

Qufu Wei

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	All-electrospun performance-enhanced triboelectric nanogenerator based on the charge-storage process. <i>Journal of Materials Science</i> , 2022 , 57, 5334	4.3	2
324	In situ grown bacterial cellulose/MoS composites for multi-contaminant wastewater treatment and bacteria inactivation. <i>Carbohydrate Polymers</i> , 2022 , 277, 118853	10.3	0
323	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	4.1	2
322	Dual-functionalized luminescent/photodynamic composite fabrics: Synergistic antibacterial activity for self-disinfecting textiles. <i>Applied Surface Science</i> , 2022 , 587, 152737	6.7	1
321	Form-stable phase change materials based on hierarchically channel-like silica nanofibrous mats for thermal energy storage. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 642, 128705	5.1	
320	Flexible bioelectrode via in-situ growth of MOF/enzyme on electrospun nanofibers for stretchable enzymatic biofuel cell. <i>Chemical Engineering Journal</i> , 2022 , 440, 135719	14.7	2
319	Bio-inspired hydrogels with fibrous structure: A review on design and biomedical applications 2022 , 212799		0
318	Biomass-derived nanocellulose aerogel enable highly efficient immobilization of laccase for the degradation of organic pollutants.. <i>Bioresource Technology</i> , 2022 , 127311	11	1
317	Multifunctional biomass composite aerogel co-modified by MXene and Ag nanowires for health monitoring and synergistic antibacterial applications. <i>Applied Surface Science</i> , 2022 , 598, 153783	6.7	2
316	A Stretchable Electrode for Single Enzymatic Biofuel Cells. <i>Materials Today Energy</i> , 2021 , 100886	7	1
315	A highly sensitive epidermal sensor based on triple-bonded hydrogels for strain/pressure sensing. <i>Composites Communications</i> , 2021 , 28, 100951	6.7	10
314	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	10.3	30
313	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	3.9	10
312	All-Fiber-Structured Triboelectric Nanogenerator via One-Pot Electrospinning for Self-Powered Wearable Sensors. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 24774-24784	9.5	19
311	Synergistic Photodynamic and Photothermal Antibacterial Activity of In Situ Grown Bacterial Cellulose/MoS-Chitosan Nanocomposite Materials with Visible Light Illumination. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31193-31205	9.5	11
310	Dew-of-Leaf-Inspired structure multiple synergetic antimicrobial modality hybrid: A rapid and long lasting bactericidal material. <i>Chemical Engineering Journal</i> , 2021 , 416, 129072	14.7	6
309	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. <i>Polymers and Polymer Composites</i> , 2021 , 29, 207-217	0.8	0

308	Bacterial cellulose hydrogel: A promising electrolyte for flexible zinc-air batteries. <i>Journal of Power Sources</i> , 2021 , 482, 228963	8.9	25
307	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	11.8	48
306	Porous protoporphyrin IX-embedded cellulose diacetate electrospun microfibers in antimicrobial photodynamic inactivation. <i>Materials Science and Engineering C</i> , 2021 , 118, 111502	8.3	12
305	Flexible, Stretchable, and Multifunctional Electrospun Polyurethane Mats with 0D-1D-2D Ternary Nanocomposite-Based Conductive Networks. <i>Advanced Electronic Materials</i> , 2021 , 7, 2000840	6.4	11
304	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	8.3	7
303	Advanced hollow carbon nanocubes as hosts for sulfur particles in improved lithium-sulfur battery cathode material with high cycling stability. <i>Materials Letters</i> , 2021 , 285, 129061	3.3	4
302	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	1.6	1
301	Smart Textiles with Self-Disinfection and Photothermochromic Effects. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 2245-2255	9.5	17
300	Bioactive Icarin/ECD-IC/Bacterial Cellulose with Enhanced Biomedical Potential. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
299	Ammonia Sensing Performance of Polyaniline-Coated Polyamide 6 Nanofibers. <i>ACS Omega</i> , 2021 , 6, 8956-8959	3.9	9
298	Biomass-based wearable and Self-powered pressure sensor for human motion detection. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 146, 106412	8.4	11
297	Light-driven self-disinfecting textiles functionalized by PCN-224 and Ag nanoparticles. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125786	12.8	8
296	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,	5.4	3
295	Biomimetic nanocomposite hydrogel networks for robust wet adhesion to tissues. <i>Composites Part B: Engineering</i> , 2021 , 222, 109071	10	10
294	Alkaline sodium polyacrylate-starch hydrogels with tolerance to cold conditions for stretchable zinc-air batteries. <i>Composites Part B: Engineering</i> , 2021 , 224, 109228	10	7
293	Nature-Inspired Hydrogel Network for Efficient Tissue-Specific Underwater Adhesive.. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 59761-59771	9.5	3
292	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	4.1	7
291	Preparation and characterization of copper/zinc nanoparticles-loaded bacterial cellulose for electromagnetic interference shielding. <i>Journal of Industrial Textiles</i> , 2020 , 152808372092153	1.6	1

290	Bacterial cellulose-natural fiber composites produced by fibers extracted from banana peel waste. <i>Journal of Industrial Textiles</i> , 2020 , 152808372092584	1.6	4
289	Mussel-inspired sandwich-like nanofibers/hydrogel composite with super adhesive, sustained drug release and anti-infection capacity. <i>Chemical Engineering Journal</i> , 2020 , 399, 125668	14.7	26
288	Characterization of electrospun polylactide nanofibers modified via atom transfer radical polymerization. <i>Journal of Industrial Textiles</i> , 2020 , 152808372093038	1.6	1
287	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	8.3	1
286	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	9.3	11
285	Hierarchical porous nanofibers containing thymol/beta-cyclodextrin: Physico-chemical characterization and potential biomedical applications. <i>Materials Science and Engineering C</i> , 2020 , 115, 111155	8.3	21
284	Composite of PLA Nanofiber and Hexadecyl Trimethyl-Ammonium Chloride-Modified Montmorillonite Clay: Fabrication and Morphology. <i>Coatings</i> , 2020 , 10, 484	2.9	8
283	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	9.3	17
282	A Novel Multilayer Composite Membrane for Wound Healing in Mice Skin Defect Model. <i>Polymers</i> , 2020 , 12,	4.5	8
281	Effects of chemical pre-treatment on structure and property of polyacrylonitrile based pre-oxidized fibers. <i>Journal of Engineered Fibers and Fabrics</i> , 2020 , 15, 155892501989894	0.9	1
280	MOF-Derived Sulfide-Based Electrocatalyst and Scaffold for Boosted Hydrogen Production. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 33595-33602	9.5	32
279	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. <i>Polymers</i> , 2020 , 12,	4.5	10
278	Properties and application of multi-functional and structurally colored textile prepared by magnetron sputtering. <i>Journal of Industrial Textiles</i> , 2020 , 152808371990067	1.6	5
277	FRET as a novel strategy to enhance the singlet oxygen generation of porphyrinic MOF decorated self-disinfecting fabrics. <i>Chemical Engineering Journal</i> , 2020 , 395, 125012	14.7	25
276	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	6.7	33
275	Surface Modification of Bacterial Cellulose by Copper and Zinc Oxide Sputter Coating for UV-Resistance/Antistatic/Antibacterial Characteristics. <i>Coatings</i> , 2020 , 10, 364	2.9	20
274	Carbon quantum dots embedded electrospun nanofibers for efficient antibacterial photodynamic inactivation. <i>Materials Science and Engineering C</i> , 2020 , 108, 110377	8.3	25
273	Photoinactivation of bacteria by hypocrellin-grafted bacterial cellulose. <i>Cellulose</i> , 2020 , 27, 991-1007	5.5	13

272	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. <i>Thermochimica Acta</i> , 2020 , 683, 178438	2.9	1
271	One for two strategy to prepare MOF-derived NiCo ₂ S ₄ nanorods grown on carbon cloth for high-performance asymmetric supercapacitors and efficient oxygen evolution reaction. <i>Electrochimica Acta</i> , 2020 , 334, 135636	6.7	35
270	Electrospun MnCo ₂ O ₄ /C composite nanofibers as anodes with improved lithium storage performance. <i>Ionics</i> , 2020 , 26, 1229-1238	2.7	1
269	A laccase based biosensor on AuNPs-MoS modified glassy carbon electrode for catechol detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110683	6	29
268	Electrospun thymol-loaded porous cellulose acetate fibers with potential biomedical applications. <i>Materials Science and Engineering C</i> , 2020 , 109, 110536	8.3	52
267	Encapsulation of enzyme by metal-organic framework for single-enzymatic biofuel cell-based self-powered biosensor. <i>Nano Energy</i> , 2020 , 68, 104308	17.1	68
266	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	6.4	48
265	Photocatalytic property of polyester fabrics coated with Ag/TiO ₂ composite films by magnetron sputtering. <i>Vacuum</i> , 2020 , 172, 109103	3.7	16
264	Color-Variable Photodynamic Antimicrobial Wool/Acrylic Blended Fabrics. <i>Materials</i> , 2020 , 13,	3.5	2
263	Study on the influence of atmospheric environment on the morphology and conductivity of nanoscale copper films sputtered on polyester substrates. <i>International Journal of Clothing Science and Technology</i> , 2020 , 32, 621-629	0.7	2
262	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> , 2020 , 1-7	1.5	1
261	Multifunctional Wearable Strain Sensor Made with an Elastic Interwoven Fabric for Patients with Motor Dysfunction. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000560	6.8	10
260	In situ formed active and intelligent bacterial cellulose/cotton fiber composite containing curcumin. <i>Cellulose</i> , 2020 , 27, 9371-9382	5.5	10
259	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. <i>Journal of Industrial Textiles</i> , 2020 , 152808372097720	1.6	3
258	In situ Self-Assembly of Bacterial Cellulose on Banana Fibers Extracted from Peels. <i>Journal of Natural Fibers</i> , 2020 , 17, 1317-1328	1.8	9
257	Multifunctional adsorbent based on metal-organic framework modified bacterial cellulose/chitosan composite aerogel for high efficient removal of heavy metal ion and organic pollutant. <i>Chemical Engineering Journal</i> , 2020 , 383, 123127	14.7	123
256	Fabrication of flexible TiO ₂ -SiO ₂ composite nanofibers with variable structure as efficient adsorbent. <i>Ceramics International</i> , 2020 , 46, 3543-3549	5.1	5
255	Development of electrospun polystyrene-based form-stable phase change ternary composite fibrous membranes with the melting peak temperatures of 152.5 °C for storage and retrieval of thermal energy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 1799-1810	4.1	

254	A novel single-enzymatic biofuel cell based on highly flexible conductive bacterial cellulose electrode utilizing pollutants as fuel. <i>Chemical Engineering Journal</i> , 2020 , 379, 122316	14.7	35
253	Sequestration of Pb(II) Ions from Aqueous Systems with Novel Green Bacterial Cellulose Graphene Oxide Composite. <i>Materials</i> , 2019 , 12,	3.5	12
252	A Facile Approach for Preparing Ag Functionalized Nonwoven Polypropylene Membrane to Improve Its Electrical Conductivity and Electromagnetic Shielding Performance. <i>Materials</i> , 2019 , 12,	3.5	3
251	Electrospun Nanofibers for Enzyme Immobilization 2019 , 765-781		9
250	MoS Coexisting in 1T and 2H Phases Synthesized by Common Hydrothermal Method for Hydrogen Evolution Reaction. <i>Nanomaterials</i> , 2019 , 9,	5.4	45
249	Ultralight nanocomposite aerogels with interpenetrating network structure of bacterial cellulose for oil absorption. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48000	2.9	7
248	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	5.5	9
247	Flexible electrically conductive biomass-based aerogels for piezoresistive pressure/strain sensors. <i>Chemical Engineering Journal</i> , 2019 , 373, 1357-1366	14.7	84
246	A preliminary study on the preparation of seamless tubular bacterial cellulose-electrospun nanofibers-based nanocomposite fabrics. <i>Journal of Composite Materials</i> , 2019 , 53, 3715-3724	2.7	5
245	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	6.4	56
244	Preparation of novel form-stable composite phase change materials with porous silica nanofibrous mats for thermal storage/retrieval. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 570, 1-10	5.1	17
243	Structural color and photocatalytic property of polyester fabrics coated with Ag/ZnO composite films. <i>International Journal of Clothing Science and Technology</i> , 2019 , 31, 487-494	0.7	5
242	Nickel-cobalt layered double hydroxide nanosheets with reduced graphene oxide grown on carbon cloth for symmetric supercapacitor. <i>Applied Surface Science</i> , 2019 , 483, 593-600	6.7	36
241	Facile synthesis of one-dimensional mesoporous cobalt ferrite nanofibers for high lithium storage anode material. <i>Ionics</i> , 2019 , 25, 125-132	2.7	4
240	Wool/Acrylic Blended Fabrics as Next-Generation Photodynamic Antimicrobial Materials. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29557-29568	9.5	32
239	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	8.5	61
238	Facile synthesis of three-dimensional MgFe ₂ O ₄ /graphene aerogel composites for high lithium storage performance and its application in full cell. <i>Materials and Design</i> , 2019 , 182, 108043	8.1	11
237	The production and characterization of microbial cellulose-electrospun membrane hybrid nano-fabrics. <i>Journal of Industrial Textiles</i> , 2019 , 152808371988181	1.6	2

236	Fibrous Network of C@MoS Nanocapsule-Decorated Cotton Linters Interconnected by Bacterial Cellulose for Lithium- and Sodium-Ion Batteries. <i>ChemSusChem</i> , 2019 , 12, 5075-5080	8.3	16
235	Reusable Surface-Modified Bacterial Cellulose Based on Atom Transfer Radical Polymerization Technology with Excellent Catalytic Properties. <i>Nanomaterials</i> , 2019 , 9,	5.4	2
234	Highly stretchable and bio-based sensors for sensitive strain detection of angular displacements. <i>Cellulose</i> , 2019 , 26, 3401-3413	5.5	20
233	Immobilization of laccase onto modified PU/RC nanofiber via atom transfer radical polymerization method and application in removal of bisphenol A. <i>Engineering in Life Sciences</i> , 2019 , 19, 815-824	3.4	6
232	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 ¹	7.1	41
231	Thermal behavior and shape-stabilization of fatty acid eutectics/electrospun carbon nano-felts composite phase change materials enhanced by reduced graphene oxide. <i>Solar Energy Materials and Solar Cells</i> , 2019 , 191, 306-315	6.4	24
230	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. <i>Thermochimica Acta</i> , 2019 , 671, 10-16	2.9	10
229	Cotton fabric finished by PANI/TiO ₂ with multifunctions of conductivity, anti-ultraviolet and photocatalysis activity. <i>Applied Surface Science</i> , 2019 , 470, 84-90	6.7	49
228	Deposition of polytetrafluoroethylene nanoparticles on graphene oxide/polyester fabrics for oil adsorption. <i>Surface Engineering</i> , 2019 , 35, 426-434	2.6	13
227	Highly flexible, transparent, and conductive silver nanowire-attached bacterial cellulose conductors. <i>Cellulose</i> , 2018 , 25, 3189-3196	5.5	23
226	Preparation of TiO ₂ Nanofibrous Membranes with Hierarchical Porosity for Efficient Photocatalytic Degradation. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 8946-8953	3.8	15
225	Protoporphyrin-IX conjugated cellulose nanofibers that exhibit high antibacterial photodynamic inactivation efficacy. <i>Nanotechnology</i> , 2018 , 29, 265601	3.4	37
224	Fabrication of PANI-coated ZnFe ₂ O ₄ nanofibers with enhanced electrochemical performance for energy storage. <i>Electrochimica Acta</i> , 2018 , 273, 282-288	6.7	25
223	MoS ₂ nanograins doped TiO ₂ nanofibers as intensified anodes for lithium ion batteries. <i>Materials Letters</i> , 2018 , 218, 47-51	3.3	13
222	Fabricate BC/Fe ₃ O ₄ @PPy 3D nanofiber film as flexible electrode for supercapacitor application. <i>Journal of Physics and Chemistry of Solids</i> , 2018 , 116, 153-160	3.9	14
221	Protoporphyrin IX conjugated bacterial cellulose via diamide spacer arms with specific antibacterial photodynamic inactivation against Escherichia coli. <i>Cellulose</i> , 2018 , 25, 1673-1686	5.5	25
220	Fe-doped Co ₉ S ₈ nanosheets on carbon fiber cloth as pH-universal freestanding electrocatalysts for efficient hydrogen evolution. <i>Electrochimica Acta</i> , 2018 , 264, 157-165	6.7	34
219	Novel freestanding N-doped carbon coated Fe ₃ O ₄ nanocomposites with 3D carbon fibers network derived from bacterial cellulose for supercapacitor application. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 810, 18-26	4.1	15

218	Conductivity and antibacterial properties of wool fabrics finished by polyaniline/chitosan. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 548, 117-124	5.1	26
217	Characterisation of PET nonwoven deposited with Ag/FC nanocomposite films. <i>Surface Engineering</i> , 2018 , 34, 838-845	2.6	7
216	A Novel In Situ Self-Assembling Fabrication Method for Bacterial Cellulose-Electrospun Nanofiber Hybrid Structures. <i>Polymers</i> , 2018 , 10,	4.5	16
215	Structural Coloration of Polyester Fabrics Coated with Al/TiO ₂ Composite Films and Their Anti-Ultraviolet Properties. <i>Materials</i> , 2018 , 11,	3.5	9
214	Formation of Yolk-Shell Nickel-Cobalt Selenide Dodecahedral Nanocages from Metal-Organic Frameworks for Efficient Hydrogen and Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10952-10959	8.3	80
213	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	1.5	1
212	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	3.1	26
211	Nanocomposites prepared by electrohydrodynamics and their drug release properties. <i>Materials Science and Engineering C</i> , 2018 , 91, 26-35	8.3	15
210	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,	3.5	21
209	Preparation of photodynamic P(MMA-co-MAA) composite nanofibers doped with MMT: A facile method for increasing antimicrobial efficiency. <i>Applied Surface Science</i> , 2018 , 457, 247-255	6.7	27
208	Polyvinylpyrrolidone-derived carbon-coated magnesium ferrite composite nanofibers as anode material for high-performance lithium-ion batteries. <i>Ionics</i> , 2018 , 24, 297-301	2.7	7
207	Free-standing TiO ₂ /BiO ₂ /PANI composite nanofibers for ammonia sensors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 3576-3583	2.1	14
206	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	12.8	84
205	Facile fabrication of flexible SiO ₂ /PANI nanofibers for ammonia gas sensing at room temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 537, 532-539	5.1	30
204	Hydrothermal synthesis and high electrochemical performance of ordered mesoporous Co/CMK-3 nanocomposites. <i>Ionics</i> , 2018 , 24, 715-721	2.7	3
203	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	2.3	4
202	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	8.3	17
201	Three-dimensional bacterial cellulose-electrospun membrane hybrid structures fabricated through in-situ self-assembly. <i>Cellulose</i> , 2018 , 25, 6823-6830	5.5	11

200	Photooxidation Properties of Photosensitizer/Direct Dye Patterned Polyester/Cotton Fabrics. <i>Fibers and Polymers</i> , 2018 , 19, 1687-1693	2	14
199	Multifunctional wearable smart device based on conductive reduced graphene oxide/polyester fabric. <i>Applied Surface Science</i> , 2018 , 454, 218-226	6.7	76
198	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	14.7	57
197	An environmentally benign approach to achieving vectorial alignment and high microporosity in bacterial cellulose/chitosan scaffolds. <i>RSC Advances</i> , 2017 , 7, 13678-13688	3.7	30
196	Electrospun water-stable zein/ethyl cellulose composite nanofiber and its drug release properties. <i>Materials Science and Engineering C</i> , 2017 , 74, 86-93	8.3	72
195	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	2.6	17
194	Design of flexible PANI-coated CuO-TiO-SiO heterostructure nanofibers with high ammonia sensing response values. <i>Nanotechnology</i> , 2017 , 28, 225501	3.4	24
193	Effects of SiO ₂ 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. <i>Thermochimica Acta</i> , 2017 , 653, 49-58	2.9	27
192	Self-assembly of nitrogen-doped carbon dots anchored on bacterial cellulose and their application in iron ion detection. <i>Carbohydrate Polymers</i> , 2017 , 172, 93-101	10.3	54
191	Structural colors of fabric from Ag/TiO ₂ composite films prepared by magnetron sputtering deposition. <i>International Journal of Clothing Science and Technology</i> , 2017 , 29, 427-435	0.7	13
190	A new method to prepare no-binder, integral electrodes-separator, asymmetric all-solid-state flexible supercapacitor derived from bacterial cellulose. <i>Journal of Physics and Chemistry of Solids</i> , 2017 , 110, 202-210	3.9	20
189	Synthesis of novel nitrogen-doped carbon dots for highly selective detection of iron ion. <i>Nanotechnology</i> , 2017 , 28, 165502	3.4	55
188	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	7
187	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	5.7	15
186	Carbon-Coated Magnesium Ferrite Nanofibers for Lithium-Ion Battery Anodes with Enhanced Cycling Performance. <i>Energy Technology</i> , 2017 , 5, 1364-1372	3.5	16
185	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	4.1	11
184	Sonochemical synthesis and high lithium storage properties of ordered Co/CMK-3 nanocomposites. <i>Applied Surface Science</i> , 2017 , 400, 492-497	6.7	13
183	Fabrication of hierarchically porous TiO nanofibers by microemulsion electrospinning and their application as anode material for lithium-ion batteries. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 1297-1306 ⁴		

182	Fabrication of hierarchical TiO ₂ nanofibers by microemulsion electrospinning for photocatalysis applications. <i>Ceramics International</i> , 2017 , 43, 15911-15917	5.1	21
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176	Electrospinning combined with hydrothermal synthesis and lithium storage properties of ZnFe ₂ O ₄ -graphene composite nanofibers. <i>Ceramics International</i> , 2017 , 43, 2136-2142	5.1	21
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172	Flame retardancy and conductive properties of polyester fabrics coated with polyaniline. <i>Textile Research Journal</i> , 2016 , 86, 1171-1179	1.7	21
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170	Biosensor based on bacterial cellulose-Au nanoparticles electrode modified with laccase for hydroquinone detection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 509, 408-414	5.1	41
169	Sulfanilic acid inspired self-assembled fibrous materials. <i>Colloid and Polymer Science</i> , 2016 , 294, 1483-1494	4.4	24
168	Preparation of self-clustering highly oriented nanofibers by needleless electrospinning methods. <i>Fibers and Polymers</i> , 2016 , 17, 1414-1420	2	9
167	Electrospun polystyrene nanofibrous membranes for direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2016 , 515, 86-97	9.6	86
166	Ag-coated polyurethane fibers membranes absorbed with quinary fatty acid eutectics solid-liquid phase change materials for storage and retrieval of thermal energy. <i>Renewable Energy</i> , 2016 , 99, 1-9	8.1	34
165	TiO ₂ -CuCNFs based laccase biosensor for enhanced electrocatalysis in hydroquinone detection. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 766, 16-23	4.1	27

164	A room temperature ammonia gas sensor based on cellulose/TiO ₂ /PANI composite nanofibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 494, 248-255	5.1	105
163	Electrospun synthesis and electrochemical property of zinc ferrite nanofibers. <i>Ionics</i> , 2016 , 22, 967-974	2.7	12
162	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	1.7	18
161	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	4.1	37
160	Bacterial cellulose and bacterial cellulose-vaccarin membranes for wound healing. <i>Materials Science and Engineering C</i> , 2016 , 59, 303-309	8.3	137
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155	Sol-Gel Synthesis of Carbon Xerogel-ZnO Composite for Detection of Catechol. <i>Materials</i> , 2016 , 9,	3.5	10
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50	Surface functionalization of polymer nanofibers by ITO sputter coating 2010 , 7, 511-514		6
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32	Characterization of nonwoven material functionalized by sputter coating of copper. <i>Surface and Coatings Technology</i> , 2008 , 202, 2535-2539	4.4	25
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29	Structures, thermal stability, and crystalline properties of polyamide6/organic-modified Fe-montmorillonite composite nanofibers by electrospinning. <i>Journal of Materials Science</i> , 2008 , 43, 6132-6138 ⁴³	4.3	43
28	Antibacterial properties of PLA nonwoven medical dressings coated with nanostructured silver. <i>Fibers and Polymers</i> , 2008 , 9, 556-560	2	21
27	Physical properties of Al-doped ZnO films deposited on nonwoven substrates by radio frequency magnetron sputtering 2008 , 5, 393-397		7
26	Functionalization of polyamide 6 nanofibers by electroless deposition of copper 2008 , 5, 399-403		16
25	Surface characterization and properties of functionalized nonwoven. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 132-137	2.9	9
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19	Effect of air-jet texturing on adhesion behaviour of polyester yarns to rubber. <i>Applied Surface Science</i> , 2008 , 254, 7049-7055	6.7	9
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17	Surface functionalization of carbon nanofibers by sol-gel coating of zinc oxide. <i>Applied Surface Science</i> , 2008 , 254, 6543-6546	6.7	27
16	Dynamic wetting of plasma-treated polypropylene nonwovens. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 2157-2160	2.9	8
15	Surface nanostructure evolution of functionalized polypropylene fibers. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 1243-1247	2.9	5
14	Dynamic studies of polypropylene nonwovens in environmental scanning electron microscope. <i>Polymer Testing</i> , 2007 , 26, 2-8	4.5	9
13	Dynamic wetting behavior of plasma treated PET fibers. <i>Journal of Materials Processing Technology</i> , 2007 , 194, 89-92	5.3	43
12	AFM characterization of nonwoven material functionalized by ZnO sputter coating. <i>Materials Characterization</i> , 2007 , 58, 854-858	3.9	28
11	Surface functionalization of silk fabric by PTFE sputter coating. <i>Journal of Materials Science</i> , 2007 , 42, 8025-8028	4.3	36
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