

Dong Wang

List of Publications by Year in descending order

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174
papers

6,226
citations

70961

41
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91712

69
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175
all docs

175
docs citations

175
times ranked

8053
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanofiber-based transparent film with controllable optical transparency adjustment function for versatile bionic applications. <i>Nano Research</i> , 2022, 15, 564-572.	5.8	10
2	Fiber based organic electrochemical transistor integrated with molecularly imprinted membrane for uric acid detection. <i>Talanta</i> , 2022, 238, 123055.	2.9	17
3	Wearable human-machine interaction device integrated by all-textile-based tactile sensors array via facile cross-stitch. <i>Sensors and Actuators A: Physical</i> , 2022, 333, 113240.	2.0	11
4	A transparent PEDOT:PSS/PVA-co-PE/epoxy thermoelectric composite device with excellent flexibility and environmental stability. <i>Composites Science and Technology</i> , 2022, 218, 109153.	3.8	17
5	A Hierarchical Structure of Flower-Like Zinc Oxide and Poly(Vinyl Alcohol-co-Ethylene) Nanofiber Hybrid Membranes for High-Performance Air Filters. <i>ACS Omega</i> , 2022, 7, 3030-3036.	1.6	9
6	Caterpillar-like Ag-ZnO-C hollow nanocomposites for efficient solar photocatalytic degradation and disinfection. <i>Environmental Science: Nano</i> , 2022, 9, 975-987.	2.2	2
7	Gelatinase-responsive photonic crystal membrane for pathogenic bacteria detection and application in vitro health diagnosis. <i>Biosensors and Bioelectronics</i> , 2022, 202, 114013.	5.3	10
8	In-situ growth of multienzyme-inorganic hybrid nanoflowers on PVA-co-PE nanofibrous strip for colorimetric biosensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 640, 128419.	2.3	8
9	Solution Viscosity-Mediated Structural Control of Nanofibrous Sponge for RNA Separation and Purification. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	9
10	Polyamide thin film nanocomposite membrane with internal void structure mediated by silica and SDS for highly permeable reverse-osmosis application. <i>Composites Communications</i> , 2022, , 101092.	3.3	3
11	Wide-range sensitive all-textile piezoresistive sensors assembled with biomimetic core-shell yarn via facile embroidery integration. <i>Chemical Engineering Journal</i> , 2022, 435, 135003.	6.6	14
12	Design and synthesis of mechanochromic poly(ether-ester-urethane) elastomer with high toughness and resilience mediated by crystalline domains. <i>Polymer Chemistry</i> , 2022, 13, 2155-2164.	1.9	5
13	Woven fiber organic electrochemical transistors based on multiwalled carbon nanotube functionalized PEDOT nanowires for nondestructive detection of potassium ions. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 278, 115657.	1.7	15
14	Multi-heteroatom-doped hollow carbon nanocages from ZIF-8@CTP nanocomposites as high-performance anodes for sodium-ion batteries. <i>Composites Communications</i> , 2022, 32, 101116.	3.3	51
15	A Reversible Moisture-Responsive Plasmonic Color-Raman and Transmittance Modulation Device by Dispersing Hyaluronan-Functionalized Ag into Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2219-2229.	4.0	3
16	High-Performance PA Nanofiltration Membrane with Coral-Reef-Like Morphology atop Polydopamine Decorated EVOH Nanofiber Scaffold. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	1.1	2
17	Microwave synthesis of graphene oxide decorated with silver nanoparticles for slow-release antibacterial hydrogel. <i>Materials Today Communications</i> , 2022, 31, 103663.	0.9	7
18	Facile fabrication of nanofibrous ion-exchange chromatography membrane with aminated surface for highly efficient RNA separation and purification. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129160.	2.3	2

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19	High Yield of Nucleic Acid Adsorption via Poly(Vinyl Alcohol-co-Ethylene) Nanofiber-Based Anion-Exchange Chitosan Aerogel Membrane with Controllable Porosity. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	3
20	Layer-by-layer assembly of composite conductive fiber-based organic electrochemical transistor for highly sensitive detection of sialic acid. <i>Electrochimica Acta</i> , 2022, 425, 140716.	2.6	9
21	An EVOH nanofibrous sterile membrane with a robust and antifouling surface for high-performance sterile filtration via glutaraldehyde crosslinking and a plasma-assisted process. <i>Soft Matter</i> , 2022, 18, 4991-5000.	1.2	1
22	Superwetable membrane with hierarchical porosity for simultaneous separation of emulsions and removal of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125798.	2.3	5
23	Highly accurate fabric piezoresistive sensor with anti-interference from both high humidity and sweat based on hydrophobic non-fluoride titanium dioxide nanoparticles. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5217-5226.	2.7	15
24	Handedness Inversion of Chiral 3-Aminophenol Formaldehyde Resin Nanotubes Mediated by Metal Coordination. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7759-7769.	7.2	25
25	Recent advances in novel aerogels through the hybrid aggregation of inorganic nanomaterials and polymeric fibers for thermal insulation. <i>Aggregate</i> , 2021, 2, e30.	5.2	26
26	Handedness Inversion of Chiral 3-Aminophenol Formaldehyde Resin Nanotubes Mediated by Metal Coordination. <i>Angewandte Chemie</i> , 2021, 133, 7838-7848.	1.6	3
27	In-situ preparation of MIL-88A(Fe)/MIL-100(Fe)/PVA-Co-PE nanofiber membranes for efficient photocatalytic reduction of CO ₂ . <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 760, 012017.	0.2	0
28	N-Halamine Polypropylene Nonwoven Fabrics with Rechargeable Antibacterial and Antiviral Functions for Medical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2329-2336.	2.6	29
29	Fabrication of silica/PVA-co-PE nanofiber membrane for oil/water separation. <i>Fashion and Textiles</i> , 2021, 8, .	1.3	6
30	Highly Permeable Polyamide Nanofiltration Membrane Mediated by an Upscalable Wet-Laid EVOH Nanofibrous Scaffold. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23142-23152.	4.0	19
31	Electrochemical synthesis of chitosan/silver nanoparticles multilayer hydrogel coating with pH-dependent controlled release capability and antibacterial property. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111711.	2.5	30
32	Flexible, breathable, and highly environmental-stable Ni/PPy/PET conductive fabrics for efficient electromagnetic interference shielding and wearable textile antennas. <i>Composites Part B: Engineering</i> , 2021, 215, 108752.	5.9	49
33	Fabrics Attached with Highly Efficient Aggregation-Induced Emission Photosensitizer: Toward Self-Antiviral Personal Protective Equipment. <i>ACS Nano</i> , 2021, 15, 13857-13870.	7.3	38
34	Interpenetrating polysaccharide-based hydrogel: A dynamically responsive versatile medium for precisely controlled synthesis of nanometals. <i>Materials Science and Engineering C</i> , 2021, 127, 112211.	3.8	5
35	Facile fabrication of F-doped biomass carbon as high-performance anode material for potassium-ion batteries. <i>Electrochimica Acta</i> , 2021, 389, 138799.	2.6	24
36	Experimental study on plasma denitration by a bamboo based composite catalyst. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 166, 108466.	1.8	1

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37	Humidity-Driven Switch in the Transparency of a Nanofiber Film for a Smart Window. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9636-9643.	2.1	7
38	Graphene Oxide/Nanofiber-Based Actuation Films with Moisture and Photothermal Stimulation Response for Remote Intelligent Control Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48179-48188.	4.0	11
39	Wearable thermoelectric 3D spacer fabric containing a photothermal ZrC layer with improved power generation efficiency. <i>Energy Conversion and Management</i> , 2021, 243, 114432.	4.4	14
40	Flexible and lightweight MXene/silver nanowire/polyurethane composite foam films for highly efficient electromagnetic interference shielding and photothermal conversion. <i>Composites Science and Technology</i> , 2021, 215, 109023.	3.8	50
41	Chiral carbon nanotubes decorated MoS ₂ nanosheets as stable anode materials for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161354.	2.8	14
42	Rational programming of polysaccharide-based double network hydrogel with heterogeneous architecture and multifunction via electrical signal/temperature triggered sequential self-assembly. <i>Composites Part B: Engineering</i> , 2021, 226, 109343.	5.9	18
43	Preparation of a novel V ₂ C mxene/g-C ₃ N ₄ and its performance in plasma catalytic denitrification. <i>E3S Web of Conferences</i> , 2021, 252, 02068.	0.2	5
44	Synergistically Improving Flexibility and Thermoelectric Performance of Composite Yarn by Continuous Ultrathin PEDOT:PSS/DMSO/Ionic Liquid Coating. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50430-50440.	4.0	22
45	Full-Textile Human Motion Detection Systems Integrated by Facile Weaving with Hierarchical Core-Shell Piezoresistive Yarns. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52901-52911.	4.0	15
46	Supported growth of inorganic-organic nanoflowers on 3D hierarchically porous nanofibrous membrane for enhanced enzymatic water treatment. <i>Journal of Hazardous Materials</i> , 2020, 381, 120947.	6.5	34
47	One pot synthesis and capacitive sodium storage properties of rGO confined CoS ₂ anode materials. <i>Journal of Alloys and Compounds</i> , 2020, 813, 151598.	2.8	20
48	Flexible and Super-Sensitive Moisture-Responsive Actuators by Dispersing Graphene Oxide into Three-Dimensional Structures of Nanofibers and Silver Nanowires. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 3245-3253.	4.0	42
49	Ag nanoparticles decorated PVA-co-PE nanofiber-based membrane with antifouling surface for highly efficient inactivation and interception of bacteria. <i>Applied Surface Science</i> , 2020, 506, 144664.	3.1	32
50	Fabrication of ultra-light nickel/graphene composite foam with 3D interpenetrating network for high-performance electromagnetic interference shielding. <i>Composites Part B: Engineering</i> , 2020, 182, 107614.	5.9	60
51	Synergistic improvement for mechanical, thermal and optical properties of PVA-co-PE nanofiber/epoxy composites with cellulose nanocrystals. <i>Composites Science and Technology</i> , 2020, 188, 107990.	3.8	21
52	Nanofiber-reinforced bulk hydrogel: preparation and structural, mechanical, and biological properties. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9794-9803.	2.9	40
53	Polypyrrole (PPy) attached on porous conductive sponge derived from carbonized graphene oxide coated polyurethane (PU) and its application in pressure sensor. <i>Composites Communications</i> , 2020, 22, 100426.	3.3	54
54	Large-Area, Wearable, Self-Powered Pressure-Temperature Sensor Based on 3D Thermoelectric Spacer Fabric. <i>ACS Sensors</i> , 2020, 5, 2545-2554.	4.0	106

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55	Highly Accurate Wearable Piezoresistive Sensors without Tension Disturbance Based on Weaved Conductive Yarn. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35638-35646.	4.0	33
56	Surface Functional Nanofiber Membrane for Ultrasensitive and Naked-Eye Visualization of Bacterial Concentration. <i>ACS Applied Bio Materials</i> , 2020, 3, 6466-6477.	2.3	3
57	Featuring surface sodium storage properties of confined MoS ₂ /bacterial cellulose-derived carbon nanofibers anode. <i>Applied Surface Science</i> , 2020, 530, 147261.	3.1	13
58	Breathable and Large Curved Area Perceptible Flexible Piezoresistive Sensors Fabricated with Conductive Nanofiber Assemblies. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37764-37773.	4.0	25
59	Preparation and properties of polypyrrole/polyamide 6 nanocomposite film with core-shell architecture for the high-performance flexible supercapacitor. <i>Composites Communications</i> , 2020, 22, 100468.	3.3	14
60	Graft Copolymer Elastomers with Polar Polyacrylonitrile as Semicrystalline Side Chains: Excellent Toughness and Healability. <i>Macromolecules</i> , 2020, 53, 8928-8939.	2.2	9
61	Fiber organic electrochemical transistors based on multi-walled carbon nanotube and polypyrrole composites for noninvasive lactate sensing. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7515-7524.	1.9	25
62	Wire templated electrodeposition of vessel-like structured chitosan hydrogel by using a pulsed electrical signal. <i>Soft Matter</i> , 2020, 16, 9471-9478.	1.2	17
63	Nanofibrous Aerogels with Vertically Aligned Microchannels for Efficient Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42686-42695.	4.0	30
64	OD/2D Heterojunctions of Ti ₃ C ₂ MXene QDs/SiC as an Efficient and Robust Photocatalyst for Boosting the Visible Photocatalytic NO Pollutant Removal Ability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40176-40185.	4.0	132
65	A multifunctional metal-biopolymer coordinated double network hydrogel combined with multi-stimulus responsiveness, self-healing, shape memory and antibacterial properties. <i>Biomaterials Science</i> , 2020, 8, 3193-3201.	2.6	59
66	Ag nanoparticles decorated PVA-co-PE nanofibrous microfiltration membrane with antifouling surface for efficient sterilization. <i>Composites Communications</i> , 2020, 21, 100379.	3.3	11
67	PVA-co-PE nanofibers synergistically reinforced composite film with high transparency and flexibility. <i>Composites Communications</i> , 2020, 20, 100371.	3.3	7
68	High-Performance Natural Melanin/Poly(vinyl Alcohol-co-ethylene) Nanofibers/PA6 Fiber for Twisted and Coiled Fiber-Based Actuator. <i>Advanced Fiber Materials</i> , 2020, 2, 64-73.	7.9	27
69	The construction of sea urchin spines-like polypyrrole arrays on cotton-based fabric electrode via a facile electropolymerization for high performance flexible solid-state supercapacitors. <i>Electrochimica Acta</i> , 2020, 354, 136746.	2.6	19
70	Highly efficient nanofibrous sterile membrane with anti-BSA/RNA-fouling surface via plasma-assisted carboxylation process. <i>Journal of Membrane Science</i> , 2020, 601, 117935.	4.1	14
71	Ice-templating of chitosan/agarose porous composite hydrogel with adjustable water-sensitive shape memory property and multi-staged degradation performance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 190, 110907.	2.5	33
72	Wet-spinning Fabrication of Flexible Conductive Composite Fibers from Silver Nanowires and Fibroin. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 162-169.	1.0	8

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73	Electrodeposition of poly (vinyl alcohol-co-ethylene) nanofiber reinforced chitosan nanocomposite film for electrochemically programmed release of protein. <i>Polymer</i> , 2020, 193, 122338.	1.8	5
74	A novel PU/PVA-co-PE composite nanofiber membrane for water filtration. <i>Journal of Industrial Textiles</i> , 2019, 49, 431-446.	1.1	5
75	MIL-100(Fe)/Ti ₃ C ₂ MXene as a Schottky Catalyst with Enhanced Photocatalytic Oxidation for Nitrogen Fixation Activities. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44249-44262.	4.0	116
76	Ultra-Sensitive Piezo-Resistive Sensors Constructed with Reduced Graphene Oxide/Polyolefin Elastomer (RGO/POE) Nanofiber Aerogels. <i>Polymers</i> , 2019, 11, 1883.	2.0	6
77	Synergistic effect on TiO ₂ doped poly (vinyl alcohol-co-ethylene) nanofibrous film for filtration and photocatalytic degradation of methylene blue. <i>Composites Communications</i> , 2019, 12, 112-116.	3.3	29
78	Photothermal and Moisture Actuator Made with Graphene Oxide and Sodium Alginate for Remotely Controllable and Programmable Intelligent Devices. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21926-21934.	4.0	41
79	A novel, stretchable, silver-coated polyolefin elastomer nanofiber membrane for strain sensor applications. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47928.	1.3	8
80	Fabrication of ZrC/PVA-co-PE NF composite membranes with photo-thermal conversion for solar desalination. <i>Composites Communications</i> , 2019, 13, 151-155.	3.3	12
81	A highly stretchable, breathable and thermoregulatory electronic skin based on the polyolefin elastomer nanofiber membrane. <i>Applied Surface Science</i> , 2019, 486, 249-256.	3.1	39
82	Strategy of Constructing Light-Weight and Highly Compressible Graphene-Based Aerogels with an Ordered Unique Configuration for Wearable Piezoresistive Sensors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19350-19362.	4.0	41
83	Efficient adsorption of dyes from aqueous solution by poly(vinyl alcohol-co-ethylene) nanofibre membranes modified with β -cyclodextrin. <i>Coloration Technology</i> , 2019, 135, 244-249.	0.7	5
84	Wearable Fiber-Based Organic Electrochemical Transistors as a Platform for Highly Sensitive Dopamine Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13105-13113.	4.0	102
85	Controllable Shape Changing and Tristability of Bilayer Composite. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16881-16887.	4.0	14
86	Facile preparation and characterization of a nanofiber-coated textile with durable and rechargeable antibacterial activity. <i>New Journal of Chemistry</i> , 2019, 43, 17116-17122.	1.4	6
87	A Readily Accessible Functional Nanofibrous Membrane for High-Capacity Immobilization of Ag Nanoparticles and Ultrafast Catalysis Application. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801617.	1.9	15
88	The construction of rod-like polypyrrole network on hard magnetic porous textile anodes for microbial fuel cells with ultra-high output power density. <i>Journal of Power Sources</i> , 2019, 412, 514-519.	4.0	15
89	Flexible layer-structured Bi ₂ Te ₃ thermoelectric on a carbon nanotube scaffold. <i>Nature Materials</i> , 2019, 18, 62-68.	13.3	316
90	Superfast, Porous, and Organic Solvent-Sensitive Actuator Based on EVOH Nanofibrous Membrane and PS Microspheres. <i>Journal of Physical Chemistry C</i> , 2019, 123, 185-194.	1.5	15

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91	Bioinspired Smart Moisture Actuators Based on Nanoscale Cellulose Materials and Porous, Hydrophilic EVOH Nanofibrous Membranes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1440-1448.	4.0	73
92	Ultra-efficient removal of NO in a MOFs-NTP synergistic process at ambient temperature. <i>Chemical Engineering Journal</i> , 2019, 358, 291-298.	6.6	30
93	Facile Fabrication of Conductive Graphene/Polyurethane Foam Composite and Its Application on Flexible Piezo-Resistive Sensors. <i>Polymers</i> , 2019, 11, 1289.	2.0	44
94	Affinity functionalization of PVA-co-PE nanofibrous membrane with Ni(ii)-chelated ligand for bovine hemoglobin adsorption. <i>New Journal of Chemistry</i> , 2018, 42, 3990-3994.	1.4	8
95	Flexible supercapacitor with high energy density prepared by GO-induced porous coral-like polypyrrole (PPy)/PET non-woven fabrics. <i>Journal of Materials Science</i> , 2018, 53, 8409-8419.	1.7	25
96	Facile fabrication of poly(glycidyl methacrylate)-b-polystyrene functional fibers under a shear field and immobilization of hemoglobin. <i>New Journal of Chemistry</i> , 2018, 42, 8537-8543.	1.4	1
97	A thin film composite membrane supported by a hydrophilic poly(vinyl alcohol-co-ethylene) nanofiber membrane: Preparation, characterization, and application in nanofiltration. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46261.	1.3	3
98	Antibacterial and rechargeable surface functional nanofiber membrane for healthcare textile application. <i>New Journal of Chemistry</i> , 2018, 42, 2824-2829.	1.4	2
99	A facile route to the production of polymeric nanofibrous aerogels for environmentally sustainable applications. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3692-3704.	5.2	73
100	In situ prepared nanosized Pt-Ag/PDA/PVA-co-PE nanofibrous membrane for highly-efficient catalytic reduction of p-nitrophenol. <i>Composites Communications</i> , 2018, 9, 11-16.	3.3	25
101	Nanosized nickel decorated sisal fibers with tailored aggregation structures for catalysis reduction of toxic aromatic compounds. <i>Industrial Crops and Products</i> , 2018, 119, 226-236.	2.5	4
102	The poly(vinyl alcohol-co-ethylene) nanofiber/silica coated composite membranes for oil/water and oil-in-water emulsion separation. <i>Composites Communications</i> , 2018, 7, 69-73.	3.3	41
103	Ethylenediamine-assisted synthesis of microsized cobalt sulfide as advanced anode materials for sodium ion batteries. <i>Journal of Alloys and Compounds</i> , 2018, 735, 765-772.	2.8	10
104	Natural alginate fiber-based actuator driven by water or moisture for energy harvesting and smart controller applications. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22599-22608.	5.2	58
105	Ultrasensitive Wearable Pressure Sensors Assembled by Surface-Patterned Polyolefin Elastomer Nanofiber Membrane Interpenetrated with Silver Nanowires. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42706-42714.	4.0	47
106	Flexible nanofibers-reinforced silk fibroin films plasticized by glycerol. <i>Composites Part B: Engineering</i> , 2018, 152, 305-310.	5.9	32
107	AQC functionalized CNCs/PVA-co-PE composite nanofibrous membrane with flower-like microstructures for photo-induced multi-functional protective clothing. <i>Cellulose</i> , 2018, 25, 4819-4830.	2.4	5
108	Multistimulus Responsive Actuator with GO and Carbon Nanotube/PDMS Bilayer Structure for Flexible and Smart Devices. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27215-27223.	4.0	144

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109	High performance HKUST-1@PVA-co-PE/PVA hybrid hydrogel with enhanced selective adsorption. <i>Composites Communications</i> , 2018, 10, 36-40.	3.3	29
110	PVA-co-PE Nanofibrous Filter Media with Tailored Three-Dimensional Structure for High Performance and Safe Aerosol Filtration via Suspension-Drying Procedure. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 9269-9280.	1.8	16
111	Dynamic layer-by-layer films on nanofiber membrane: a platform for ultra-sensitive bacterial concentration detection. <i>Chemical Communications</i> , 2018, 54, 7920-7923.	2.2	6
112	The recent development of efficient Earth-abundant transition-metal nanocatalysts. <i>Chemical Society Reviews</i> , 2017, 46, 816-854.	18.7	458
113	Mechanically Robust and Transparent N-Halamine Grafted PVA-co-PE Films with Renewable Antimicrobial Activity. <i>Macromolecular Bioscience</i> , 2017, 17, 1600304.	2.1	40
114	Chemiluminescence biosensor for hydrogen peroxide determination by immobilizing horseradish peroxidase onto PVA-co-PE nanofiber membrane. <i>European Polymer Journal</i> , 2017, 91, 307-314.	2.6	26
115	The woven fiber organic electrochemical transistors based on polypyrrole nanowires/reduced graphene oxide composites for glucose sensing. <i>Biosensors and Bioelectronics</i> , 2017, 95, 138-145.	5.3	81
116	Three-dimensional non-woven poly(vinyl alcohol-co-ethylene) nanofiber based polyaniline flexible electrode for high performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2017, 715, 137-145.	2.8	12
117	Concurrent filtration and inactivation of bacteria using poly(vinyl alcohol-co-ethylene) nanofibrous membrane facilely modified using chitosan and graphene oxide. <i>Environmental Science: Nano</i> , 2017, 4, 385-395.	2.2	21
118	Facile synthesis of three-dimensional (3D) interconnecting polypyrrole (PPy) nanowires/nanofibrous textile composite electrode for high performance supercapacitors. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 101, 30-40.	3.8	45
119	Hierarchical Polyamide 6 (PA6) Nanofibrous Membrane with Desired Thickness as Separator for High-Performance Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1526-A1533.	1.3	10
120	Vancomycin-hybrid bimetallic Au/Ag composite nanoparticles: preparation of the nanoparticles and characterization of the antibacterial activity. <i>New Journal of Chemistry</i> , 2017, 41, 5276-5279.	1.4	19
121	Activable carboxylic acid functionalized crystalline nanocellulose/PVA-co-PE composite nanofibrous membrane with enhanced adsorption for heavy metal ions. <i>Separation and Purification Technology</i> , 2017, 186, 70-77.	3.9	46
122	Study on the mechanism of NO removal by plasma-adsorption catalytic process. <i>Fuel</i> , 2017, 200, 290-298.	3.4	26
123	Biocidal and Rechargeable N-Halamine Nanofibrous Membranes for Highly Efficient Water Disinfection. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 854-862.	2.6	73
124	Synthesis and characterization of hysteresis-free zirconium oligosiloxane hybrid materials for organic thin film transistors. <i>Synthetic Metals</i> , 2017, 223, 226-233.	2.1	5
125	Hydrogel degradation triggered by pH for the smart release of antibiotics to combat bacterial infection. <i>New Journal of Chemistry</i> , 2017, 41, 432-436.	1.4	26
126	In-situ polymerization of PPy/cellulose composite sponge with high elasticity and conductivity for the application of pressure sensor. <i>Composites Communications</i> , 2017, 6, 68-72.	3.3	44

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127	Photosensitizer- AgNP composite with an ability to selectively recognize pathogen and enhanced photodynamic efficiency. <i>New Journal of Chemistry</i> , 2017, 41, 12371-12374.	1.4	8
128	Modified thermal resistance networks model for transverse thermal conductivity of unidirectional fiber composite. <i>Composites Communications</i> , 2017, 6, 52-58.	3.3	12
129	Facile and Effective Coloration of Dye-Inert Carbon Fiber Fabrics with Tunable Colors and Excellent Laundering Durability. <i>ACS Nano</i> , 2017, 11, 10330-10336.	7.3	53
130	Highly transparent and rollable PVA-co-PE nanofibers synergistically reinforced with epoxy film for flexible electronic devices. <i>Nanoscale</i> , 2017, 9, 19216-19226.	2.8	21
131	Continuously Producing Ultrasensitive Wearable Strain Sensor Assembled with Three-Dimensional Interpenetrating Ag Nanowires/Polyolefin Elastomer Nanofibrous Composite Yarn. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42058-42066.	4.0	91
132	Amine-functionalized PVA-co-PE nanofibrous membrane as affinity membrane with high adsorption capacity for bilirubin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 271-278.	2.5	42
133	Denitration and adsorption mechanism of heat-treated bamboo charcoal. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 6194-6200.	3.3	11
134	A nanofiber based artificial electronic skin with high pressure sensitivity and 3D conformability. <i>Nanoscale</i> , 2016, 8, 12105-12112.	2.8	141
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