

Jianhua Yan

List of Publications by Year in descending order

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130
papers

10,895
citations

25034

57
h-index

30922

102
g-index

130
all docs

130
docs citations

130
times ranked

10300
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical analysis and experimental investigation of a multi-principle drafting system in ring spinning. <i>Textile Reseach Journal</i> , 2022, 92, 1940-1951.	2.2	1
2	Time-temperature-dependent mechanical durability analysis of short (glass) fiber-reinforced polyethylene terephthalate injection molding composites with weld line. <i>Textile Reseach Journal</i> , 2022, 92, 1923-1939.	2.2	3
3	Synthesizing Superior Flexible Oxide Perovskite Ceramic Nanofibers by Precisely Controlling Crystal Nucleation and Growth. <i>Small</i> , 2022, 18, e2106500.	10.0	16
4	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.	8.6	72
5	One-step extraction of ramie cellulose fibers and reutilization of degumming solution. <i>Textile Reseach Journal</i> , 2022, 92, 3579-3590.	2.2	6
6	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.	21.0	104
7	Flexible, self-cleaning, and high-performance ceramic nanofiber-based moist-electric generator enabled by interfacial engineering. <i>Science China Technological Sciences</i> , 2022, 65, 450-457.	4.0	7
8	Designing Thermomechanical Stable Gel-Polymer Electrolytes Mediated by Block-Copolymer Nanofibers for Quasi-Solid State Lithium Batteries. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	5.8	3
9	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, .	14.9	22
10	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.	10.4	21
11	Direct Magnetic Reinforcement of Electrocatalytic ORR/OER with Electromagnetic Induction of Magnetic Catalysts. <i>Advanced Materials</i> , 2021, 33, e2007525.	21.0	159
12	Dynamic Regulation of Lithium Dendrite Growth with Electromechanical Coupling Effect of Soft BaTiO ₃ Ceramic Nanofiber Films. <i>ACS Nano</i> , 2021, 15, 3161-3170.	14.6	56
13	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.	10.3	29
14	Microfluidic-directed biomimetic Bulbine torta-like microfibers based on inhomogeneous viscosity rope-coil effect. <i>Lab on A Chip</i> , 2021, 21, 2594-2604.	6.0	5
15	Solid State Lithium Metal Batteries with Extended Cycling Enabled by Dynamic Adaptive Solid State Interfaces. <i>Advanced Materials</i> , 2021, 33, e2008084.	21.0	61
16	Earthworm-Inspired Ultradurable Superhydrophobic Fabrics from Adaptive Wrinkled Skin. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6758-6766.	8.0	41
17	Facile Synthesis of Bimetallic Fluoride Heterojunctions on Defect-Enriched Porous Carbon Nanofibers for Efficient ORR Catalysts. <i>Nano Letters</i> , 2021, 21, 2618-2624.	9.1	73
18	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.	5.8	2

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19	In Situ Synthesis of Mechanically Robust, Transparent Nanofiber-Reinforced Hydrogels for Highly Sensitive Multiple Sensing. <i>Advanced Functional Materials</i> , 2021, 31, 2103117.	14.9	100
20	A General Strategy to Fabricate Flexible Oxide Ceramic Nanofibers with Gradient Bending-Resilience Properties. <i>Advanced Functional Materials</i> , 2021, 31, 2103989.	14.9	27
21	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.	16.0	82
22	Tailoring Nanoporous-Engineered Sponge Fiber Molecular Sieves with Ternary-Nested Architecture for Precise Molecular Separation. <i>ACS Nano</i> , 2021, 15, 13623-13632.	14.6	33
23	Facile access to highly flexible and mesoporous structured silica fibrous membranes for tetracyclines removal. <i>Chemical Engineering Journal</i> , 2021, 417, 129211.	12.7	34
24	Superior Flexibility in Oxide Ceramic Crystal Nanofibers. <i>Advanced Materials</i> , 2021, 33, e2105011.	21.0	46
25	Hierarchical Porous Carbon Nanofibers with Tunable Geometries and Porous Structures Fabricated by a Scalable Electrospinning Technique. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44768-44776.	8.0	16
26	Tensile Stress-Gated Electromagnetic Interference Shielding Fabrics with Real-Time Adjustable Shielding Efficiency. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13999-14005.	6.7	26
27	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.	6.7	83
28	One-step synthesis of a macroporous Cu ₂ /C ₃ N ₄ nanofiber electrocatalyst for efficient oxygen reduction reaction. <i>Chemical Communications</i> , 2020, 56, 14087-14090.	4.1	19
29	In-situ growth of graphene on carbon nanofiber from lignin. <i>Carbon</i> , 2020, 169, 446-454.	10.3	30
30	Highly Elastic Block Copolymer Binders for Silicon Anodes in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38132-38139.	8.0	38
31	Conductive and Elastic TiO ₂ Nanofibrous Aerogels: A New Concept toward Self-Supported Electrocatalysts with Superior Activity and Durability. <i>Angewandte Chemie</i> , 2020, 132, 23452-23460.	2.0	3
32	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.	13.8	87
33	<i>Setaria Viridis</i> -Inspired Electrode with Polyaniline Decorated on Porous Heteroatom-Doped Carbon Nanofibers for Flexible Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 43634-43645.	8.0	47
34	Electroless Deposition of Automatically Shedded Thin Copper Foils. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28831-28839.	8.0	8
35	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.	3.2	18
36	Polymer Template Synthesis of Flexible SiO ₂ Nanofibers to Upgrade Composite Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31439-31447.	8.0	58

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37	Transformation of oxide ceramic textiles from insulation to conduction at room temperature. <i>Science Advances</i> , 2020, 6, eaay8538.	10.3	33
38	Flexible heteroatom-doped porous carbon nanofiber cages for electrode scaffolds. , 2020, 2, 472-481.		21
39	Polymer Template Synthesis of Flexible BaTiO ₃ Crystal Nanofibers. <i>Advanced Functional Materials</i> , 2019, 29, 1907919.	14.9	129
40	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.	13.8	119
41	Constructing Ionic Gradient and Lithiophilic Interphase for High-Rate Li-Metal Anode. <i>Small</i> , 2019, 15, e1905171.	10.0	42
42	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.	2.0	22
43	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.	13.8	112
44	Self-Assembled Conductive Metal-Oxide Nanofiber Interface for Stable Li-Metal Anode. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44124-44132.	8.0	16
45	Stable Confinement of Black Phosphorus Quantum Dots on Black Tin Oxide Nanotubes: A Robust, Double-Active Electrocatalyst toward Efficient Nitrogen Fixation. <i>Angewandte Chemie</i> , 2019, 131, 16591-16596.	2.0	42
46	Facile fabrication of fluorine-free breathable poly(methylhydrosiloxane)/polyurethane fibrous membranes with enhanced water-resistant capability. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 541-548.	9.4	40
47	Self-Assembled Porous-Silica within N-Doped Carbon Nanofibers as Ultra-flexible Anodes for Soft Lithium Batteries. <i>IScience</i> , 2019, 16, 122-132.	4.1	31
48	Polymer Template Synthesis of Soft, Light, and Robust Oxide Ceramic Films. <i>IScience</i> , 2019, 15, 185-195.	4.1	34
49	Elastic and well-aligned ceramic LLZO nanofiber based electrolytes for solid-state lithium batteries. <i>Energy Storage Materials</i> , 2019, 23, 306-313.	18.0	140
50	Multifunctional flexible membranes from sponge-like porous carbon nanofibers with high conductivity. <i>Nature Communications</i> , 2019, 10, 5584.	12.8	139
51	Architecting a Floatable, Durable, and Scalable Steam Generator: Hydrophobic/Hydrophilic Bifunctional Structure for Solar Evaporation Enhancement. <i>Small Methods</i> , 2019, 3, 1800176.	8.6	97
52	3D Printing of Tunable Energy Storage Devices with Both High Areal and Volumetric Energy Densities. <i>Advanced Energy Materials</i> , 2019, 9, 1802578.	19.5	132
53	Polymer nanofibre composite nonwovens with metal-like electrical conductivity. <i>Npj Flexible Electronics</i> , 2018, 2, .	10.7	29
54	Mixed Ionic and Electronic Conductor for Li-Metal Anode Protection. <i>Advanced Materials</i> , 2018, 30, 1705105.	21.0	92

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55	Ultralight and fire-resistant ceramic nanofibrous aerogels with temperature-invariant superelasticity. <i>Science Advances</i> , 2018, 4, eaas8925.	10.3	414
56	Numerical characterization and simulation of the three-dimensional tubular woven fabric. <i>Journal of Industrial Textiles</i> , 2018, 47, 2112-2127.	2.4	3
57	Nanofiber-Based Hydrogels: Controllable Synthesis and Multifunctional Applications. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800058.	3.9	46
58	Effects of coagulation conditions on structure and properties of cellulose-based fibers from aqueous NaOH solvent. <i>Carbohydrate Polymers</i> , 2017, 164, 118-126.	10.2	5
59	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.	8.0	136
60	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.	8.0	94
61	Soft Zr-doped TiO ₂ Nanofibrous Membranes with Enhanced Photocatalytic Activity for Water Purification. <i>Scientific Reports</i> , 2017, 7, 1636.	3.3	101
62	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.	9.4	85
63	Environmentally Friendly and Breathable Fluorinated Polyurethane Fibrous Membranes Exhibiting Robust Waterproof Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29302-29310.	8.0	101
64	Coagulation studies for hydroxyethyl cellulose (HEC) in NaOH/H ₂ O solvent. <i>Fibers and Polymers</i> , 2017, 18, 1091-1097.	2.1	4
65	Polyvinyl Butyral Modified Polyvinylidene Fluoride Breathable Waterproof Nanofibrous Membranes with Enhanced Mechanical Performance. <i>Macromolecular Materials and Engineering</i> , 2017, 302, .	3.6	36
66	Cobalt oxide nanoparticles embedded in flexible carbon nanofibers: attractive material for supercapacitor electrodes and CO ₂ adsorption. <i>RSC Advances</i> , 2016, 6, 52171-52179.	3.6	33
67	Polybenzoxazine-based highly porous carbon nanofibrous membranes hybridized by tin oxide nanoclusters: durable mechanical elasticity and capacitive performance. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7795-7804.	10.3	38
68	Ultralight Biomass-Derived Carbonaceous Nanofibrous Aerogels with Superelasticity and High Pressure Sensitivity. <i>Advanced Materials</i> , 2016, 28, 9512-9518.	21.0	405
69	Tailoring Water-Resistant and Breathable Performance of Polyacrylonitrile Nanofibrous Membranes Modified by Polydimethylsiloxane. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27218-27226.	8.0	132
70	Capacity Fade Analysis of Sulfur Cathodes in Lithium-Sulfur Batteries. <i>Advanced Science</i> , 2016, 3, 1600101.	11.2	213
71	Biodegradable poly(butylene succinate-co-terephthalate) nanofibrous membranes functionalized with cyclodextrin polymer for effective methylene blue adsorption. <i>RSC Advances</i> , 2016, 6, 108240-108246.	3.6	33
72	Brittle-flexible-brittle transition in nanocrystalline zirconia nanofibrous membranes. <i>CrystEngComm</i> , 2016, 18, 1139-1146.	2.6	30

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73	Thermally induced chemical cross-linking reinforced fluorinated polyurethane/polyacrylonitrile/polyvinyl butyral nanofibers for waterproof-breathable application. RSC Advances, 2016, 6, 29629-29637.	3.6	41
74	Insights into the flexibility of ZrM _x O _y (M = Na, Mg, Al) nanofibrous membranes as promising infrared stealth materials. Dalton Transactions, 2016, 45, 6660-6666.	3.3	22
75	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.	5.6	54
76	Carbon Nanotubes Enhanced Fluorinated Polyurethane Macroporous Membranes for Waterproof and Breathable Application. ACS Applied Materials & Interfaces, 2015, 7, 13538-13546.	8.0	173
77	Efficient and reusable polyamide-56 nanofiber/nets membrane with bimodal structures for air filtration. Journal of Colloid and Interface Science, 2015, 457, 203-211.	9.4	163
78	Simultaneous visual detection and removal of lead(II) ions with pyromellitic dianhydride-grafted cellulose nanofibrous membranes. Journal of Materials Chemistry A, 2015, 3, 18180-18189.	10.3	81
79	Hierarchical porous carbon nanofibrous membranes with an enhanced shape memory property for effective adsorption of proteins. RSC Advances, 2015, 5, 64318-64325.	3.6	27
80	Long-Life, High-Efficiency Lithium-Sulfur Battery from a Nanoassembled Cathode. Chemistry of Materials, 2015, 27, 5080-5087.	6.7	56
81	Highly Carbonylated Cellulose Nanofibrous Membranes Utilizing Maleic Anhydride Grafting for Efficient Lysozyme Adsorption. ACS Applied Materials & Interfaces, 2015, 7, 15658-15666.	8.0	81
82	Constitution of a visual detection system for lead(II) on polydiacetylene-glycine embedded nanofibrous membranes. Journal of Materials Chemistry A, 2015, 3, 9722-9730.	10.3	39
83	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.	3.6	62
84	Thermostable and nonflammable silica-polyetherimide-polyurethane nanofibrous separators for high power lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 10551-10558.	10.3	58
85	The bending fatigue comparison between 3D braided rectangular composites and T-beam composites. Fibers and Polymers, 2015, 16, 634-639.	2.1	11
86	Silica nanofibrous membranes with ultra-softness and enhanced tensile strength for thermal insulation. RSC Advances, 2015, 5, 6027-6032.	3.6	47
87	Superelastic and Superhydrophobic Nanofiber-Assembled Cellular Aerogels for Effective Separation of Oil/Water Emulsions. ACS Nano, 2015, 9, 3791-3799.	14.6	612
88	Fluorinated polyurethane macroporous membranes with waterproof, breathable and mechanical performance improved by lithium chloride. RSC Advances, 2015, 5, 79807-79814.	3.6	38
89	In situ synthesis of flexible hierarchical TiO ₂ nanofibrous membranes with enhanced photocatalytic activity. Journal of Materials Chemistry A, 2015, 3, 22136-22144.	10.3	86
90	Ultra-light 3D nanofibre-nets binary structured nylon 6-polyacrylonitrile membranes for efficient filtration of fine particulate matter. Journal of Materials Chemistry A, 2015, 3, 23946-23954.	10.3	153

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91	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.	5.5	25
92	Assembly of silica aerogels within silica nanofibers: towards a super-insulating flexible hybrid aerogel membrane. <i>RSC Advances</i> , 2015, 5, 91813-91820.	3.6	38
93	Nickel Ferrite Nanoparticles Anchored onto Silica Nanofibers for Designing Magnetic and Flexible Nanofibrous Membranes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20200-20207.	8.0	36
94	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.	6.7	73
95	Electreted polyetherimide-silica fibrous membranes for enhanced filtration of fine particles. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 12-20.	9.4	167
96	Ultralight nanofibre-assembled cellular aerogels with superelasticity and multifunctionality. <i>Nature Communications</i> , 2014, 5, 5802.	12.8	860
97	Electrospun nanofibrous chitosan membranes modified with polyethyleneimine for formaldehyde detection. <i>Carbohydrate Polymers</i> , 2014, 108, 192-199.	10.2	86
98	Superamphiphobic nanofibrous membranes for effective filtration of fine particles. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 41-48.	9.4	137
99	Hierarchically structured polysulfone/titania fibrous membranes with enhanced air filtration performance. <i>Journal of Colloid and Interface Science</i> , 2014, 417, 18-26.	9.4	161
100	Free-standing zirconia nanofibrous membranes with robust flexibility for corrosive liquid filtration. <i>RSC Advances</i> , 2014, 4, 2756-2763.	3.6	34
101	Waterproof and breathable membranes of waterborne fluorinated polyurethane modified electrospun polyacrylonitrile fibers. <i>RSC Advances</i> , 2014, 4, 61068-61076.	3.6	64
102	Large-scale fabrication of highly aligned poly(m-phenylene isophthalamide) nanofibers with robust mechanical strength. <i>RSC Advances</i> , 2014, 4, 45760-45767.	3.6	36
103	In situ cross-linked superwetting nanofibrous membranes for ultrafast oil-water separation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10137-10145.	10.3	156
104	An approach for testing and predicting longitudinal tensile modulus of 3D braided composites. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 775-784.	3.1	12
105	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18304-18312.	10.3	58
106	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.	10.3	165
107	Novel fluorinated polyurethane decorated electrospun silica nanofibrous membranes exhibiting robust waterproof and breathable performances. <i>RSC Advances</i> , 2013, 3, 7562.	3.6	45
108	Amphiphobic fluorinated polyurethane composite microfibrillar membranes with robust waterproof and breathable performances. <i>RSC Advances</i> , 2013, 3, 2248-2255.	3.6	87

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109	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.	32.8	440
110	Highly sensitive formaldehyde sensors based on polyvinylamine modified polyacrylonitrile nanofibers. <i>RSC Advances</i> , 2013, 3, 22994.	3.6	44
111	Sensitive metal ion sensors based on fibrous polystyrene membranes modified by polyethyleneimine. <i>RSC Advances</i> , 2012, 2, 1373-1378.	3.6	14
112	Silica nanofibrous membranes with robust flexibility and thermal stability for high-efficiency fine particulate filtration. <i>RSC Advances</i> , 2012, 2, 12216.	3.6	119
113	Novel fluorinated polybenzoxazine-silica films: chemical synthesis and superhydrophobicity. <i>RSC Advances</i> , 2012, 2, 12804.	3.6	39
114	Biomimicry via Electrospinning. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2012, 37, 94-114.	12.3	100
115	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
116	Surface modification of plasma-pretreated expanded poly (tetrafluoroethylene) films by graft copolymerization. <i>Surface and Interface Analysis</i> , 2012, 44, 578-583.	1.8	6
117	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
118	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
119	Enzymatic treatment of mechanochemical modified natural bamboo fibers. <i>Fibers and Polymers</i> , 2012, 13, 600-605.	2.1	33
120	Label-free ultrasensitive colorimetric detection of copper(ii) ions utilizing polyaniline/polyamide-6 nano-fiber/net sensor strips. <i>Journal of Materials Chemistry</i> , 2011, 21, 13345.	6.7	60
121	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
122	Nanoparticle decorated fibrous silica membranes exhibiting biomimetic superhydrophobicity and highly flexible properties. <i>RSC Advances</i> , 2011, 1, 1482.	3.6	66
123	Investigation of silica nanoparticle distribution in nanoporous polystyrene fibers. <i>Soft Matter</i> , 2011, 7, 8376.	2.7	63
124	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
125	Modification of natural bamboo fibers for textile applications. <i>Fibers and Polymers</i> , 2011, 12, 95-103.	2.1	35
126	Macromol. Rapid Commun. 21/2011. <i>Macromolecular Rapid Communications</i> , 2011, 32, .	3.9	0

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127	Evaluation of the availability of easy cationic dyeable copolyester fibers as electrostatic flocking piles. Journal of Applied Polymer Science, 2011, 120, 195-201.	2.6	13
128	Synthesis of poly(butylene succinate-co-butylene terephthalate) (PBST) copolyesters with high molecular weights via direct esterification and polycondensation. Journal of Applied Polymer Science, 2010, 115, 2203-2211.	2.6	78
129	Electrospun nanomaterials for ultrasensitive sensors. Materials Today, 2010, 13, 16-27.	14.2	562
130	Study of yarn properties and displacement deviation of acceleration points based on the novel drafting system. Journal of the Textile Institute, 0, , 1-12.	1.9	1