retrieval. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 661-673.	3.6	15
105	Fabrication and characterization of electrospun porous cellulose acetate nanofibrous mats incorporated with capric acid as form-stable phase change materials for storing/retrieving thermal energy. <i>International Journal of Green Energy</i> , 2017, 14, 1011-1019.	3.8	4
106	Self-layering behavior of PET fiber deposition in melt-electrospinning process. <i>Fibers and Polymers</i> , 2017, 18, 1981-1987.	2.1	3
107	Wintersweet Branch-Like C/C@SnO ₂ /MoS ₂ Nanofibers as High-Performance Li and Na-Ion Battery Anodes. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700295.	2.3	15
108	Rapid surface functionalization of cotton fabrics by modified hydrothermal synthesis of ZnO. <i>Journal of the Textile Institute</i> , 2017, 108, 1391-1397.	1.9	16

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109	Effect of In ₂ O ₃ nanofiber structure on the ammonia sensing performances of In ₂ O ₃ /PANI composite nanofibers. <i>Journal of Materials Science</i> , 2017, 52, 686-695.	3.7	32
110	Fabrication of hierarchically porous TiO ₂ nanofibers by microemulsion electrospinning and their application as anode material for lithium-ion batteries. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1297-1306.	2.8	5
111	Ammonia gas sensors based on In ₂ O ₃ /PANI hetero-nanofibers operating at room temperature. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1312-1321.	2.8	37
112	Electrochemical Properties of LLTO/Fluoropolymer-Shell Cellulose-Core Fibrous Membrane for Separator of High Performance Lithium-Ion Battery. <i>Materials</i> , 2016, 9, 75.	2.9	20
113	Sol-Gel Synthesis of Carbon Xerogel-ZnO Composite for Detection of Catechol. <i>Materials</i> , 2016, 9, 282.	2.9	11
114	Preparation of Pd/Bacterial Cellulose Hybrid Nanofibers for Dopamine Detection. <i>Molecules</i> , 2016, 21, 618.	3.8	32
115	Preparation of a cellulose acetate/organic montmorillonite composite porous ultrafine fiber membrane for enzyme immobilization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	12
116	Laccase Biosensor Based on Ag-Doped TiO ₂ Nanoparticles on CuCNFs for the Determination of Hydroquinone. <i>Nano</i> , 2016, 11, 1650132.	1.0	7
117	Preparation of bacterial cellulose/carbon nanotube nanocomposite for biological fuel cell. <i>Fibers and Polymers</i> , 2016, 17, 1858-1865.	2.1	14
118	Preparation and characterization of electrospun polyvinyl alcoholstyrylpyridinium/ β -cyclodextrin composite nanofibers: Release behavior and potential use for wound dressing. <i>Fibers and Polymers</i> , 2016, 17, 1835-1841.	2.1	17
119	Laccase immobilized on PAN/O-MMT composite nanofibers support for substrate bioremediation: a de novo adsorption and biocatalytic synergy. <i>RSC Advances</i> , 2016, 6, 41420-41427.	3.6	34
120	Sulfanilic acid inspired self-assembled fibrous materials. <i>Colloid and Polymer Science</i> , 2016, 294, 1483-1494.	2.1	0
121	Preparation of self-clustering highly oriented nanofibers by needleless electrospinning methods. <i>Fibers and Polymers</i> , 2016, 17, 1414-1420.	2.1	11
122	Electrospun synthesis and electrochemical property of zinc ferrite nanofibers. <i>Ionics</i> , 2016, 22, 967-974.	2.4	13
123	Electrical and optical properties of polyester fabric coated with Ag/TiO ₂ composite films by magnetron sputtering. <i>Textile Research Journal</i> , 2016, 86, 887-894.	2.2	22
124	Thermal energy storage and retrieval properties of form-stable phase change nanofibrous mats based on ternary fatty acid eutectics/polyacrylonitrile composite by magnetron sputtering of silver. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 1293-1307.	3.6	40
125	Hydrothermal Growth of Ag-Doped ZnO Nanoparticles on Electrospun Cellulose Nanofibrous Mats for Catechol Detection. <i>Electroanalysis</i> , 2015, 27, 1490-1497.	2.9	9
126	NiCu Alloy Nanoparticle-Loaded Carbon Nanofibers for Phenolic Biosensor Applications. <i>Sensors</i> , 2015, 15, 29419-29433.	3.8	26

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127	Effect of treatment pressure on structures and properties of PMIA fiber in supercritical carbon dioxide fluid. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	18
128	Preparation of a graphene-loaded carbon nanofiber composite with enhanced graphitization and conductivity for biosensing applications. <i>RSC Advances</i> , 2015, 5, 30602-30609.	3.6	15
129	Phase Transformation Behavior and Resistance to Bending and Cyclic Fatigue of ProTaper Gold and ProTaper Universal Instruments. <i>Journal of Endodontics</i> , 2015, 41, 1134-1138.	3.1	189
130	Coaxial Electrospun Cellulose-Core Fluoropolymer-Shell Fibrous Membrane from Recycled Cigarette Filter as Separator for High Performance Lithium-Ion Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 932-940.	6.7	119
131	Electrospinning of porous carbon nanocomposites for supercapacitor. <i>Fibers and Polymers</i> , 2015, 16, 421-425.	2.1	11
132	Dye-Sensitized Solar Cells Based on Porous Hollow Tin Oxide Nanofibers. <i>IEEE Transactions on Electron Devices</i> , 2015, 62, 2027-2032.	3.0	29
133	ProFile Vortex and Vortex Blue Nickel-Titanium Rotary Instruments after Clinical Use. <i>Journal of Endodontics</i> , 2015, 41, 937-942.	3.1	42
134	A form-stable phase change material made with a cellulose acetate nanofibrous mat from bicomponent electrospinning and incorporated capricâ€“myristicâ€“stearic acid ternary eutectic mixture for thermal energy storage/retrieval. <i>RSC Advances</i> , 2015, 5, 84245-84251.	3.6	14
135	An investigation for the performance of meta-aramid fiber blends treated in supercritical carbon dioxide fluid. <i>Fibers and Polymers</i> , 2015, 16, 1134-1141.	2.1	32
136	Cyclic Fatigue of ProFile Vortex and Vortex Blue Nickel-Titanium Files in Single and Double Curvatures. <i>Journal of Endodontics</i> , 2015, 41, 1686-1690.	3.1	55
137	Establishment of an activated peroxide system for low-temperature cotton bleaching using N-[4-(triethylammoniomethyl)benzoyl]butyrolactam chloride. <i>Carbohydrate Polymers</i> , 2015, 119, 71-77.	10.2	31
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