

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	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
2	Preparation of Amidoxime Polyacrylonitrile Chelating Nanofibers and Their Application for Adsorption of Metal Ions. <i>Materials</i> , 2013, 6, 969-980.	2.9	135
3	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
4	MOF-Derived Sulfide-Based Electrocatalyst and Scaffold for Boosted Hydrogen Production. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33595-33602.	8.0	123
5	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
6	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
7	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
8	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
9	A one-pot biosynthesis of reduced graphene oxide (RGO)/bacterial cellulose (BC) nanocomposites. <i>Green Chemistry</i> , 2014, 16, 3195-3201.	9.0	90
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Laccase Biosensor Based on Electrospun Copper/Carbon Composite Nanofibers for Catechol Detection. <i>Sensors</i> , 2014, 14, 3543-3556.	3.8	61

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19	MoS ₂ Nanoplates Embedded in Co-N-Doped Carbon Nanocages as Efficient Catalyst for HER and OER. ACS Sustainable Chemistry and Engineering, 2020, 8, 5724-5733.	6.7	61
20	Bacterial cellulose hydrogel: A promising electrolyte for flexible zinc-air batteries. Journal of Power Sources, 2021, 482, 228963.	7.8	61
21	A laccase based biosensor on AuNPs-MoS ₂ modified glassy carbon electrode for catechol detection. Colloids and Surfaces B: Biointerfaces, 2020, 186, 110683.	5.0	58
22	Preparation and characterization of silver nanocomposite textile. Journal of Coatings Technology Research, 2007, 4, 101-106.	2.5	57
23	Laccase Immobilized on a PAN/Adsorbents Composite Nanofibrous Membrane for Catechol Treatment by a Biocatalysis/Adsorption Process. Molecules, 2014, 19, 3376-3388.	3.8	56
24	Cyclic Fatigue of ProFile Vortex and Vortex Blue Nickel-Titanium Files in Single and Double Curvatures. Journal of Endodontics, 2015, 41, 1686-1690.	3.1	55
25	Synergistic Photodynamic and Photothermal Antibacterial Activity of In Situ Grown Bacterial Cellulose/MoS ₂ -Chitosan Nanocomposite Materials with Visible Light Illumination. ACS Applied Materials & Interfaces, 2021, 13, 31193-31205.	8.0	51
26	Wool/Acrylic Blended Fabrics as Next-Generation Photodynamic Antimicrobial Materials. ACS Applied Materials & Interfaces, 2019, 11, 29557-29568.	8.0	49
27	Graphene oxide improved thermal and mechanical properties of electrospun methyl stearate/polyacrylonitrile form-stable phase change composite nanofibers. Journal of Thermal Analysis and Calorimetry, 2014, 117, 109-122.	3.6	48
28	Carbon quantum dots embedded electrospun nanofibers for efficient antibacterial photodynamic inactivation. Materials Science and Engineering C, 2020, 108, 110377.	7.3	48
29	Smart Textiles with Self-Disinfection and Photothermochromic Effects. ACS Applied Materials & Interfaces, 2021, 13, 2245-2255.	8.0	46
30	Structures, thermal stability, and crystalline properties of polyamide6/organic-modified Fe-montmorillonite composite nanofibers by electrospinning. Journal of Materials Science, 2008, 43, 6132-6138.	3.7	45
31	An environmentally benign approach to achieving vectorial alignment and high microporosity in bacterial cellulose/chitosan scaffolds. RSC Advances, 2017, 7, 13678-13688.	3.6	45
32	ProFile Vortex and Vortex Blue Nickel-Titanium Rotary Instruments after Clinical Use. Journal of Endodontics, 2015, 41, 937-942.	3.1	42
33	Surface functionalization of silk fabric by PTFE sputter coating. Journal of Materials Science, 2007, 42, 8025-8028.	3.7	41
34	Electrospun form-stable phase change nanofibers consisting of capric acid-based binary fatty acid eutectics and polyethylene terephthalate. Fibers and Polymers, 2013, 14, 89-99.	2.1	41
35	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. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1293-1307.	3.6	40
36	Hierarchical porous nanofibers containing thymol/beta-cyclodextrin: Physico-chemical characterization and potential biomedical applications. Materials Science and Engineering C, 2020, 115, 111155.	7.3	40

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37	Surface modification of polyester nonwoven fabrics by Al ₂ O ₃ sol-gel coating. <i>Journal of Coatings Technology Research</i> , 2009, 6, 537-541.	2.5	39
38	A catechol biosensor based on electrospun carbon nanofibers. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 346-354.	2.8	38
39	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
40	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
41	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
42	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
43	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
44	Surface Structures and Contact Angles of Electrospun Poly(vinylidene fluoride) Nanofiber Membranes. <i>International Journal of Polymer Analysis and Characterization</i> , 2008, 13, 292-301.	1.9	35
45	Immobilization of catalases on amidoxime polyacrylonitrile nanofibrous membranes. <i>Polymer International</i> , 2013, 62, 251-256.	3.1	34
46	Preparation of amidoxime-modified polyacrylonitrile nanofibers immobilized with laccase for dye degradation. <i>Fibers and Polymers</i> , 2014, 15, 30-34.	2.1	34
47	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
48	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
49	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
50	Preparation of Pd/Bacterial Cellulose Hybrid Nanofibers for Dopamine Detection. <i>Molecules</i> , 2016, 21, 618.	3.8	32
51	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
52	Structural characterization and dynamic water adsorption of electrospun polyamide6/montmorillonite nanofibers. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3535-3540.	2.6	31
53	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
54	Bacterial Cellulose Reinforced Polyaniline Electroconductive Hydrogel with Multiple Weak H-Bonds as Flexible and Sensitive Strain Sensor. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100159.	3.6	31

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55	Light-driven self-disinfecting textiles functionalized by PCN-224 and Ag nanoparticles. <i>Journal of Hazardous Materials</i> , 2021, 416, 125786.	12.4	31
56	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
57	Electrospun preparation and lithium storage properties of NiFe ₂ O ₄ nanofibers. <i>Ionics</i> , 2015, 21, 687-694.	2.4	29
58	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
59	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
60	Ammonia Sensing Performance of Polyaniline-Coated Polyamide 6 Nanofibers. <i>ACS Omega</i> , 2021, 6, 8950-8957.	3.5	29
61	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
62	Antibacterial properties of PLA nonwoven medical dressings coated with nanostructured silver. <i>Fibers and Polymers</i> , 2008, 9, 556-560.	2.1	28
63	The Improvement of Thermal Stability and Conductivity via Incorporation of Carbon Nanofibers into Electrospun Ultrafine Composite Fibers of Lauric Acid/Polyamide 6 Phase Change Materials for Thermal Energy Storage. <i>International Journal of Green Energy</i> , 2014, 11, 861-875.	3.8	27
64	Effect of temperature on structure, morphology and crystallinity of PVDF nanofibers via electrospinning. <i>E-Polymers</i> , 2008, 8, .	3.0	26
65	NiCu Alloy Nanoparticle-Loaded Carbon Nanofibers for Phenolic Biosensor Applications. <i>Sensors</i> , 2015, 15, 29419-29433.	3.8	26
66	In situ formed active and intelligent bacterial cellulose/cotton fiber composite containing curcumin. <i>Cellulose</i> , 2020, 27, 9371-9382.	4.9	26
67	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
68	Nature-Inspired Hydrogel Network for Efficient Tissue-Specific Underwater Adhesive. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59761-59771.	8.0	26
69	Effect of CSA Concentration on the Ammonia Sensing Properties of CSA-Doped PA6/PANI Composite Nanofibers. <i>Sensors</i> , 2014, 14, 21453-21465.	3.8	25
70	Flexible, Stretchable, and Multifunctional Electrospun Polyurethane Mats with ODâ€1Dâ€2D Ternary Nanocompositeâ€Based Conductive Networks. <i>Advanced Electronic Materials</i> , 2021, 7, .	5.1	25
71	Research progress of the biosynthetic strains and pathways of bacterial cellulose. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2022, 49, .	3.0	25
72	Influences of organic-modified Fe-montmorillonite on structure, morphology and properties of polyacrylonitrile nanocomposite fibers. <i>Fibers and Polymers</i> , 2009, 10, 750-755.	2.1	24

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73	Comparison Between Structures and Properties of ABS Nanocomposites Derived from Two Different Kinds of OMT. <i>Journal of Materials Engineering and Performance</i> , 2010, 19, 171-176.	2.5	24
74	Preparation and characterization of the electrospun nanofibers loaded with clarithromycin. <i>Journal of Applied Polymer Science</i> , 2010, 118, 346-352.	2.6	24
75	Preparation of Cu(II)-chelated poly(vinyl alcohol) nanofibrous membranes for catalase immobilization. <i>Journal of Applied Polymer Science</i> , 2011, 120, 3291-3296.	2.6	23
76	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
77	A Novel In Situ Self-Assembling Fabrication Method for Bacterial Cellulose-Electrospun Nanofiber Hybrid Structures. <i>Polymers</i> , 2018, 10, 712.	4.5	23
78	Recent Advances in Functional Bacterial Cellulose for Wearable Physical Sensing Applications. <i>Advanced Materials Technologies</i> , 2022, 7, 2100617.	5.8	23
79	Preparation and characterization of titanium dioxide nanocomposite fibers. <i>Journal of Materials Science</i> , 2007, 42, 8001-8005.	3.7	22
80	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
81	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
82	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
83	Photoinactivation of bacteria by hypochlorite-grafted bacterial cellulose. <i>Cellulose</i> , 2020, 27, 991-1007.	4.9	22
84	Structure, Thermal, and Antibacterial Properties of Polyacrylonitrile/Ferric Chloride Nanocomposite Fibers by Electrospinning. <i>International Journal of Polymer Analysis and Characterization</i> , 2010, 15, 110-118.	1.9	21
85	Removal of a Cationic Dye by Adsorption/Photodegradation Using Electrospun PAN/O-MMT Composite Nanofibrous Membranes Coated with TiO ₂ . <i>International Journal of Photoenergy</i> , 2012, 2012, 1-8.	2.5	21
86	Incorporation of TiO_2 Nanoparticles Into SnO_2 Nanofibers for Higher Efficiency Dye-Sensitized Solar Cells. <i>IEEE Electron Device Letters</i> , 2014, 35, 578-580.	3.9	21
87	Amperometric detection of hydrogen peroxide using a nanofibrous membrane sputtered with silver. <i>RSC Advances</i> , 2014, 4, 3857-3863.	3.6	21
88	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
89	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
90	Functionalization of polyamide 6 nanofibers by electroless deposition of copper. <i>Journal of Coatings Technology Research</i> , 2008, 5, 399-403.	2.5	20

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91	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
92	Photooxidation Properties of Photosensitizer/Direct Dye Patterned Polyester/Cotton Fabrics. <i>Fibers and Polymers</i> , 2018, 19, 1687-1693.	2.1	20
93	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
94	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
95	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
96	Wetting behavior of electrospun poly(L-lactic acid)/poly(vinyl alcohol) composite nonwovens. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3172-3177.	2.6	19
97	Electrospun ultrafine composite fibers of binary fatty acid eutectics and polyethylene terephthalate as innovative form-stable phase change materials for storage and retrieval of thermal energy. <i>International Journal of Energy Research</i> , 2013, 37, 657-664.	4.5	19
98	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
99	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
100	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
101	Recent advances of micro-nanofiber materials for rechargeable zinc-air batteries. <i>Energy Storage Materials</i> , 2022, 51, 181-211.	18.0	19
102	Surface modified polyacrylonitrile nanofibers and application for metal ions chelation. <i>Fibers and Polymers</i> , 2011, 12, 1025-1029.	2.1	18
103	Thermal and mechanical properties of nanofibers-based form-stable PCMs consisting of glycerol monostearate and polyethylene terephthalate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 101-111.	3.6	18
104	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
105	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
106	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
107	Effects of ferric chloride on structure, surface morphology and combustion property of electrospun polyacrylonitrile composite nanofibers. <i>Fibers and Polymers</i> , 2011, 12, 145-150.	2.1	17
108	Effects of carbon nanotubes on morphological structure, thermal and flammability properties of electrospun composite fibers consisting of lauric acid and polyamide 6 as thermal energy storage materials. <i>Fibers and Polymers</i> , 2012, 13, 837-845.	2.1	17

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109	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
110	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
111	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
112	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
113	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
114	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
115	Fabrication of hydrophilic nanoporous PMMA/O-MMT composite microfibrillar membrane and its use in enzyme immobilization. <i>Journal of Porous Materials</i> , 2013, 20, 457-464.	2.6	15
116	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
117	Effect of a Combination of Torsional and Cyclic Fatigue Preloading on the Fracture Behavior of K3 and K3XF Instruments. <i>Journal of Endodontics</i> , 2015, 41, 526-530.	3.1	15
118	Flexible cellulose acetate nano-felts absorbed with capricâ€“myristicâ€“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
119	Wintersweet Branchâ€“Like C/C@SnO ₂ /MoS ₂ Nanofibers as Highâ€“Performance Li and Naâ€“ion Battery Anodes. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700295.	2.3	15
120	Structures and properties of the polyester nonwovens coated with titanium dioxide by reactive sputtering. <i>Journal of Coatings Technology Research</i> , 2010, 7, 637-642.	2.5	14
121	Preparation, Morphology and Properties of Electrospun Lauric Acid/PET Form-Stable Phase Change Ultrafine Composite Fibres. <i>Polymers and Polymer Composites</i> , 2011, 19, 773-780.	1.9	14
122	Direct electrochemistry of laccase and a hydroquinone biosensing application employing ZnO loaded carbon nanofibers. <i>RSC Advances</i> , 2014, 4, 61831-61840.	3.6	14
123	A form-stable phase change material made with a cellulose acetate nanofibrillar 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
124	Preparation of bacterial cellulose/carbon nanotube nanocomposite for biological fuel cell. <i>Fibers and Polymers</i> , 2016, 17, 1858-1865.	2.1	14
125	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
126	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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127	Deposition of polytetrafluoroethylene nanoparticles on graphene oxide/polyester fabrics for oil adsorption. <i>Surface Engineering</i> , 2019, 35, 426-434.	2.2	14
128	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
129	Surface characterization and properties of functionalized nonwoven. <i>Journal of Applied Polymer Science</i> , 2008, 107, 132-137.	2.6	13
130	Characterization of PVAc/TiO ₂ hybrid nanofibers: From fibrous morphologies to molecular structures. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1481-1485.	2.6	13
131	Electrochemical properties of rutile TiO ₂ nanorods as anode material for lithium-ion batteries. <i>Ionics</i> , 2012, 18, 667-672.	2.4	13
132	Fabrication and characterization of polyamide6-room temperature ionic liquid (PA6-RTIL) composite nanofibers by electrospinning. <i>Fibers and Polymers</i> , 2013, 14, 1614-1619.	2.1	13
133	Electrospun synthesis and electrochemical property of zinc ferrite nanofibers. <i>Ionics</i> , 2016, 22, 967-974.	2.4	13
134	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
135	A Novel Multilayer Composite Membrane for Wound Healing in Mice Skin Defect Model. <i>Polymers</i> , 2020, 12, 573.	4.5	13
136	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
137	Membrane Technological Pathways and Inherent Structure of Bacterial Cellulose Composites for Drug Delivery. <i>Bioengineering</i> , 2022, 9, 3.	3.5	13
138	Preparation and the light transmittance of TiO ₂ deposited fabrics. <i>Journal of Coatings Technology Research</i> , 2009, 6, 549-555.	2.5	12
139	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
140	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
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