

Jianhua Yan

List of Publications by Year in descending order

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130
papers

10,895
citations

25014

57
h-index

30894

102
g-index

130
all docs

130
docs citations

130
times ranked

10300
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultralight nanofibre-assembled cellular aerogels with superelasticity and multifunctionality. <i>Nature Communications</i> , 2014, 5, 5802.	5.8	860
2	Superelastic and Superhydrophobic Nanofiber-Assembled Cellular Aerogels for Effective Separation of Oil/Water Emulsions. <i>ACS Nano</i> , 2015, 9, 3791-3799.	7.3	612
3	Electrospun nanomaterials for ultrasensitive sensors. <i>Materials Today</i> , 2010, 13, 16-27.	8.3	562
4	Electro-spinning/netting: A strategy for the fabrication of three-dimensional polymer nano-fiber/nets. <i>Progress in Materials Science</i> , 2013, 58, 1173-1243.	16.0	440
5	Ultralight and fire-resistant ceramic nanofibrous aerogels with temperature-invariant superelasticity. <i>Science Advances</i> , 2018, 4, eaas8925.	4.7	414
6	Ultralight Biomass-Derived Carbonaceous Nanofibrous Aerogels with Superelasticity and High Pressure-Sensitivity. <i>Advanced Materials</i> , 2016, 28, 9512-9518.	11.1	405
7	Capacity Fade Analysis of Sulfur Cathodes in Lithium-Sulfur Batteries. <i>Advanced Science</i> , 2016, 3, 1600101.	5.6	213
8	Carbon Nanotubes Enhanced Fluorinated Polyurethane Macroporous Membranes for Waterproof and Breathable Application. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13538-13546.	4.0	173
9	Tunable fabrication of three-dimensional polyamide-66 nano-fiber/nets for high efficiency fine particulate filtration. <i>Journal of Materials Chemistry</i> , 2012, 22, 1445-1452.	6.7	170
10	Electretted polyetherimide-silica fibrous membranes for enhanced filtration of fine particles. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 12-20.	5.0	167
11	Gravity driven separation of emulsified oil-water mixtures utilizing in situ polymerized superhydrophobic and superoleophilic nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14071.	5.2	165
12	Efficient and reusable polyamide-56 nanofiber/nets membrane with bimodal structures for air filtration. <i>Journal of Colloid and Interface Science</i> , 2015, 457, 203-211.	5.0	163
13	Hierarchically structured polysulfone/titania fibrous membranes with enhanced air filtration performance. <i>Journal of Colloid and Interface Science</i> , 2014, 417, 18-26.	5.0	161
14	Direct Magnetic Reinforcement of Electrocatalytic ORR/OER with Electromagnetic Induction of Magnetic Catalysts. <i>Advanced Materials</i> , 2021, 33, e2007525.	11.1	159
15	In situ cross-linked superwetting nanofibrous membranes for ultrafast oil-water separation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10137-10145.	5.2	156
16	Ultra-light 3D nanofibre-nets binary structured nylon-polyacrylonitrile membranes for efficient filtration of fine particulate matter. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23946-23954.	5.2	153
17	Elastic and well-aligned ceramic LLZO nanofiber based electrolytes for solid-state lithium batteries. <i>Energy Storage Materials</i> , 2019, 23, 306-313.	9.5	140
18	Multifunctional flexible membranes from sponge-like porous carbon nanofibers with high conductivity. <i>Nature Communications</i> , 2019, 10, 5584.	5.8	139

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19	Superamphiphobic nanofibrous membranes for effective filtration of fine particles. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 41-48.	5.0	137
20	Robust Fluorine-Free Superhydrophobic Amino-Silicone Oil/SiO ₂ Modification of Electrospun Polyacrylonitrile Membranes for Waterproof-Breathable Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15139-15147.	4.0	136
21	Tailoring Water-Resistant and Breathable Performance of Polyacrylonitrile Nanofibrous Membranes Modified by Polydimethylsiloxane. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27218-27226.	4.0	132
22	3D Printing of Tunable Energy Storage Devices with Both High Areal and Volumetric Energy Densities. <i>Advanced Energy Materials</i> , 2019, 9, 1802578.	10.2	132
23	Polymer Template Synthesis of Flexible BaTiO ₃ Crystal Nanofibers. <i>Advanced Functional Materials</i> , 2019, 29, 1907919.	7.8	129
24	Silica nanofibrous membranes with robust flexibility and thermal stability for high-efficiency fine particulate filtration. <i>RSC Advances</i> , 2012, 2, 12216.	1.7	119
25	Carbon Nanoplated CoS@TiO ₂ Nanofibrous Membrane: An Interface Engineered Heterojunction for High Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18903-18907.	7.2	119
26	Synthesis of mesoporous magnetic Fe ₃ O ₄ @carbon nanofibers utilizing in situ polymerized polybenzoxazine for water purification. <i>Journal of Materials Chemistry</i> , 2012, 22, 4619.	6.7	118
27	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Double-Active Electrocatalyst toward Efficient Nitrogen Fixation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16439-16444.	7.2	112
28	Fabrication of Flexible Mesoporous Black Nb ₂ O ₅ Nanofiber Films for Visible-Light-Driven Photocatalytic CO ₂ Reduction into CH ₄ . <i>Advanced Materials</i> , 2022, 34, e2200756.	11.1	104
29	Polyacrylonitrile/polybenzoxazine-based Fe ₃ O ₄ @carbon nanofibers: hierarchical porous structure and magnetic adsorption property. <i>Journal of Materials Chemistry</i> , 2012, 22, 15919.	6.7	102
30	Soft Zr-doped TiO ₂ Nanofibrous Membranes with Enhanced Photocatalytic Activity for Water Purification. <i>Scientific Reports</i> , 2017, 7, 1636.	1.6	101
31	Environmentally Friendly and Breathable Fluorinated Polyurethane Fibrous Membranes Exhibiting Robust Waterproof Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29302-29310.	4.0	101
32	Biomimicry via Electrospinning. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2012, 37, 94-114.	6.8	100
33	In Situ Synthesis of Mechanically Robust, Transparent Nanofiber-Reinforced Hydrogels for Highly Sensitive Multiple Sensing. <i>Advanced Functional Materials</i> , 2021, 31, 2103117.	7.8	100
34	Architecting a Floatable, Durable, and Scalable Steam Generator: Hydrophobic/Hydrophilic Bifunctional Structure for Solar Evaporation Enhancement. <i>Small Methods</i> , 2019, 3, 1800176.	4.6	97
35	Hierarchical Porous Structured SiO ₂ /SnO ₂ Nanofibrous Membrane with Superb Flexibility for Molecular Filtration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18966-18976.	4.0	94
36	Mixed Ionic and Electronic Conductor for Li-Metal Anode Protection. <i>Advanced Materials</i> , 2018, 30, 1705105.	11.1	92

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37	Highly sensitive humidity sensors based on electro-spinning/netting a polyamide 6 nano-fiber/net modified by polyethyleneimine. <i>Journal of Materials Chemistry</i> , 2011, 21, 16231.	6.7	89
38	Amphiphobic fluorinated polyurethane composite microfibrrous membranes with robust waterproof and breathable performances. <i>RSC Advances</i> , 2013, 3, 2248-2255.	1.7	87
39	Conductive and Elastic TiO ₂ Nanofibrous Aerogels: A New Concept toward Self-Supported Electrocatalysts with Superior Activity and Durability. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23252-23260.	7.2	87
40	Electrospun nanofibrous chitosan membranes modified with polyethyleneimine for formaldehyde detection. <i>Carbohydrate Polymers</i> , 2014, 108, 192-199.	5.1	86
41	In situ synthesis of flexible hierarchical TiO ₂ nanofibrous membranes with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22136-22144.	5.2	86
42	Functional modification of breathable polyacrylonitrile/polyurethane/TiO ₂ nanofibrous membranes with robust ultraviolet resistant and waterproof performance. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 508-516.	5.0	85
43	Polyamide 6 composite nano-fiber/net functionalized by polyethyleneimine on quartz crystal microbalance for highly sensitive formaldehyde sensors. <i>Journal of Materials Chemistry</i> , 2011, 21, 12784.	6.7	84
44	Novel Eco-Friendly Flame Retardants Based on Nitrogen-Silicone Schiff Base and Application in Cellulose. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 290-301.	3.2	83
45	Wearable biosensor for sensitive detection of uric acid in artificial sweat enabled by a fiber structured sensing interface. <i>Nano Energy</i> , 2021, 85, 106031.	8.2	82
46	Simultaneous visual detection and removal of lead(II) ions with pyromellitic dianhydride-grafted cellulose nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18180-18189.	5.2	81
47	Highly Carbonylated Cellulose Nanofibrous Membranes Utilizing Maleic Anhydride Grafting for Efficient Lysozyme Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15658-15666.	4.0	81
48	Synthesis of poly(butylene succinate-co-butylene terephthalate) (PBST) copolyesters with high molecular weights via direct esterification and polycondensation. <i>Journal of Applied Polymer Science</i> , 2010, 115, 2203-2211.	1.3	78
49	High-Performance Lithium-Sulfur Batteries with a Cost-Effective Carbon Paper Electrode and High Sulfur-Loading. <i>Chemistry of Materials</i> , 2015, 27, 6394-6401.	3.2	73
50	Facile Synthesis of Bimetallic Fluoride Heterojunctions on Defect-Enriched Porous Carbon Nanofibers for Efficient ORR Catalysts. <i>Nano Letters</i> , 2021, 21, 2618-2624.	4.5	73
51	Platinum Cluster/Carbon Quantum Dots Derived Graphene Heterostructured Carbon Nanofibers for Efficient and Durable Solar-Driven Electrochemical Hydrogen Evolution. <i>Small Methods</i> , 2022, 6, e2101470.	4.6	72
52	Nanoparticle decorated fibrous silica membranes exhibiting biomimetic superhydrophobicity and highly flexible properties. <i>RSC Advances</i> , 2011, 1, 1482.	1.7	66
53	Waterproof and breathable membranes of waterborne fluorinated polyurethane modified electrospun polyacrylonitrile fibers. <i>RSC Advances</i> , 2014, 4, 61068-61076.	1.7	64
54	Investigation of silica nanoparticle distribution in nanoporous polystyrene fibers. <i>Soft Matter</i> , 2011, 7, 8376.	1.2	63

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55	Nanonet-structured poly(m-phenylene isophthalamide)-polyurethane membranes with enhanced thermostability and wettability for high power lithium ion batteries. RSC Advances, 2015, 5, 55478-55485.	1.7	62
56	Solid-State Lithium Metal Batteries with Extended Cycling Enabled by Dynamic Adaptive Solid-State Interfaces. Advanced Materials, 2021, 33, e2008084.	11.1	61
57	Label-free ultrasensitive colorimetric detection of copper(ii) ions utilizing polyaniline/polyamide-6 nano-fiber/net sensor strips. Journal of Materials Chemistry, 2011, 21, 13345.	6.7	60
58	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. Journal of Materials Chemistry A, 2014, 2, 18304-18312.	5.2	58
59	Thermostable and nonflammable silica-polyetherimide-polyurethane nanofibrous separators for high power lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 10551-10558.	5.2	58
60	Polymer Template Synthesis of Flexible SiO ₂ Nanofibers to Upgrade Composite Electrolytes. ACS Applied Materials & Interfaces, 2020, 12, 31439-31447.	4.0	58
61	Long-Life, High-Efficiency Lithium-Sulfur Battery from a Nanoassembled Cathode. Chemistry of Materials, 2015, 27, 5080-5087.	3.2	56
62	Dynamic Regulation of Lithium Dendrite Growth with Electromechanical Coupling Effect of Soft BaTiO ₃ Ceramic Nanofiber Films. ACS Nano, 2021, 15, 3161-3170.	7.3	56
63	Elastic and hierarchical porous carbon nanofibrous membranes incorporated with NiFe ₂ O ₄ nanocrystals for highly efficient capacitive energy storage. Nanoscale, 2016, 8, 2195-2204.	2.8	54
64	Silica nanofibrous membranes with ultra-softness and enhanced tensile strength for thermal insulation. RSC Advances, 2015, 5, 6027-6032.	1.7	47
65	<i>Setaria Viridis</i> -Inspired Electrode with Polyaniline Decorated on Porous Heteroatom-Doped Carbon Nanofibers for Flexible Supercapacitors. ACS Applied Materials & Interfaces, 2020, 12, 43634-43645.	4.0	47
66	Nanofiber-Based Hydrogels: Controllable Synthesis and Multifunctional Applications. Macromolecular Rapid Communications, 2018, 39, e1800058.	2.0	46
67	Superior Flexibility in Oxide Ceramic Crystal Nanofibers. Advanced Materials, 2021, 33, e2105011.	11.1	46
68	Novel fluorinated polyurethane decorated electrospun silica nanofibrous membranes exhibiting robust waterproof and breathable performances. RSC Advances, 2013, 3, 7562.	1.7	45
69	Highly sensitive formaldehyde sensors based on polyvinylamine modified polyacrylonitrile nanofibers. RSC Advances, 2013, 3, 22994.	1.7	44
70	Constructing Ionic Gradient and Lithiophilic Interphase for High-Rate Li-Metal Anode. Small, 2019, 15, e1905171.	5.2	42
71	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Double-Active Electrocatalyst toward Efficient Nitrogen Fixation. Angewandte Chemie, 2019, 131, 16591-16596.	1.6	42
72	Thermally induced chemical cross-linking reinforced fluorinated polyurethane/polyacrylonitrile/polyvinyl butyral nanofibers for waterproof-breathable application. RSC Advances, 2016, 6, 29629-29637.	1.7	41

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73	Earthworm-Inspired Ultradurable Superhydrophobic Fabrics from Adaptive Wrinkled Skin. ACS Applied Materials & Interfaces, 2021, 13, 6758-6766.	4.0	41
74	Facile fabrication of fluorine-free breathable poly(methylhydrosiloxane)/polyurethane fibrous membranes with enhanced water-resistant capability. Journal of Colloid and Interface Science, 2019, 556, 541-548.	5.0	40
75	Novel fluorinated polybenzoxazine-silica films: chemical synthesis and superhydrophobicity. RSC Advances, 2012, 2, 12804.	1.7	39
76	Constitution of a visual detection system for lead(II) on polydiacetylene-glycine embedded nanofibrous membranes. Journal of Materials Chemistry A, 2015, 3, 9722-9730.	5.2	39
77	Fluorinated polyurethane macroporous membranes with waterproof, breathable and mechanical performance improved by lithium chloride. RSC Advances, 2015, 5, 79807-79814.	1.7	38
78	Assembly of silica aerogels within silica nanofibers: towards a super-insulating flexible hybrid aerogel membrane. RSC Advances, 2015, 5, 91813-91820.	1.7	38
79	Polybenzoxazine-based highly porous carbon nanofibrous membranes hybridized by tin oxide nanoclusters: durable mechanical elasticity and capacitive performance. Journal of Materials Chemistry A, 2016, 4, 7795-7804.	5.2	38
80	Highly Elastic Block Copolymer Binders for Silicon Anodes in Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 38132-38139.	4.0	38
81	Large-scale fabrication of highly aligned poly(m-phenylene isophthalamide) nanofibers with robust mechanical strength. RSC Advances, 2014, 4, 45760-45767.	1.7	36
82	Nickel Ferrite Nanoparticles Anchored onto Silica Nanofibers for Designing Magnetic and Flexible Nanofibrous Membranes. ACS Applied Materials & Interfaces, 2015, 7, 20200-20207.	4.0	36
83	Polyvinyl Butyral Modified Polyvinylidene Fluoride Breathable Waterproof Nanofibrous Membranes with Enhanced Mechanical Performance. Macromolecular Materials and Engineering, 2017, 302, .	1.7	36
84	Modification of natural bamboo fibers for textile applications. Fibers and Polymers, 2011, 12, 95-103.	1.1	35
85	Free-standing zirconia nanofibrous membranes with robust flexibility for corrosive liquid filtration. RSC Advances, 2014, 4, 2756-2763.	1.7	34
86	Polymer Template Synthesis of Soft, Light, and Robust Oxide Ceramic Films. IScience, 2019, 15, 185-195.	1.9	34
87	Facile access to highly flexible and mesoporous structured silica fibrous membranes for tetracyclines removal. Chemical Engineering Journal, 2021, 417, 129211.	6.6	34
88	Enzymatic treatment of mechanochemical modified natural bamboo fibers. Fibers and Polymers, 2012, 13, 600-605.	1.1	33
89	Cobalt oxide nanoparticles embedded in flexible carbon nanofibers: attractive material for supercapacitor electrodes and CO ₂ adsorption. RSC Advances, 2016, 6, 52171-52179.	1.7	33
90	Biodegradable poly(butylene succinate-co-terephthalate) nanofibrous membranes functionalized with cyclodextrin polymer for effective methylene blue adsorption. RSC Advances, 2016, 6, 108240-108246.	1.7	33

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91	Transformation of oxide ceramic textiles from insulation to conduction at room temperature. <i>Science Advances</i> , 2020, 6, eaay8538.	4.7	33
92	Tailoring Nanoporous-Engineered Sponge Fiber Molecular Sieves with Ternary-Nested Architecture for Precise Molecular Separation. <i>ACS Nano</i> , 2021, 15, 13623-13632.	7.3	33
93	Self-Assembled Porous-Silica within N-Doped Carbon Nanofibers as Ultra-flexible Anodes for Soft Lithium Batteries. <i>IScience</i> , 2019, 16, 122-132.	1.9	31
94	Brittle-flexible-brittle transition in nanocrystalline zirconia nanofibrous membranes. <i>CrystEngComm</i> , 2016, 18, 1139-1146.	1.3	30
95	In-situ growth of graphene on carbon nanofiber from lignin. <i>Carbon</i> , 2020, 169, 446-454.	5.4	30
96	Polymer nanofibre composite nonwovens with metal-like electrical conductivity. <i>Npj Flexible Electronics</i> , 2018, 2, .	5.1	29
97	Selective nucleation and targeted deposition effect of lithium in a lithium-metal host anode. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5381-5389.	5.2	29
98	Hierarchical porous carbon nanofibrous membranes with an enhanced shape memory property for effective adsorption of proteins. <i>RSC Advances</i> , 2015, 5, 64318-64325.	1.7	27
99	A General Strategy to Fabricate Flexible Oxide Ceramic Nanofibers with Gradient Bending&Resilience Properties. <i>Advanced Functional Materials</i> , 2021, 31, 2103989.	7.8	27
100	Tensile Stress-Gated Electromagnetic Interference Shielding Fabrics with Real-Time Adjustable Shielding Efficiency. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13999-14005.	3.2	26
101	Ready-to-use strip for l-ascorbic acid visual detection based on polyaniline/polyamide 66 nano-fibers/nets membranes. <i>Talanta</i> , 2015, 144, 1146-1154.	2.9	25
102	Insights into the flexibility of $ZrM_{x}O_{y}$ (M = Na, Mg, Al) nanofibrous membranes as promising infrared stealth materials. <i>Dalton Transactions</i> , 2016, 45, 6660-6666.	1.6	22
103	Carbon&Nanoplated $CoS@TiO_2$ Nanofibrous Membrane: An Interface&Engineered Heterojunction for High&Efficiency Electrocatalytic Nitrogen Reduction. <i>Angewandte Chemie</i> , 2019, 131, 19079-19083.	1.6	22
104	Constructing Highly Conductive and Thermomechanical Stable Quasi&Solid Electrolytes by Self&Polymerization of Liquid Electrolytes within Porous Polyimide Nanofiber Films. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	22
105	Flexible heteroatom&doped porous carbon nanofiber cages for electrode scaffolds. , 2020, 2, 472-481.		21
106	g-C ₃ N ₄ encapsulated ZrO ₂ nanofibrous membrane decorated with CdS quantum dots: A hierarchically structured, self-supported electrocatalyst toward synergistic NH ₃ synthesis. <i>Nano Research</i> , 2021, 14, 1479-1487.	5.8	21
107	One-step synthesis of a macroporous Cu^{g/C_3N_4} nanofiber electrocatalyst for efficient oxygen reduction reaction. <i>Chemical Communications</i> , 2020, 56, 14087-14090.	2.2	19
108	A novel organic&inorganic flame retardant of ammonium polyphosphate chemically coated by Schiff base&containing branched polysiloxane for polyamide 6. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2763-2774.	1.6	18

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109	Self-Assembled Conductive Metal-Oxide Nanofiber Interface for Stable Li-Metal Anode. ACS Applied Materials & Interfaces, 2019, 11, 44124-44132.	4.0	16
110	Hierarchical Porous Carbon Nanofibers with Tunable Geometries and Porous Structures Fabricated by a Scalable Electrospinning Technique. ACS Applied Materials & Interfaces, 2021, 13, 44768-44776.	4.0	16
111	Synthesizing Superior Flexible Oxide Perovskite Ceramic Nanofibers by Precisely Controlling Crystal Nucleation and Growth. Small, 2022, 18, e2106500.	5.2	16
112	Sensitive metal ion sensors based on fibrous polystyrene membranes modified by polyethyleneimine. RSC Advances, 2012, 2, 1373-1378.	1.7	14
113	Evaluation of the availability of easy cationic dyeable copolyester fibers as electrostatic flocking piles. Journal of Applied Polymer Science, 2011, 120, 195-201.	1.3	13
114	An approach for testing and predicting longitudinal tensile modulus of 3D braided composites. Journal of Reinforced Plastics and Composites, 2014, 33, 775-784.	1.6	12
115	The bending fatigue comparison between 3D braided rectangular composites and T-beam composites. Fibers and Polymers, 2015, 16, 634-639.	1.1	11
116	Electroless Deposition of Automatically Shedded Thin Copper Foils. ACS Applied Materials & Interfaces, 2020, 12, 28831-28839.	4.0	8
117	Flexible, self-cleaning, and high-performance ceramic nanofiber-based moist-electric generator enabled by interfacial engineering. Science China Technological Sciences, 2022, 65, 450-457.	2.0	7
118	Surface modification of plasma-pretreated expanded poly (tetrafluoroethylene) films by graft copolymerization. Surface and Interface Analysis, 2012, 44, 578-583.	0.8	6
119	One-step extraction of ramie cellulose fibers and reutilization of degumming solution. Textile Reseach Journal, 2022, 92, 3579-3590.	1.1	6
120	Effects of coagulation conditions on structure and properties of cellulose-based fibers from aqueous NaOH solvent. Carbohydrate Polymers, 2017, 164, 118-126.	5.1	5
121	Microfluidic-directed biomimetic Bulbine torta-like microfibers based on inhomogeneous viscosity rope-coil effect. Lab on A Chip, 2021, 21, 2594-2604.	3.1	5
122	Coagulation studies for hydroxyethyl cellulose (HEC) in NaOH/H ₂ O solvent. Fibers and Polymers, 2017, 18, 1091-1097.	1.1	4
123	Numerical characterization and simulation of the three-dimensional tubular woven fabric. Journal of Industrial Textiles, 2018, 47, 2112-2127.	1.1	3
124	Conductive and Elastic TiO ₂ Nanofibrous Aerogels: A New Concept toward Self-Supported Electrocatalysts with Superior Activity and Durability. Angewandte Chemie, 2020, 132, 23452-23460.	1.6	3
125	Time-temperature-dependent mechanical durability analysis of short (glass) fiber-reinforced polyethylene terephthalate injection molding composites with weld line. Textile Reseach Journal, 2022, 92, 1923-1939.	1.1	3
126	Designing Thermomechanical Stable Gel-Polymer Electrolytes Mediated by Block-Copolymer Nanofibers for Quasi-Solid-State Lithium Batteries. Advanced Energy and Sustainability Research, 2022, 3, .	2.8	3

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127	Facile Fabrication of Flexible Carbon Nanofiber Electrodes with Both High Packing Density and Capacity for Li-ion Batteries. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100020.	2.8	2
128	Numerical analysis and experimental investigation of a multi-principle drafting system in ring spinning. <i>Textile Research Journal</i> , 2022, 92, 1940-1951.	1.1	1
129	Study of yarn properties and displacement deviation of acceleration points based on the novel drafting system. <i>Journal of the Textile Institute</i> , 0, , 1-12.	1.0	1
130	Macromol. Rapid Commun. 21/2011. <i>Macromolecular Rapid Communications</i> , 2011, 32, .	2.0	0