Qufu Wei

List of Publications by Citations

325 papers	7,369 citations	44 h-index	62 g-index
342 ext. papers	8,950 ext. citations	4.9 avg, IF	6.5 L-index

#	Paper	IF	Citations
325	Bacterial cellulose and bacterial cellulose-vaccarin membranes for wound healing. *Materials Science and Engineering C*, **2016**, 59, 303-309	8.3	137
324	Thermal stability, latent heat and flame retardant properties of the thermal energy storage phase change materials based on paraffin/high density polyethylene composites. *Renewable Energy*, **2009**, 34, 2117-2123	8.1	136
323	Effects of nano-SiO2 on morphology, thermal energy storage, thermal stability, and combustion properties of electrospun lauric acid/PET ultrafine composite fibers as form-stable phase change materials. *Applied Energy*, **2011**, 88, 2106-2112	10.7	126
322	Multifunctional adsorbent based on metal-organic framework modified bacterial cellulose/chitosan composite aerogel for high efficient removal of heavy metal ion and organic pollutant. *Chemical Engineering Journal*, **2020**, 383, 123127	14.7	123
321	A room temperature ammonia gas sensor based on cellulose/TiO 2 /PANI composite nanofibers. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 494, 248-255	5.1	105
320	Preparation of Amidoxime Polyacrylonitrile Chelating Nanofibers and Their Application for Adsorption of Metal Ions. *Materials*, **2013**, 6, 969-980	3.5	103
319	Novel phenolic biosensor based on a magnetic polydopamine-laccase-nickel nanoparticle loaded carbon nanofiber composite. *ACS Applied Materials & Interfaces*, **2014**, 6, 5144-51	9.5	96
318	Preparation and properties studies of halogen-free flame retardant form-stable phase change materials based on paraffin/high density polyethylene composites. *Applied Energy*, **2008**, 85, 765-775	10.7	88
317	Electrospun polystyrene nanofibrous membranes for direct contact membrane distillation. *Journal of Membrane Science*, **2016**, 515, 86-97	9.6	86
316	Laccase-immobilized bacterial cellulose/TiO2 functionalized composite membranes: Evaluation for photo- and bio-catalytic dye degradation. *Journal of Membrane Science*, **2017**, 525, 89-98	9.6	85
315	Flexible electrically conductive biomass-based aerogels for piezoresistive pressure/strain sensors. *Chemical Engineering Journal*, **2019**, 373, 1357-1366	14.7	84
314	Coaxial Electrospun Cellulose-Core Fluoropolymer-Shell Fibrous Membrane from Recycled Cigarette Filter as Separator for High Performance Lithium-Ion Battery. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 932-940	8.3	84
313	Electrospun AOPAN/RC blend nanofiber membrane for efficient removal of heavy metal ions from water. *Journal of Hazardous Materials*, **2018**, 344, 819-828	12.8	84
312	Formation of Yolk□Shelled Nickel□Cobalt Selenide Dodecahedral Nanocages from Metal□Organic Frameworks for Efficient Hydrogen and Oxygen Evolution. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 10952-10959	8.3	80
311	Multifunctional wearable smart device based on conductive reduced graphene oxide/polyester fabric. *Applied Surface Science*, **2018**, 454, 218-226	6.7	76
310	A one-pot biosynthesis of reduced graphene oxide (RGO)/bacterial cellulose (BC) nanocomposites. *Green Chemistry*, **2014**, 16, 3195-3201	10	73
309	Electrospun ultrafine composite fibers consisting of lauric acid and polyamide 6 as form-stable phase change materials for storage and retrieval of solar thermal energy. *Solar Energy Materials and Solar Cells*, **2012**, 103, 53-61	6.4	73

308	Electrospun water-stable zein/ethyl cellulose composite nanofiber and its drug release properties. *Materials Science and Engineering C*, **2017**, 74, 86-93	8.3	72
307	Preparation, morphology and thermal properties of electrospun fatty acid eutectics/polyethylene terephthalate form-stable phase change ultrafine composite fibers for thermal energy storage. *Energy Conversion and Management*, **2012**, 64, 245-255	10.6	70
306	Sonochemical synthesis of ordered SnO2/CMK-3 nanocomposites and their lithium storage properties. *ACS Applied Materials & Interfaces*, **2011**, 3, 3704-8	9.5	68
305	Encapsulation of enzyme by metal-organic framework for single-enzymatic biofuel cell-based self-powered biosensor. *Nano Energy*, **2020**, 68, 104308	17.1	68
304	High lithium electroactivity of electrospun CuFe2O4 nanofibers as anode material for lithium-ion batteries. *Electrochimica Acta*, **2014**, 144, 85-91	6.7	63
303	Ultralight and Flexible Carbon Foam-Based Phase Change Composites with High Latent-Heat Capacity and Photothermal Conversion Capability. *ACS Applied Materials & Interfaces*, **2019**, 11, 31997-32007	8.5	61
302	Fabrication and characterization of capric-lauric-palmitic acid/electrospun SiO2 nanofibers composite as form-stable phase change material for thermal energy storage/retrieval. *Solar Energy*, **2015**, 118, 87-95	6.8	59
301	Fabrication of PA6/TiO2/PANI composite nanofibers by electrospinning-electrospraying for ammonia sensor. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 461, 113-118	5.1	57
300	A highly flexible self-powered biosensor for glucose detection by epitaxial deposition of gold nanoparticles on conductive bacterial cellulose. *Chemical Engineering Journal*, **2018**, 351, 177-188	14.7	57
299	Highly Sensitive and Stretchable CNT-Bridged AgNP Strain Sensor Based on TPU Electrospun Membrane for Human Motion Detection. *Advanced Electronic Materials*, **2019**, 5, 1900241	6.4	56
298	Synthesis of novel nitrogen-doped carbon dots for highly selective detection of iron ion. *Nanotechnology*, **2017**, 28, 165502	3.4	55
297	Laccase biosensor based on electrospun copper/carbon composite nanofibers for catechol detection. *Sensors*, **2014**, 14, 3543-56	3.8	55
296	Self-assembly of nitrogen-doped carbon dots anchored on bacterial cellulose and their application in iron ion detection. *Carbohydrate Polymers*, **2017**, 172, 93-101	10.3	54
295	Influences of expanded graphite on structural morphology and thermal performance of composite phase change materials consisting of fatty acid eutectics and electrospun PA6 nanofibrous mats. *Renewable Energy*, **2013**, 57, 163-170	8.1	53
294	Electrospun nanofibrous mats absorbed with fatty acid eutectics as an innovative type of form-stable phase change materials for storage and retrieval of thermal energy. *Solar Energy Materials and Solar Cells*, **2013**, 109, 160-168	6.4	52
293	Electrospun thymol-loaded porous cellulose acetate fibers with potential biomedical applications. *Materials Science and Engineering C*, **2020**, 109, 110536	8.3	52
292	Dynamic contact angles and morphology of PP fibres treated with plasma. *Polymer Testing*, **2006**, 25, 22-27	4.5	51
291	Fabrication and characterization of electrospun SiO2 nanofibers absorbed with fatty acid eutectics for thermal energy storage/retrieval. *Solar Energy Materials and Solar Cells*, **2015**, 132, 183-190	6.4	50

290	Preparation and characterization of silver nanocomposite textile **2007**, 4, 101-106		50
289	Cotton fabric finished by PANI/TiO2 with multifunctions of conductivity, anti-ultraviolet and photocatalysis activity. *Applied Surface Science*, **2019**, 470, 84-90	6.7	49
288	Nanostructures and surface nanomechanical properties of polyacrylonitrile/graphene oxide composite nanofibers by electrospinning. *Journal of Applied Polymer Science*, **2013**, 128, 1152-1157	2.9	48
287	A Dual-Mode Wearable Sensor Based on Bacterial Cellulose Reinforced Hydrogels for Highly Sensitive Strain/Pressure Sensing. *Advanced Electronic Materials*, **2020**, 6, 1900934	6.4	48
286	Encapsulating enzyme into metal-organic framework during in-situ growth on cellulose acetate nanofibers as self-powered glucose biosensor. *Biosensors and Bioelectronics*, **2021**, 171, 112690	11.8	48
285	The effects of electrospinning parameters on coaxial Sn/C nanofibers: Morphology and lithium storage performance. *Electrochimica Acta*, **2014**, 121, 345-351	6.7	47
284	Laccase immobilized on a PAN/adsorbents composite nanofibrous membrane for catechol treatment by a biocatalysis/adsorption process. *Molecules*, **2014**, 19, 3376-88	4.8	46
283	MoS Coexisting in 1T and 2H Phases Synthesized by Common Hydrothermal Method for Hydrogen Evolution Reaction. *Nanomaterials*, **2019**, 9,	5.4	45
282	Facile fabrication of gold nanoparticle on zein ultrafine fibers and their application for catechol biosensor. *Applied Surface Science*, **2015**, 328, 444-452	6.7	45
281	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	4.1	43
280	Activity of laccase immobilized on TiO2-montmorillonite complexes. *International Journal of Molecular Sciences*, **2013**, 14, 12520-32	6.3	43
279	Dynamic wetting behavior of plasma treated PET fibers. *Journal of Materials Processing Technology*, **2007**, 194, 89-92	5.3	43
278	Structures, thermal stability, and crystalline properties of polyamide6/organic-modified Fe-montmorillonite composite nanofibers by electrospinning. *Journal of Materials Science*, **2008**, 43, 6132-6138	4.3	43
277	Fabrication of polyaniline/carboxymethyl cellulose/cellulose nanofibrous mats and their biosensing application. *Applied Surface Science*, **2015**, 349, 35-42	6.7	42
276	Biosensor based on bacterial cellulose-Au nanoparticles electrode modified with laccase for hydroquinone detection. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2016**, 509, 408-414	5.1	41
275	Ammonia sensing behaviors of TiO2-PANI/PA6 composite nanofibers. *Sensors*, **2012**, 12, 17046-57	3.8	41
274	A multifunctional and highly stretchable electronic device based on silver nanowire/wrap yarn composite for a wearable strain sensor and heater. *Journal of Materials Chemistry C*, **2019**, 7, 13468-13476	7.1	41
273	Structure, morphology, thermal stability and carbonization mechanism studies of electrospun PA6/Fe-OMT nanocomposite fibers. *Polymer Degradation and Stability*, **2008**, 93, 2180-2185	4.7	40

272	Structural morphology and thermal performance of composite phase change materials consisting of capric acid series fatty acid eutectics and electrospun polyamide6 nanofibers for thermal energy storage. *Materials Letters*, **2012**, 89, 43-46	3.3	39
271	Electrospun synthesis and lithium storage properties of magnesium ferrite nanofibers. *Electrochimica Acta*, **2015**, 160, 43-49	6.7	38
270	Protoporphyrin-IX conjugated cellulose nanofibers that exhibit high antibacterial photodynamic inactivation efficacy. *Nanotechnology*, **2018**, 29, 265601	3.4	37
269	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	4.1	37
268	Dynamic water adsorption behaviour of plasma-treated polypropylene nonwovens. *Polymer Testing* , **2006**, 25, 717-722	4.5	37
267	Nickel-cobalt layered double hydroxide nanosheets with reduced graphene oxide grown on carbon cloth for symmetric supercapacitor. *Applied Surface Science*, **2019**, 483, 593-600	6.7	36
266	Facile synthesis of one-dimensional zinc vanadate nanofibers for high lithium storage anode material. *Journal of Alloys and Compounds*, **2015**, 649, 1019-1024	5.7	36
265	Electrospun form-stable phase change composite nanofibers consisting of capric acid-based binary fatty acid eutectics and polyethylene terephthalate. *Fibers and Polymers*, **2013**, 14, 89-99	2	36
264	Fabrication of electrospun ZnMn2O4 nanofibers as anode material for lithium-ion batteries. *Electrochimica Acta*, **2015**, 177, 283-289	6.7	36
263	Surface functionalization of silk fabric by PTFE sputter coating. *Journal of Materials Science*, **2007**, 42, 8025-8028	4.3	36
262	One for two strategy to prepare MOF-derived NiCo2S4 nanorods grown on carbon cloth for high-performance asymmetric supercapacitors and efficient oxygen evolution reaction. *Electrochimica Acta*, **2020**, 334, 135636	6.7	35
261	A novel single-enzymatic biofuel cell based on highly flexible conductive bacterial cellulose electrode utilizing pollutants as fuel. *Chemical Engineering Journal*, **2020**, 379, 122316	14.7	35
260	Carboxymethyl cellulose assisted immobilization of silver nanoparticles onto cellulose nanofibers for the detection of catechol. *Journal of Electroanalytical Chemistry*, **2015**, 738, 92-99	4.1	34
259	Fe-doped Co 9 S 8 nanosheets on carbon fiber cloth as pH-universal freestanding electrocatalysts for efficient hydrogen evolution. *Electrochimica Acta*, **2018**, 264, 157-165	6.7	34
258	Ag-coated polyurethane fibers membranes absorbed with quinary fatty acid eutectics solid-liquid phase change materials for storage and retrieval of thermal energy. *Renewable Energy*, **2016**, 99, 1-9	8.1	34
257	Surface modification of polyester nonwoven fabrics by Al2O3 sol–gel coating **2009**, 6, 537-541		34
256	Carbon quantum dots: A bright future as photosensitizers for in vitro antibacterial photodynamic inactivation. *Journal of Photochemistry and Photobiology B: Biology*, **2020**, 206, 111864	6.7	33
255	Copper nanoparticles-sputtered bacterial cellulose nanocomposites displaying enhanced electromagnetic shielding, thermal, conduction, and mechanical properties. *Cellulose*, **2016**, 23, 3117-3127	5.5	33

254	A catechol biosensor based on electrospun carbon nanofibers. *Beilstein Journal of Nanotechnology*, **2014**, 5, 346-54	3	33
253	Characteristics of SnO2 nanofiber/TiO2 nanoparticle composite for dye-sensitized solar cells. *AIP Advances*, **2015**, 5, 067134	1.5	32
252	MOF-Derived Sulfide-Based Electrocatalyst and Scaffold for Boosted Hydrogen Production. *ACS Applied Materials & Interfaces*, **2020**, 12, 33595-33602	9.5	32
251	Wool/Acrylic Blended Fabrics as Next-Generation Photodynamic Antimicrobial Materials. *ACS Applied Materials & Interfaces*, **2019**, 11, 29557-29568	9.5	32
250	Structure, surface morphology, thermal and flammability characterizations of polyamide6/organic-modified Fe-montmorillonite nanocomposite fibers functionalized by sputter coating of silicon. *Surface and Coatings Technology*, **2008**, 203, 264-270	4.4	32
249	An environmentally benign approach to achieving vectorial alignment and high microporosity in bacterial cellulose/chitosan scaffolds. *RSC Advances*, **2017**, 7, 13678-13688	3.7	30
248	Surface Structures and Contact Angles of Electrospun Poly(vinylidene fluoride) Nanofiber Membranes. *International Journal of Polymer Analysis and Characterization*, **2008**, 13, 292-301	1.7	30
247	A plant-inspired long-lasting adhesive bilayer nanocomposite hydrogel based on redox-active Ag/Tannic acid-Cellulose nanofibers. *Carbohydrate Polymers*, **2021**, 255, 117508	10.3	30
246	Electrospun ZnO‐SnO2 composite nanofibers with enhanced electrochemical performance as lithium-ion anodes. *Ceramics International*, **2016**, 42, 10826-10832	5.1	30
245	Metal-based bacterial cellulose of sandwich nanomaterials for anti-oxidation electromagnetic interference shielding. *Materials and Design*, **2016**, 112, 374-382	8.1	30
244	Facile fabrication of flexible SiO2/PANI nanofibers for ammonia gas sensing at room temperature. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 537, 532-539	5.1	30
243	Immobilization of catalases on amidoxime polyacrylonitrile nanofibrous membranes. *Polymer International*, **2013**, 62, 251-256	3.3	29
242	A laccase based biosensor on AuNPs-MoS modified glassy carbon electrode for catechol detection. *Colloids and Surfaces B: Biointerfaces*, **2020**, 186, 110683	6	29
241	Preparation of amidoxime-modified polyacrylonitrile nanofibers immobilized with laccase for dye degradation. *Fibers and Polymers*, **2014**, 15, 30-34	2	28
240	AFM characterization of nonwoven material functionalized by ZnO sputter coating. *Materials Characterization*, **2007**, 58, 854-858	3.9	28
239	Polyester fabric coated with Ag/ZnO composite film by magnetron sputtering. *Applied Surface Science*, **2016**, 390, 863-869	6.7	28
238	Effects of SiO2 nanoparticles on structure and property of form-stable phase change materials made of cellulose acetate phase inversion membrane absorbed with capric-myristic-stearic acid ternary eutectic mixture. *Thermochimica Acta*, **2017**, 653, 49-58	2.9	27
237	TiO2-CuCNFs based laccase biosensor for enhanced electrocatalysis in hydroquinone detection. *Journal of Electroanalytical Chemistry*, **2016**, 766, 16-23	4.1	27

236	Preparation of photodynamic P(MMA-co-MAA) composite nanofibers doped with MMT: A facile method for increasing antimicrobial efficiency. *Applied Surface Science*, **2018**, 457, 247-255	6.7	27
235	Structural characterization and dynamic water adsorption of electrospun polyamide6/montmorillonite nanofibers. *Journal of Applied Polymer Science*, **2008**, 107, 3535-3540	2.9	27
234	Surface functionalization of carbon nanofibers by sol□gel coating of zinc oxide. *Applied Surface Science*, **2008**, 254, 6543-6546	6.7	27
233	Ammonia gas sensors based on InO/PANI hetero-nanofibers operating at room temperature. *Beilstein Journal of Nanotechnology*, **2016**, 7, 1312-1321	3	27
232	Establishment of an activated peroxide system for low-temperature cotton bleaching using N-[4-(triethylammoniomethyl)benzoyl]butyrolactam chloride. *Carbohydrate Polymers*, **2015**, 119, 71-7	10.3	26
231	Mussel-inspired sandwich-like nanofibers/hydrogel composite with super adhesive, sustained drug release and anti-infection capacity. *Chemical Engineering Journal*, **2020**, 399, 125668	14.7	26
230	Conductivity and antibacterial properties of wool fabrics finished by polyaniline/chitosan. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 548, 117-124	5.1	26
229	High Adsorption Pearl-Necklace-Like Composite Membrane Based on Metal□Organic Framework for Heavy Metal Ion Removal. *Particle and Particle Systems Characterization*, **2018**, 35, 1700438	3.1	26
228	Biosynthesis of Bacterial Cellulose/Carboxylic Multi-Walled Carbon Nanotubes for Enzymatic Biofuel Cell Application. *Materials*, **2016**, 9,	3.5	26
227	Laccase immobilized on PAN/O-MMT composite nanofibers support for substrate bioremediation: a de novo adsorption and biocatalytic synergy. *RSC Advances*, **2016**, 6, 41420-41427	3.7	26
226	FRET as a novel strategy to enhance the singlet oxygen generation of porphyrinic MOF decorated self-disinfecting fabrics. *Chemical Engineering Journal*, **2020**, 395, 125012	14.7	25
225	Fabrication of PANI-coated ZnFe2O4 nanofibers with enhanced electrochemical performance for energy storage. *Electrochimica Acta*, **2018**, 273, 282-288	6.7	25
224	Protoporphyrin IX conjugated bacterial cellulose via diamide spacer arms with specific antibacterial photodynamic inactivation against Escherichia coli. *Cellulose*, **2018**, 25, 1673-1686	5.5	25
223	Immobilization of catalase on electrospun PVA/PA6-Cu(II) nanofibrous membrane for the development of efficient and reusable enzyme membrane reactor. *Environmental Science & Technology*, **2014**, 48, 10390-7	10.3	25
222	Characterization of nonwoven material functionalized by sputter coating of copper. *Surface and Coatings Technology*, **2008**, 202, 2535-2539	4.4	25
221	Functionalization of Textile Materials by Plasma Enhanced Modification. *Journal of Industrial Textiles*, **2007**, 36, 301-309	1.6	25
220	Carbon quantum dots embedded electrospun nanofibers for efficient antibacterial photodynamic inactivation. *Materials Science and Engineering C*, **2020**, 108, 110377	8.3	25
219	Bacterial cellulose hydrogel: A promising electrolyte for flexible zinc-air batteries. *Journal of Power Sources*, **2021**, 482, 228963	8.9	25

218	Design of flexible PANI-coated CuO-TiO-SiO heterostructure nanofibers with high ammonia sensing response values. *Nanotechnology*, **2017**, 28, 225501	3.4	24
217	Influences of organic-modified Fe-montmorillonite on structure, morphology and properties of polyacrylonitrile nanocomposite fibers. *Fibers and Polymers*, **2009**, 10, 750-755	2	24
216	Thermal behavior and shape-stabilization of fatty acid eutectics/electrospun carbon nano-felts composite phase change materials enhanced by reduced graphene oxide. *Solar Energy Materials and Solar Cells*, **2019**, 191, 306-315	6.4	24
215	Dye-Sensitized Solar Cells Based on Porous Hollow Tin Oxide Nanofibers. *IEEE Transactions on Electron Devices*, **2015**, 62, 2027-2032	2.9	23
214	Highly flexible, transparent, and conductive silver nanowire-attached bacterial cellulose conductors. *Cellulose*, **2018**, 25, 3189-3196	5.5	23
213	Comparison Between Structures and Properties of ABS Nanocomposites Derived from Two Different Kinds of OMT. *Journal of Materials Engineering and Performance*, **2010**, 19, 171-176	1.6	23
212	Preparation of Pd/Bacterial Cellulose Hybrid Nanofibers for Dopamine Detection. *Molecules*, **2016**, 21,	4.8	23
211	The enhanced gas-sensing and photocatalytic performance of hollow and hollow core–shell SnO2-based nanofibers induced by the Kirkendall effect. *Ceramics International*, **2016**, 42, 1817-1826	5.1	22
210	An investigation for the performance of meta-aramid fiber blends treated in supercritical carbon dioxide fluid. *Fibers and Polymers*, **2015**, 16, 1134-1141	2	22
209	Electrospun preparation and lithium storage properties of NiFe2O4 nanofibers. *Ionics*, **2015**, 21, 687-694	2.7	22
208	Effect of In2O3 nanofiber structure on the ammonia sensing performances of In2O3/PANI composite nanofibers. *Journal of Materials Science*, **2017**, 52, 686-695	4.3	22
207	Laccase Immobilization by Chelated Metal Ion Coordination Chemistry. *Polymers*, **2014**, 6, 2357-2370	4.5	22
206	Effect of CSA concentration on the ammonia sensing properties of CSA-doped PA6/PANI composite nanofibers. *Sensors*, **2014**, 14, 21453-65	3.8	22
205	Surface modification of PMMA/O-MMT composite microfibers by TiO2 coating. *Applied Surface Science*, **2011**, 258, 98-102	6.7	22
204	Flame retardancy and conductive properties of polyester fabrics coated with polyaniline. *Textile Reseach Journal*, **2016**, 86, 1171-1179	1.7	21
203	Hierarchical porous nanofibers containing thymol/beta-cyclodextrin: Physico-chemical characterization and potential biomedical applications. *Materials Science and Engineering C*, **2020**, 115, 111155	8.3	21
202	Microwave-Assisted Rapid Preparation of Nano-ZnO/Ag Composite Functionalized Polyester Nonwoven Membrane for Improving Its UV Shielding and Antibacterial Properties. *Materials*, **2018**, 11,	3.5	21
201	Fabrication of hierarchical TiO2 nanofibers by microemulsion electrospinning for photocatalysis applications. *Ceramics International*, **2017**, 43, 15911-15917	5.1	21

200	Electrospinning combined with hydrothermal synthesis and lithium storage properties of ZnFe2O4-graphene composite nanofibers. *Ceramics International*, **2017**, 43, 2136-2142	5.1	21
199	Preparation of Cu(II)-chelated poly(vinyl alcohol) nanofibrous membranes for catalase immobilization. *Journal of Applied Polymer Science*, **2011**, 120, 3291-3296	2.9	21
198	Removal of a Cationic Dye by Adsorption/Photodegradation Using Electrospun PAN/O-MMT Composite Nanofibrous Membranes Coated withTiO2. *International Journal of Photoenergy*, **2012**, 2012, 1-8	2.1	21
197	Preparation and characterization of the electrospun nanofibers loaded with clarithromycin. *Journal of Applied Polymer Science*, **2010**, 118, 346-352	2.9	21
196	Preparation and characterization of titanium dioxide nanocomposite fibers. *Journal of Materials Science*, **2007**, 42, 8001-8005	4.3	21
195	Antibacterial properties of PLA nonwoven medical dressings coated with nanostructured silver. *Fibers and Polymers*, **2008**, 9, 556-560	2	21
194	Surface functionalization, morphology and thermal properties of polyamide6/O-MMT composite nanofibers by Fe2O3 sputter coating. *Applied Surface Science*, **2008**, 254, 5501-5505	6.7	21
193	A new method to prepare no-binder, integral electrodes-separator, asymmetric all-solid-state flexible supercapacitor derived from bacterial cellulose. *Journal of Physics and Chemistry of Solids*, **2017**, 110, 202-210	3.9	20
192	Surface Modification of Bacterial Cellulose by Copper and Zinc Oxide Sputter Coating for UV-Resistance/Antistatic/Antibacterial Characteristics. *Coatings*, **2020**, 10, 364	2.9	20
191	NiCu Alloy Nanoparticle-Loaded Carbon Nanofibers for Phenolic Biosensor Applications. *Sensors*, **2015**, 15, 29419-33	3.8	20
190	Highly stretchable and bio-based sensors for sensitive strain detection of angular displacements. *Cellulose*, **2019**, 26, 3401-3413	5.5	20
189	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. *International Journal of Green Energy*, **2014**, 11, 861-875	3	19
188	Preparation of a Cu(II)-PVA/PA6 composite nanofibrous membrane for enzyme immobilization. *International Journal of Molecular Sciences*, **2012**, 13, 12734-46	6.3	19
187	Solvothermal synthesis of NiO/C hybrid microspheres as Li-intercalation electrode material. *Materials Letters*, **2010**, 64, 1022-1024	3.3	19
186	Surface characterization of functional nanostructures sputtered on fiber substrates. *Surface and Coatings Technology*, **2006**, 201, 1821-1826	4.4	19
185	Observation of wetting behavior of polypropylene microfibers by environmental scanning electron microscope. *Journal of Aerosol Science*, **2002**, 33, 1589-1593	4.3	19
184	All-Fiber-Structured Triboelectric Nanogenerator via One-Pot Electrospinning for Self-Powered Wearable Sensors. *ACS Applied Materials & Interfaces*, **2021**, 13, 24774-24784	9.5	19
183	Electrical and optical properties of polyester fabric coated with Ag/TiO2 composite films by magnetron sputtering. *Textile Reseach Journal*, **2016**, 86, 887-894	1.7	18

182	Incorporation of ${rm TiO}_{2}$ Nanoparticles Into ${rm SnO}_{2}$ Nanofibers for Higher Efficiency Dye-Sensitized Solar Cells. *IEEE Electron Device Letters*, **2014**, 35, 578-580	4.4	18
181	Surface modified ployacrylonitrile nanofibers and application for metal ions chelation. *Fibers and Polymers*, **2011**, 12, 1025-1029	2	18
180	Structure, Thermal, and Antibacterial Properties of Polyacrylonitrile/Ferric Chloride Nanocomposite Fibers by Electrospinning. *International Journal of Polymer Analysis and Characterization*, **2010**, 15, 110-118	1.7	18
179	Wetting behavior of electrospun poly(L-lactic acid)/poly(vinyl alcohol) composite nonwovens. *Journal of Applied Polymer Science*, **2008**, 110, 3172-3177	2.9	18
178	Evaluation of the interfacial bonding between fibrous substrate and sputter coated copper. *Surface and Coatings Technology*, **2008**, 202, 4673-4680	4.4	18
177	Tin nanoparticles embedded in ordered mesoporous carbon as high-performance anode for sodium-ion batteries. *Journal of Solid State Electrochemistry*, **2017**, 21, 1385-1395	2.6	17
176	Preparation of novel form□table composite phase change materials with porous silica nanofibrous mats for thermal storage/retrieval. *Colloids and Surfaces A: Physicochemical and Engineering Aspects* , **2019**, 570, 1-10	5.1	17
175	Insight into light-driven antibacterial cotton fabrics decorated by in situ growth strategy. *Journal of Colloid and Interface Science*, **2020**, 579, 233-242	9.3	17
174	Amperometric detection of hydrogen peroxide using a nanofibrous membrane sputtered with silver. *RSC Advances*, **2014**, 4, 3857-3863	3.7	17
173	Effects of ferric chloride on structure, surface morphology and combustion property of electrospun polyacrylonitrile composite nanofibers. *Fibers and Polymers*, **2011**, 12, 145-150	2	17
172	Smart Textiles with Self-Disinfection and Photothermochromic Effects. *ACS Applied Materials & Interfaces*, **2021**, 13, 2245-2255	9.5	17
171	C@TiO /MoO Composite Nanofibers with 1T-Phase MoS Nanograin Dopant and Stabilized Interfaces as Anodes for Li- and Na-Ion Batteries. *ChemSusChem*, **2018**, 11, 4060-4070	8.3	17
170	Carbon-Coated Magnesium Ferrite Nanofibers for Lithium-Ion Battery Anodes with Enhanced Cycling Performance. *Energy Technology*, **2017**, 5, 1364-1372	3.5	16
169	A Novel In Situ Self-Assembling Fabrication Method for Bacterial Cellulose-Electrospun Nanofiber Hybrid Structures. *Polymers*, **2018**, 10,	4.5	16
168	Fibrous Network of C@MoS Nanocapsule-Decorated Cotton Linters Interconnected by Bacterial Cellulose for Lithium- and Sodium-Ion Batteries. *ChemSusChem*, **2019**, 12, 5075-5080	8.3	16
167	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. *International Journal of Energy Research*, **2013**, 37, 657-664	4.5	16
166	Thermal and mechanical properties of nanofibers-based form-stable PCMs consisting of glycerol monostearate and polyethylene terephthalate. *Journal of Thermal Analysis and Calorimetry*, **2013**, 114, 101-111	4.1	16
165	Functionalization of polyamide 6 nanofibers by electroless deposition of copper **2008**, 5, 399-403		16

164	Photocatalytic property of polyester fabrics coated with Ag/TiO2 composite films by magnetron sputtering. *Vacuum*, **2020**, 172, 109103	3.7	16
163	Electrochemical Properties of LLTO/Fluoropolymer-Shell Cellulose-Core Fibrous Membrane for Separator of High Performance Lithium-Ion Battery. *Materials*, **2016**, 9,	3.5	16
162	Effect of pore distribution on the lithium storage properties of porous C/SnO2 nanofibers. *Journal of Alloys and Compounds*, **2017**, 711, 414-423	5.7	15
161	Preparation of TiO2 Nanofibrous Membranes with Hierarchical Porosity for Efficient Photocatalytic Degradation. *Journal of Physical Chemistry C*, **2018**, 122, 8946-8953	3.8	15
160	Novel freestanding N-doped carbon coated Fe3O4 nanocomposites with 3D carbon fibers network derived from bacterial cellulose for supercapacitor application. *Journal of Electroanalytical Chemistry*, **2018**, 810, 18-26	4.1	15
159	Nanocomposites prepared by electrohydrodynamics and their drug release properties. *Materials Science and Engineering C*, **2018**, 91, 26-35	8.3	15
158	An investigation into the bust girth range of pressure comfort garment based on elastic sports vest. *Journal of the Textile Institute*, **2013**, 104, 223-230	1.5	15
157	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. *Fibers and Polymers*, **2012**, 13, 837-845	2	15
156	Preparation of a graphene-loaded carbon nanofiber composite with enhanced graphitization and conductivity for biosensing applications. *RSC Advances*, **2015**, 5, 30602-30609	3.7	14
155	Fabricate BC/Fe3O4@PPy 3D nanofiber film as flexible electrode for supercapacitor application. *Journal of Physics and Chemistry of Solids*, **2018**, 116, 153-160	3.9	14
154	Co-electrospun nanofibers of PVA-SbQ and Zein for wound healing. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	14
153	Solvothermal preparation and lithium storage properties of Fe2O3/C hybrid microspheres. *Journal of Alloys and Compounds*, **2012**, 513, 220-223	5.7	14
152	Electrochemical charge storage of flowerlike rutile TiO2 nanorods. *Chemical Physics Letters*, **2010**, 490, 180-183	2.5	14
151	Free-standing TiO2@SiO2/PANI composite nanofibers for ammonia sensors. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 3576-3583	2.1	14
150	Photooxidation Properties of Photosensitizer/Direct Dye Patterned Polyester/Cotton Fabrics. *Fibers and Polymers*, **2018**, 19, 1687-1693	2	14
149	Structural colors of fabric from Ag/TiO2 composite films prepared by magnetron sputtering deposition. *International Journal of Clothing Science and Technology*, **2017**, 29, 427-435	0.7	13
148	Sonochemical synthesis and high lithium storage properties of ordered Co/CMK-3 nanocomposites. *Applied Surface Science*, **2017**, 400, 492-497	6.7	13
147	MoS2 nanograins doped TiO2 nanofibers as intensified anodes for lithium ion batteries. *Materials Letters*, **2018**, 218, 47-51	3.3	13

146	Fabrication of hydrophilic nanoporous PMMA/O-MMT composite microfibrous membrane and its use in enzyme immobilization. *Journal of Porous Materials*, **2013**, 20, 457-464	2.4	13
145	Structures and properties of SnO2 nanofibers derived from two different polymer intermediates. *Journal of Materials Science*, **2013**, 48, 3378-3385	4.3	13
144	Wintersweet Branch-Like C/C@SnO2/MoS2 Nanofibers as High-Performance Li and Na-Ion Battery Anodes. *Particle and Particle Systems Characterization*, **2017**, 34, 1700295	3.1	13
143	Characterization of PVAc/TiO2 hybrid nanofibers: From fibrous morphologies to molecular structures. *Journal of Applied Polymer Science*, **2009**, 112, 1481-1485	2.9	13
142	Photoinactivation of bacteria by hypocrellin-grafted bacterial cellulose. *Cellulose*, **2020**, 27, 991-1007	5.5	13
141	Preparation and characterization of electrospun polyvinyl alcoholstyrylpyridinium/β-cyclodextrin composite nanofibers: Release behavior and potential use for wound dressing. *Fibers and Polymers*, **2016**, 17, 1835-1841	2	13
140	Deposition of polytetrafluoroethylene nanoparticles on graphene oxide/polyester fabrics for oil adsorption. *Surface Engineering*, **2019**, 35, 426-434	2.6	13
139	Sequestration of Pb(II) Ions from Aqueous Systems with Novel Green Bacterial Cellulose Graphene Oxide Composite. *Materials*, **2019**, 12,	3.5	12
138	Effect of treatment pressure on structures and properties of PMIA fiber in supercritical carbon dioxide fluid. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	12
137	Electrospun synthesis and electrochemical property of zinc ferrite nanofibers. *Ionics*, **2016**, 22, 967-974	2.7	12
136	Direct electrochemistry of laccase and a hydroquinone biosensing application employing ZnO loaded carbon nanofibers. *RSC Advances*, **2014**, 4, 61831-61840	3.7	12
135	Fabrication and characterization of polyamide6-room temperature ionic liquid (PA6-RTIL) composite nanofibers by electrospinning. *Fibers and Polymers*, **2013**, 14, 1614-1619	2	12
134	Structures and properties of the polyester nonwovens coated with titanium dioxide by reactive sputtering **2010**, 7, 637-642		12
133	Preparation of bacterial cellulose/carbon nanotube nanocomposite for biological fuel cell. *Fibers and Polymers*, **2016**, 17, 1858-1865	2	12
132	Porous protoporphyrin IX-embedded cellulose diacetate electrospun microfibers in antimicrobial photodynamic inactivation. *Materials Science and Engineering C*, **2021**, 118, 111502	8.3	12
131	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. *Journal of Thermal Analysis and Calorimetry*, **2017**, 128, 661-673	4.1	11
130	A form-stable phase change material made with a cellulose acetate nanofibrous mat from bicomponent electrospinning and incorporated capric–myristic–stearic acid ternary eutectic mixture for thermal energy storage/retrieval. *RSC Advances*, **2015**, 5, 84245-84251	3.7	11
129	FeNi alloy nanoparticles embedded in electrospun nitrogen-doped carbon fibers for efficient oxygen evolution reaction. *Journal of Colloid and Interface Science*, **2020**, 578, 805-813	9.3	11

128	Facile synthesis of three-dimensional MgFe2O4/graphene aerogel composites for high lithium storage performance and its application in full cell. *Materials and Design*, **2019**, 182, 108043	8.1	11
127	Rapid surface functionalization of cotton fabrics by modified hydrothermal synthesis of ZnO. *Journal of the Textile Institute*, **2017**, 108, 1391-1397	1.5	11
126	Synergistic Photodynamic and Photothermal Antibacterial Activity of In Situ Grown Bacterial Cellulose/MoS-Chitosan Nanocomposite Materials with Visible Light Illumination. *ACS Applied Materials & Interfaces*, **2021**, 13, 31193-31205	9.5	11
125	Flexible, Stretchable, and Multifunctional Electrospun Polyurethane Mats with 0D-1D-2D Ternary Nanocomposite-Based Conductive Networks. *Advanced Electronic Materials*, **2021**, 7, 2000840	6.4	11
124	Three-dimensional bacterial cellulose-electrospun membrane hybrid structures fabricated through in-situ self-assembly. *Cellulose*, **2018**, 25, 6823-6830	5.5	11
123	Biomass-based wearable and Self-powered pressure sensor for human motion detection. *Composites Part A: Applied Science and Manufacturing*, **2021**, 146, 106412	8.4	11
122	Electrospinning of porous carbon nanocomposites for supercapacitor. *Fibers and Polymers*, **2015**, 16, 421-425	2	10
121	TiO 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. *Polymers*, **2020**, 12,	4.5	10
120	One-pot synthesis and electrochemical property of MnO/C hybrid microspheres. *Ionics*, **2013**, 19, 595-600	2.7	10
119	Electrochemical properties of rutile TiO2 nanorods as anode material for lithium-ion batteries. *Ionics*, **2012**, 18, 667-672	2.7	10
118	Preparation, Morphology and Properties of Electrospun Lauric Acid/PET Form-Stable Phase Change Ultrafine Composite Fibres. *Polymers and Polymer Composites*, **2011**, 19, 773-780	0.8	10
117	A highly sensitive epidermal sensor based on triple-bonded hydrogels for strain/pressure sensing. *Composites Communications*, **2021**, 28, 100951	6.7	10
116	Multifunctional Wearable Strain Sensor Made with an Elastic Interwoven Fabric for Patients with Motor Dysfunction. *Advanced Materials Technologies*, **2020**, 5, 2000560	6.8	10
115	In situ formed active and intelligent bacterial cellulose/cotton fiber composite containing curcumin. *Cellulose*, **2020**, 27, 9371-9382	5.5	10
114	Bacterial Cellulose Reinforced Polyaniline Electroconductive Hydrogel with Multiple Weak H-Bonds as Flexible and Sensitive Strain Sensor. *Macromolecular Materials and Engineering*, **2021**, 306, 2100159	3.9	10
113	Sol-Gel Synthesis of Carbon Xerogel-ZnO Composite for Detection of Catechol. *Materials*, **2016**, 9,	3.5	10
112	Determining influences of silver nanoparticles on morphology and thermal properties of electrospun polyacrylonitrile-based form-stable phase change composite fibrous membranes loading fatty acid ester/eutectics. *Thermochimica Acta*, **2019**, 671, 10-16	2.9	10
111	Biomimetic nanocomposite hydrogel networks for robust wet adhesion to tissues. *Composites Part B: Engineering*, **2021**, 222, 109071	10	10

110	Electrospun Nanofibers for Enzyme Immobilization **2019**, 765-781		9
109	In situ 3D bacterial cellulose/nitrogen-doped graphene oxide quantum dot-based membrane fluorescent probes for aggregation-induced detection of iron ions. *Cellulose*, **2019**, 26, 6073-6086	5.5	9
108	Preparation of bamboo-hat-shaped deposition of a poly(ethylene terephthalate) fiber web by melt-electrospinning. *Textile Reseach Journal*, **2015**, 85, 1838-1848	1.7	9
107	Preparation of self-clustering highly oriented nanofibers by needleless electrospinning methods. *Fibers and Polymers*, **2016**, 17, 1414-1420	2	9
106	Structural Coloration of Polyester Fabrics Coated with Al/TiO₂ Composite Films and Their Anti-Ultraviolet Properties. *Materials*, **2018**, 11,	3.5	9
105	Fabrication, Structural Morphology and Thermal Energy Storage/Retrieval of Ultrafine Phase Change Fibres Consisting of Polyethylene Glycol and Polyamide 6 by Electrospinning. *Polymers and Polymer Composites*, **2013**, 21, 525-532	0.8	9
104	Morphology and properties of nanoscale copper films deposited on polyester substrates. *International Journal of Clothing Science and Technology*, **2014**, 26, 367-376	0.7	9
103	Surface and Interface Investigation of Indium-Tin-Oxide (ITO) Coated Nonwoven Fabrics. *Journal of Adhesion Science and Technology*, **2010**, 24, 135-147	2	9
102	Electrospinning synthesis and photocatalytic activity of mesoporous TiO2 nanofibers. *Scientific World Journal, The*, **2012**, 2012, 154939	2.2	9
101	Dynamic studies of polypropylene nonwovens in environmental scanning electron microscope. *Polymer Testing*, **2007**, 26, 2-8	4.5	9
100	Surface characterization and properties of functionalized nonwoven. *Journal of Applied Polymer Science*, **2008**, 107, 132-137	2.9	9
99	Effect of air-jet texturing on adhesion behaviour of polyester yarns to rubber. *Applied Surface Science*, **2008**, 254, 7049-7055	6.7	9
98	Preparation of a cellulose acetate/organic montmorillonite composite porous ultrafine fiber membrane for enzyme immobilization. *Journal of Applied Polymer Science*, **2016**, 133,	2.9	9
97	Insitu Self-Assembly of Bacterial Cellulose on Banana Fibers Extracted from Peels. *Journal of Natural Fibers*, **2020**, 17, 1317-1328	1.8	9
96	Ammonia Sensing Performance of Polyaniline-Coated Polyamide 6 Nanofibers. *ACS Omega*, **2021**, 6, 8950-8957	3.7	9
95	Composite of PLA Nanofiber and Hexadecyl Trimethyl-Ammonium Chloride-Modified Montmorillonite Clay: Fabrication and Morphology. *Coatings*, **2020**, 10, 484	2.9	8
94	A Novel Multilayer Composite Membrane for Wound Healing in Mice Skin Defect Model. *Polymers*, **2020**, 12,	4.5	8
93	Preparation and characterization of porous carbon based nanocomposite for supercapacitor. *Fibers and Polymers*, **2014**, 15, 1236-1241	2	8

92	PAN Nanofibers Reinforced with MMT/GO Hybrid Nanofillers. *Journal of Nanomaterials*, **2014**, 2014, 1-10	3.2	8
91	Preparation and the light transmittance of TiO2 deposited fabrics **2009**, 6, 549-555		8
90	Characterization of polymer nanofibers coated by reactive sputtering of zinc. *Journal of Materials Processing Technology*, **2009**, 209, 2028-2032	5.3	8
89	Structures and properties of the polyacrylonitrile fabric coated with ZnO/Ag composites. *Applied Surface Science*, **2010**, 257, 1306-1309	6.7	8
88	Dynamic wetting of plasma-treated polypropylene nonwovens. *Journal of Applied Polymer Science*, **2007**, 104, 2157-2160	2.9	8
87	Light-driven self-disinfecting textiles functionalized by PCN-224 and Ag nanoparticles. *Journal of Hazardous Materials*, **2021**, 416, 125786	12.8	8
86	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. *Fibers and Polymers*, **2017**, 18, 253-263	2	7
85	Ultralight nanocomposite aerogels with interpenetrating network structure of bacterial cellulose for oil absorption. *Journal of Applied Polymer Science*, **2019**, 136, 48000	2.9	7
84	3D Lamellar Structure of Biomass-Based Porous Carbon Derived from Towel Gourd toward Phase Change Composites with Thermal Management and Protection.. *ACS Applied Bio Materials*, **2020**, 3, 8923-8932	4.1	7
83	Characterisation of PET nonwoven deposited with Ag/FC nanocomposite films. *Surface Engineering*, **2018**, 34, 838-845	2.6	7
82	Sonochemical synthesis and high lithium storage properties of Sn/CMK-3 nanocomposites. *Electrochimica Acta*, **2015**, 165, 149-154	6.7	7
81	Functionalization of ceramic fibers by metallic sputter coating **2010**, 7, 99-103		7
80	Physical properties of Al-doped ZnO films deposited on nonwoven substrates by radio frequence magnetron sputtering **2008**, 5, 393-397		7
79	Surface nanostructures and dynamic contact angles of functionalized poly(ethylene terephthalate) fibers. *Journal of Applied Polymer Science*, **2008**, 109, 654-658	2.9	7
78	Synthesis of Polydopamine Functionalized Reduced Graphene Oxide-Palladium Nanocomposite for Laccase Based Biosensor. *Bioinorganic Chemistry and Applications*, **2016**, 2016, 5360361	4.2	7
77	Mussel-inspired double cross-linked hydrogels with desirable mechanical properties, strong tissue-adhesiveness, self-healing properties and antibacterial properties. *Materials Science and Engineering C*, **2021**, 120, 111690	8.3	7
76	Polyvinylpyrrolidone-derived carbon-coated magnesium ferrite composite nanofibers as anode material for high-performance lithium-ion batteries. *Ionics*, **2018**, 24, 297-301	2.7	7
75	Alkaline sodium polyacrylate-starch hydrogels with tolerance to cold conditions for stretchable zinc-air batteries. *Composites Part B: Engineering*, **2021**, 224, 109228	10	7

74	Hydrothermal Growth of Ag-Doped ZnO Nanoparticles on Electrospun Cellulose Nanofibrous Mats for Catechol Detection. *Electroanalysis*, **2015**, 27, 1490-1497	3	6
73	Comparative Studies of Silver Nanocomposite Fibers. *Journal of Industrial Textiles*, **2009**, 38, 309-316	1.6	6
72	Surface characterization of aromatic thermotropic liquid crystalline fiber deposited by nanostructured silver. *Fibers and Polymers*, **2010**, 11, 813-818	2	6
71	Surface functionalization of polymer nanofibers by ITO sputter coating **2010**, 7, 511-514		6
70	Dew-of-Leaf structure multiple synergetic antimicrobial modality hybrid: A rapid and long lasting bactericidal material. *Chemical Engineering Journal*, **2021**, 416, 129072	14.7	6
69	Immobilization of laccase onto modified PU/RC nanofiber via atom transfer radical polymerization method and application in removal of bisphenol A. *Engineering in Life Sciences*, **2019**, 19, 815-824	3.4	6
68	A preliminary study on the preparation of seamless tubular bacterial cellulose-electrospun nanofibers-based nanocomposite fabrics. *Journal of Composite Materials*, **2019**, 53, 3715-3724	2.7	5
67	Structural color and photocatalytic property of polyester fabrics coated with Ag/ZnO composite films. *International Journal of Clothing Science and Technology*, **2019**, 31, 487-494	0.7	5
66	Properties and application of multi-functional and structurally colored textile prepared by magnetron sputtering. *Journal of Industrial Textiles*, **2020**, 152808371990067	1.6	5
65	Preparation of magnetic polyimide/maghemite nanocomposite fibers by electrospinning. *High Performance Polymers*, **2014**, 26, 810-816	1.6	5
64	Effects of plasma pre-treatment on surface properties of fabric sputtered with copper. *International Journal of Clothing Science and Technology*, **2014**, 26, 96-104	0.7	5
63	Atom efficient thermal and photocuring combined treatments for the synthesis of novel eco-friendly grid-like zein nanofibres. *RSC Advances*, **2014**, 4, 61573-61579	3.7	5
62	Depositon of ZnO on polyacrylonitrile fiber by thermal solvent coating. *Fibers and Polymers*, **2011**, 12, 214-219	2	5
61	Surface nanaostructure evolution of functionalized polypropylene fibers. *Journal of Applied Polymer Science*, **2007**, 106, 1243-1247	2.9	5
60	Laccase Biosensor Based on Ag-Doped TiO2 Nanoparticles on CuCNFs for the Determination of Hydroquinone. *Nano*, **2016**, 11, 1650132	1.1	5
59	The morphology of Taylor cone influenced by different coaxial composite nozzle structures. *Fibers and Polymers*, **2016**, 17, 624-629	2	5
58	Fabrication of flexible TiO2-SiO2 composite nanofibers with variable structure as efficient adsorbent. *Ceramics International*, **2020**, 46, 3543-3549	5.1	5
57	Bacterial cellulose-natural fiber composites produced by fibers extracted from banana peel waste. *Journal of Industrial Textiles*, **2020**, 152808372092584	1.6	4

56	Fabrication of hierarchically porous TiO nanofibers by microemulsion electrospinning and their application as anode material for lithium-ion batteries. *Beilstein Journal of Nanotechnology*, **2017**, 8, 1297-1306	3	4
55	Facile synthesis of one-dimensional mesoporous cobalt ferrite nanofibers for high lithium storage anode material. *Ionics*, **2019**, 25, 125-132	2.7	4
54	Nanoscale three-point bending of single polymer/inorganic composite nanofiber. *Journal of the Textile Institute*, **2012**, 103, 154-158	1.5	4
53	Advanced hollow carbon nanocubes as hosts for sulfur particles in improved lithium-sulfur battery cathode material with high cycling stability. *Materials Letters*, **2021**, 285, 129061	3.3	4
52	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. *Polymer Engineering and Science*, **2018**, 59, E403	2.3	4
51	A Facile Approach for Preparing Ag Functionalized Nonwoven Polypropylene Membrane to Improve Its Electrical Conductivity and Electromagnetic Shielding Performance. *Materials*, **2019**, 12,	3.5	3
50	Self-layering behavior of PET fiber deposition in melt-electrospinning process. *Fibers and Polymers*, **2017**, 18, 1981-1987	2	3
49	Effect of substrate structures on the morphology and interfacial bonding properties of copper films sputtered on polyester fabrics. *International Journal of Clothing Science and Technology*, **2017**, 29, 39-46	0.7	3
48	Preparation and characterization of polyaniline/Fe3O4□polyacrylonitrile composite nanofibers. *International Journal of Materials Research*, **2012**, 103, 1390-1394	0.5	3
47	The Effect of Organic/Inorganic Hybridization on the Structures of Nanofibers. *Journal of Industrial Textiles*, **2010**, 39, 293-304	1.6	3
46	Comparative studies of polypropylene nonwoven sputtered with ITO and AZO. *Journal of Applied Polymer Science*, **2009**, 114, 1813-1819	2.9	3
45	Thermal stability and crystalline of electrospun polyamide 6/organo-montmorillonite nanofibers. *Journal of Applied Polymer Science*, **2010**, 117, NA-NA	2.9	3
44	Development of bacterial cellulose nanocomposites: An overview of the synthesis of bacterial cellulose nanocomposites with metallic and metallic-oxide nanoparticles by different methods and techniques for biomedical applications. *Journal of Industrial Textiles*, **2020**, 152808372097720	1.6	3
43	Bioactive Icariin/□CD-IC/Bacterial Cellulose with Enhanced Biomedical Potential. *Nanomaterials*, **2021**, 11,	5.4	3
42	Hydrothermal synthesis and high electrochemical performance of ordered mesoporous Co/CMK-3 nanocomposites. *Ionics*, **2018**, 24, 715-721	2.7	3
41	Highly Sensitive and Stretchable c-MWCNTs/PPy Embedded Multidirectional Strain Sensor Based on Double Elastic Fabric for Human Motion Detection. *Nanomaterials*, **2021**, 11,	5.4	3
40	Recent Advances in Functional Bacterial Cellulose for Wearable Physical Sensing Applications. *Advanced Materials Technologies*,2100617	6.8	3
39	Nature-Inspired Hydrogel Network for Efficient Tissue-Specific Underwater Adhesive.. *ACS Applied Materials & Interfaces*, **2021**, 13, 59761-59771	9.5	3

38	The production and characterization of microbial cellulose□electrospun membrane hybrid nano-fabrics. *Journal of Industrial Textiles*, **2019**, 152808371988181	1.6	2
37	Reusable Surface-Modified Bacterial Cellulose Based on Atom Transfer Radical Polymerization Technology with Excellent Catalytic Properties. *Nanomaterials*, **2019**, 9,	5.4	2
36	A novel material of cross-linked styrylpyridinium salt intercalated montmorillonite for drug delivery. *Nanoscale Research Letters*, **2014**, 9, 378	5	2
35	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. *International Journal of Green Energy*, **2017**, 14, 1011-1019	3	2
34	Preparation and Characterization of porous Carbon/Nickel Nanofibers for Supercapacitor. *Journal of Engineered Fibers and Fabrics*, **2013**, 8, 155892501300800	0.9	2
33	Structure and Morphological Evolvement of Electrospun Polyacrylonitrile/Organic□Modified Fe-Montmorillonite Composite Carbon Nanofibers. *International Journal of Polymer Analysis and Characterization*, **2011**, 16, 24-35	1.7	2
32	Comparison Between Effects of Two Different Cationic Surfactants on Structure and Properties of HIPS/OMT Nanocomposites. *Journal of Reinforced Plastics and Composites*, **2009**, 28, 2161-2172	2.9	2
31	All-electrospun performance-enhanced triboelectric nanogenerator based on the charge-storage process. *Journal of Materials Science*, **2022**, 57, 5334	4.3	2
30	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. *Energy and Environmental Materials*,	13	2
29	Evaluation of the Correlation between the Structure and Quality of Compact Blend Yarns. *Fibres and Textiles in Eastern Europe*, **2015**, 23, 55-67	0.9	2
28	Color-Variable Photodynamic Antimicrobial Wool/Acrylic Blended Fabrics. *Materials*, **2020**, 13,	3.5	2
27	Study on the influence of atmospheric environment on the morphology and conductivity of nanoscale copper films sputtered on polyester substrates. *International Journal of Clothing Science and Technology*, **2020**, 32, 621-629	0.7	2
26	Fabrication and Performance of Shape-Stable Phase Change Composites Supported by Environment-Friendly and Economical Loofah Sponge Fibers for Thermal Energy Storage. *Energy & Fuels*, **2022**, 36, 3938-3946	4.1	2
25	Flexible bioelectrode via in-situ growth of MOF/enzyme on electrospun nanofibers for stretchable enzymatic biofuel cell. *Chemical Engineering Journal*, **2022**, 440, 135719	14.7	2
24	Multifunctional biomass composite aerogel co-modified by MXene and Ag nanowires for health monitoring and synergistic antibacterial applications. *Applied Surface Science*, **2022**, 598, 153783	6.7	2
23	Screening and identification of Providencia rettgeri for brown alga degradation and anion sodium alginate/poly (vinyl alcohol)/tourmaline fiber preparation. *Journal of the Textile Institute*, **2015**, 106, 787-791	1.5	1
22	Preparation and characterization of copper/zinc nanoparticles-loaded bacterial cellulose for electromagnetic interference shielding. *Journal of Industrial Textiles*, **2020**, 152808372092153	1.6	1
21	Characterization of electrospun polylactide nanofibers modified via atom transfer radical polymerization. *Journal of Industrial Textiles*, **2020**, 152808372093038	1.6	1

20	Synthesized OH-radical rich bacteria cellulosic pockets with photodynamic bacteria inactivation properties against S. ureus and E. coli. *Materials Science and Engineering C*, **2020**, 116, 111230	8.3	1
19	Effects of chemical pre-treatment on structure and property of polyacrylonitrile based pre-oxidized fibers. *Journal of Engineered Fibers and Fabrics*, **2020**, 15, 155892501989894	0.9	1
18	Study on the conductive effectiveness of nanoscale copper films sputtered on the surface of polyester nonwoven fabrics. *Journal of the Textile Institute*, **2018**, 109, 1395-1399	1.5	1
17	Electromagnetic properties of hollow PAN/Fe3O4 composite nanofibres via coaxial electrospinning. *International Journal of Materials and Product Technology*, **2013**, 46, 95	1	1
16	Preparation and Photocatalytic Activity of -Deposited Fabrics. *International Journal of Photoenergy*, **2012**, 2012, 1-5	2.1	1
15	A Stretchable Electrode for Single Enzymatic Biofuel Cells. *Materials Today Energy*, **2021**, 100886	7	1
14	Using co-electrospinning method to regulate phase change temperatures of fatty acid eutectic/polystyrene/fatty acid eutectic form-stable phase change composite nanofibrous membranes for thermal energy storage. *Thermochimica Acta*, **2020**, 683, 178438	2.9	1
13	Electrospun MnCo2O4/C composite nanofibers as anodes with improved lithium storage performance. *Ionics*, **2020**, 26, 1229-1238	2.7	1
12	Study on the structure and properties of Ag/Cu nanocomposite film deposited on the surface of polyester substrates. *Journal of the Textile Institute*, **2020**, 1-7	1.5	1
11	High-performance polyacrylonitrile-based pre-oxidized fibers fabricated through strategy with chemical pretreatment, layer-by-layer assembly, and stabilization techniques. *High Performance Polymers*, **2021**, 33, 105-114	1.6	1
10	Eco-friendly sorbent of bacterial cellulose/metal-organic framework composite membrane for effective bisphenol a removal. *Journal of Industrial Textiles*,152808372110417	1.6	1
9	Dual-functionalized luminescent/photodynamic composite fabrics: Synergistic antibacterial activity for self-disinfecting textiles. *Applied Surface Science*, **2022**, 587, 152737	6.7	1
8	Biomass-derived nanocellulose aerogel enable highly efficient immobilization of laccase for the degradation of organic pollutants.. *Bioresource Technology*, **2022**, 127311	11	1
7	In situ grown bacterial cellulose/MoS composites for multi-contaminant wastewater treatment and bacteria inactivation. *Carbohydrate Polymers*, **2022**, 277, 118853	10.3	0
6	Regulating phase-change temperatures of form-stable phase-change ternary composite fibrous membranes consisting of polystyrene nanofibers and fatty acid eutectics via co-electrospinning method. *Polymers and Polymer Composites*, **2021**, 29, 207-217	0.8	0
5	Bio-inspired hydrogels with fibrous structure: A review on design and biomedical applications **2022**, 212799		0
4	Sulfanilic acid inspired self-assembled fibrous materials. *Colloid and Polymer Science*, **2016**, 294, 1483-1494	2.4	
3	Structure, Morphology and Thermal Stability of Porous Carbon Nanofibers Loaded with Cobalt Nanoparticles. *Journal of Engineered Fibers and Fabrics*, **2011**, 6, 155892501100600	0.9	

2	Development of electrospun polystyrene-based form-stable phase change ternary composite fibrous membranes with the melting peak temperatures of 15□25 □C for storage and retrieval of thermal energy. *Journal of Thermal Analysis and Calorimetry*, **2020**, 139, 1799-1810	4.1
1	Form-stable phase change materials based on hierarchically channel-like silica nanofibrous mats for thermal energy storage. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2022**, 642, 128705	5.1