

Jie-feng Gao

List of Publications by Year in descending order

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124
papers

8,749
citations

28736

57
h-index

54771

88
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125
all docs

125
docs citations

125
times ranked

6674
citing authors

#	ARTICLE	IF	CITATIONS
1	Superhydrophobic and breathable smart MXene-based textile for multifunctional wearable sensing electronics. <i>Chemical Engineering Journal</i> , 2021, 406, 126898.	6.6	304
2	Highly stretchable, anti-corrosive and wearable strain sensors based on the PDMS/CNTs decorated elastomer nanofiber composite. <i>Chemical Engineering Journal</i> , 2019, 362, 89-98.	6.6	278
3	Flexible Transparent PES/Silver Nanowires/PET Sandwich-Structured Film for High-Efficiency Electromagnetic Interference Shielding. <i>Langmuir</i> , 2012, 28, 7101-7106.	1.6	257
4	Efficient Flame Detection and Early Warning Sensors on Combustible Materials Using Hierarchical Graphene Oxide/Silicone Coatings. <i>ACS Nano</i> , 2018, 12, 416-424.	7.3	227
5	Lightweight and Robust Carbon Nanotube/Polyimide Foam for Efficient and Heat-Resistant Electromagnetic Interference Shielding and Microwave Absorption. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8704-8712.	4.0	227
6	Simultaneously improved electromagnetic interference shielding and mechanical performance of segregated carbon nanotube/polypropylene composite via solid phase molding. <i>Composites Science and Technology</i> , 2018, 156, 87-94.	3.8	221
7	Flexible, superhydrophobic and highly conductive composite based on non-woven polypropylene fabric for electromagnetic interference shielding. <i>Chemical Engineering Journal</i> , 2019, 364, 493-502.	6.6	200
8	Asymmetric conductive polymer composite foam for absorption dominated ultra-efficient electromagnetic interference shielding with extremely low reflection characteristics. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9146-9159.	5.2	196
9	A highly stretchable, super-hydrophobic strain sensor based on polydopamine and graphene reinforced nanofiber composite for human motion monitoring. <i>Composites Part B: Engineering</i> , 2020, 181, 107580.	5.9	182
10	Electrically conductive and fluorine free superhydrophobic strain sensors based on SiO ₂ /graphene-decorated electrospun nanofibers for human motion monitoring. <i>Chemical Engineering Journal</i> , 2019, 373, 298-306.	6.6	176
11	Water-based hybrid coatings toward mechanically flexible, super-hydrophobic and flame-retardant polyurethane foam nanocomposites with high-efficiency and reliable fire alarm response. <i>Composites Part B: Engineering</i> , 2020, 193, 108017.	5.9	176
12	Improvement of interlaminar fracture toughness in carbon fiber/epoxy composites with carbon nanotubes/polysulfone interleaves. <i>Composites Science and Technology</i> , 2017, 140, 8-15.	3.8	157
13	Dual conductive network enabled superhydrophobic and high performance strain sensors with outstanding electro-thermal performance and extremely high gauge factors. <i>Chemical Engineering Journal</i> , 2020, 385, 123391.	6.6	149
14	Facile and green fabrication of flame-retardant Ti ₃ C ₂ T _x MXene networks for ultrafast, reusable and weather-resistant fire warning. <i>Chemical Engineering Journal</i> , 2022, 427, 131615.	6.6	149
15	Flexible, superhydrophobic, and electrically conductive polymer nanofiber composite for multifunctional sensing applications. <i>Chemical Engineering Journal</i> , 2020, 381, 122778.	6.6	140
16	Carbon nanofiber based superhydrophobic foam composite for high performance oil/water separation. <i>Journal of Hazardous Materials</i> , 2021, 402, 123838.	6.5	139
17	Silane grafted graphene oxide papers for improved flame resistance and fast fire alarm response. <i>Composites Part B: Engineering</i> , 2019, 168, 413-420.	5.9	135
18	CNTs/ UHMWPE composites with a two-dimensional U conductive network. <i>Materials Letters</i> , 2008, 62, 3530-3532.	1.3	133

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19	Temperature-responsive resistance sensitivity controlled by L-ascorbic acid and silane co-functionalization in flame-retardant GO network for efficient fire early-warning response. <i>Chemical Engineering Journal</i> , 2020, 386, 123894.	6.6	127
20	Mechanically Durable, Highly Conductive, and Anticorrosive Composite Fabrics with Excellent Self-Cleaning Performance for High-Efficiency Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10883-10894.	4.0	121
21	Facile and green synthesis of mechanically flexible and flame-retardant clay/graphene oxide nanoribbon interconnected networks for fire safety and prevention. <i>Chemical Engineering Journal</i> , 2021, 405, 126620.	6.6	116
22	Facile preparation of hybrid microspheres for super-hydrophobic coating and oil-water separation. <i>Chemical Engineering Journal</i> , 2017, 326, 443-453.	6.6	112
23	Construction of sandwich-like porous structure of graphene-coated foam composites for ultrasensitive and flexible pressure sensors. <i>Nanoscale</i> , 2019, 11, 10229-10238.	2.8	111
24	Multifunctional MXene/Chitosan-Coated Cotton Fabric for Intelligent Fire Protection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23020-23029.	4.0	102
25	Super-hydrophobic, durable and cost-effective carbon black/rubber composites for high performance strain sensors. <i>Composites Part B: Engineering</i> , 2019, 176, 107358.	5.9	99
26	Superhydrophobic and multi-responsive fabric composite with excellent electro-photo-thermal effect and electromagnetic interference shielding performance. <i>Chemical Engineering Journal</i> , 2020, 391, 123537.	6.6	99
27	Ultrasonication assisted preparation of carbonaceous nanoparticles modified polyurethane foam with good conductivity and high oil absorption properties. <i>Nanoscale</i> , 2014, 6, 13748-13753.	2.8	98
28	Flexible PDA@ACNTs decorated polymer nanofiber composite with superhydrophilicity and underwater superoleophobicity for efficient separation of oil-in-water emulsion. <i>Journal of Membrane Science</i> , 2020, 614, 118500.	4.1	93
29	A highly efficient flame retardant nacre-inspired nanocoating with ultrasensitive fire-warning and self-healing capabilities. <i>Chemical Engineering Journal</i> , 2019, 369, 8-17.	6.6	90
30	Mechanically flexible, super-hydrophobic and flame-retardant hybrid nano-silica/graphene oxide wide ribbon decorated sponges for efficient oil/water separation and fire warning response. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 140, 106191.	3.8	90
31	Superhydrophobic MXene based fabric composite for high efficiency solar desalination. <i>Desalination</i> , 2022, 524, 115475.	4.0	90
32	Superhydrophobic and superelastic conductive rubber composite for wearable strain sensors with ultrahigh sensitivity and excellent anti-corrosion property. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24523-24533.	5.2	89
33	Superhydrophobic and wearable TPU based nanofiber strain sensor with outstanding sensitivity for high-quality body motion monitoring. <i>Chemical Engineering Journal</i> , 2021, 419, 129513.	6.6	87
34	Durable and Multifunctional Superhydrophobic Coatings with Excellent Joule Heating and Electromagnetic Interference Shielding Performance for Flexible Sensing Electronics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34338-34347.	4.0	86
35	Copolymer derived micro/meso-porous carbon nanofibers with vacancy-type defects for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2463-2471.	5.2	86
36	Lotus leaf inspired superhydrophobic rubber composites for temperature stable piezoresistive sensors with ultrahigh compressibility and linear working range. <i>Chemical Engineering Journal</i> , 2021, 405, 127025.	6.6	85

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37	Silane bonded graphene aerogels with tunable functionality and reversible compressibility. <i>Carbon</i> , 2016, 107, 573-582.	5.4	83
38	Design of mechanically stable, electrically conductive and highly hydrophobic three-dimensional graphene nanoribbon composites by modulating the interconnected network on polymer foam skeleton. <i>Composites Science and Technology</i> , 2019, 171, 162-170.	3.8	82
39	Large-scale fabrication and electrical properties of an anisotropic conductive polymer composite utilizing preferable location of carbon nanotubes in a polymer blend. <i>Composites Science and Technology</i> , 2010, 70, 1973-1979.	3.8	80
40	Graphite-Nanoplatelet-Decorated Polymer Nanofiber with Improved Thermal, Electrical, and Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7758-7764.	4.0	78
41	In-situ pull-off of ZnO nanowire from carbon fiber and improvement of interlaminar toughness of hierarchical ZnO nanowire/carbon fiber hybrid composite laminates. <i>Carbon</i> , 2016, 110, 69-78.	5.4	78
42	Synergistic Effect of Graphite and Carbon Nanotubes on Improved Electromagnetic Interference Shielding Performance in Segregated Composites. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 11929-11938.	1.8	78
43	Fluorine-free Superhydrophobic and Conductive Rubber Composite with Outstanding Deicing Performance for Highly Sensitive and Stretchable Strain Sensors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17774-17783.	4.0	78
44	One-step and green synthesis of lightweight, mechanically flexible and flame-retardant polydimethylsiloxane foam nanocomposites via surface-assembling ultralow content of graphene derivative. <i>Chemical Engineering Journal</i> , 2020, 393, 124724.	6.6	78
45	Ultrafast Flame-Induced Pyrolysis of Poly(dimethylsiloxane) Foam Materials toward Exceptional Superhydrophobic Surfaces and Reliable Mechanical Robustness. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 23161-23172.	4.0	78
46	Processing, thermal conductivity and flame retardant properties of silicone rubber filled with different geometries of thermally conductive fillers: A comparative study. <i>Composites Part B: Engineering</i> , 2022, 238, 109907.	5.9	76
47	Superhydrophobic self-extinguishing cotton fabrics for electromagnetic interference shielding and human motion detection. <i>Journal of Materials Science and Technology</i> , 2023, 132, 59-68.	5.6	75
48	TiO ₂ nanoparticle decorated carbon nanofibers for removal of organic dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 549, 205-211.	2.3	72
49	Facile preparation of polymer microspheres and fibers with a hollow core and porous shell for oil adsorption and oil/water separation. <i>Applied Surface Science</i> , 2018, 439, 394-404.	3.1	72
50	Simultaneous improvements in fire resistance and alarm response of GO paper via one-step 3-mercaptopropyltrimethoxysilane functionalization for efficient fire safety and prevention. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 131, 105797.	3.8	72
51	Superhydrophilic, Underwater Superoleophobic, and Highly Stretchable Humidity and Chemical Vapor Sensors for Human Breath Detection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24533-24543.	4.0	70
52	Stretchable, electrically conductive and superhydrophobic/superoleophilic nanofibrous membrane with a hierarchical structure for efficient oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 70, 243-252.	2.9	68
53	Flexible and highly conductive sandwich nylon/nickel film for ultra-efficient electromagnetic interference shielding. <i>Applied Surface Science</i> , 2018, 455, 856-863.	3.1	66
54	Self-Derived Superhydrophobic and Multifunctional Polymer Sponge Composite with Excellent Joule Heating and Photothermal Performance for Strain/Pressure Sensors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13316-13326.	4.0	66

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55	Flexible membranes with a hierarchical nanofiber/microsphere structure for oil adsorption and oil/water separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 68, 416-424.	2.9	63
56	A Healable and Mechanically Enhanced Composite with Segregated Conductive Network Structure for High-Efficient Electromagnetic Interference Shielding. <i>Nano-Micro Letters</i> , 2021, 13, 162.	14.4	62
57	Stretchable and Superhydrophilic Polyaniline/Halloysite Decorated Nanofiber Composite Evaporator for High Efficiency Seawater Desalination. <i>Advanced Fiber Materials</i> , 2022, 4, 1233-1245.	7.9	61
58	Preparation, morphology, and mechanical properties of carbon nanotube anchored polymer nanofiber composite. <i>Composites Science and Technology</i> , 2014, 92, 95-102.	3.8	60
59	Superhydrophilic carbon nanofiber membrane with a hierarchically macro/meso porous structure for high performance solar steam generators. <i>Desalination</i> , 2021, 516, 115224.	4.0	56
60	Facile preparation of hierarchically porous polymer microspheres for superhydrophobic coating. <i>Nanoscale</i> , 2014, 6, 1056-1063.	2.8	54
61	Super-hydrophobic coatings based on non-solvent induced phase separation during electro-spraying. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 603-612.	5.0	53
62	Injection Molded Segregated Carbon Nanotube/Polypropylene Composite for Efficient Electromagnetic Interference Shielding. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12378-12385.	1.8	53
63	A sandwich-like flame retardant nanocoating for supersensitive fire-warning. <i>Chemical Engineering Journal</i> , 2020, 382, 122929.	6.6	52
64	Rapid controllable high-concentration synthesis and mutual attachment of silver nanowires. <i>RSC Advances</i> , 2012, 2, 2055.	1.7	51
65	Synergetic improvement of interlaminar fracture energy in carbon fiber/epoxy composites with nylon nanofiber/polycaprolactone blend interleaves. <i>Composites Part B: Engineering</i> , 2019, 171, 320-328.	5.9	49
66	Mechanically robust and multifunctional polyimide/MXene composite aerogel for smart fire protection. <i>Chemical Engineering Journal</i> , 2022, 434, 134630.	6.6	48
67	Superhydrophobic, mechanically durable coatings for controllable light and magnetism driven actuators. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 282-290.	5.0	47
68	Effects of carboxylated carbon nanotubes on the phase separation behaviour and fracture-mechanical properties of an epoxy/polysulfone blend. <i>Composites Science and Technology</i> , 2018, 159, 180-188.	3.8	46
69	Flexible and Superhydrophobic Composites with Dual Polymer Nanofiber and Carbon Nanofiber Network for High-Performance Chemical Vapor Sensing and Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47076-47089.	4.0	45
70	Two-dimensional materials: Emerging toolkit for construction of ultrathin high-efficiency microwave shield and absorber. <i>Frontiers of Physics</i> , 2018, 13, 1.	2.4	44
71	Electrically conductive polymer nanofiber composite with an ultralow percolation threshold for chemical vapour sensing. <i>Composites Science and Technology</i> , 2018, 161, 135-142.	3.8	43
72	Interlaminar toughening in carbon fiber/epoxy composites interleaved with CNT-decorated polycaprolactone nanofibers. <i>Composites Communications</i> , 2021, 24, 100622.	3.3	43

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73	A hierarchical carbon nanotube/SiO ₂ nanoparticle network induced superhydrophobic and conductive coating for wearable strain sensors with superior sensitivity and ultra-low detection limit. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4199-4209.	2.7	42
74	Improved Electrical and Mechanical Properties for the Reduced Graphene Oxide-Decorated Polymer Nanofiber Composite with a Core-shell Structure. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 15470-15478.	1.8	41
75	Ultrasonication induced adsorption of carbon nanotubes onto electrospun nanofibers with improved thermal and electrical performances. <i>Journal of Materials Chemistry</i> , 2012, 22, 10867.	6.7	40
76	Controllable morphology and wettability of polymer microspheres prepared by nonsolvent assisted electrospinning. <i>Polymer</i> , 2014, 55, 2913-2920.	1.8	40
77	A super-hydrophobic and electrically conductive nanofibrous membrane for a chemical vapor sensor. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10036-10047.	5.2	39
78	Bioinspired Superhydrophobic and Durable Octadecanoic Acid/Ag Nanoparticle-Decorated Rubber Composites for High-Performance Strain Sensors. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7245-7254.	3.2	39
79	Surface engineering via self-assembly on PEDOT:PSS fibers: Biomimetic fluff-like morphology and sensing application. <i>Chemical Engineering Journal</i> , 2021, 425, 131551.	6.6	38
80	A review of nanofiber membranes for solar interface evaporation. <i>Desalination</i> , 2022, 531, 115686.	4.0	38
81	Flexible Carboxylated CNT/PA66 Nanofibrous Mat Interleaved Carbon Fiber/Epoxy Laminates with Improved Interlaminar Fracture Toughness and Flexural Properties. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 1151-1158.	1.8	37
82	Steric stabilizer-based promotion of uniform polyaniline shell for enhanced electromagnetic wave absorption of carbon nanotube/polyaniline hybrids. <i>Composites Part B: Engineering</i> , 2020, 199, 108309.	5.9	36
83	Hydrophobic and porous carbon nanofiber membrane for high performance solar-driven interfacial evaporation with excellent salt resistance. <i>Journal of Colloid and Interface Science</i> , 2022, 612, 66-75.	5.0	35
84	Interface sintering engineered superhydrophobic and durable nanofiber composite for high-performance electromagnetic interference shielding. <i>Journal of Materials Science and Technology</i> , 2022, 98, 62-71.	5.6	34
85	Flexible and Anisotropic Strain Sensors with the Asymmetrical Cross-Conducting Network for Versatile Bio-Mechanical Signal Recognition. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44925-44934.	4.0	33
86	Preparation of poly(ϵ -caprolactone) microspheres and fibers with controllable surface morphology. <i>Materials and Design</i> , 2017, 117, 298-304.	3.3	31
87	Core-shell PEDOT:PSS/SA composite fibers fabricated via a single-nozzle technique enable wearable sensor applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4564-4571.	2.7	31
88	Polyvinylpyrrolidone Assisted Preparation of Highly Conductive, Antioxidation, and Durable Nanofiber Composite with an Extremely High Electromagnetic Interference Shielding Effectiveness. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21865-21875.	4.0	31
89	Interface-engineered reduced graphene oxide assembly on nanofiber surface for high performance strain and temperature sensing. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 931-941.	5.0	31
90	Wearable and antibacterial HPMC-anchored conductive polymer composite strain sensor with high gauge factors under small strains. <i>Chemical Engineering Journal</i> , 2022, 435, 135068.	6.6	31

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91	Mechanically robust Janus nanofibrous membrane with asymmetric wettability for high efficiency emulsion separation. <i>Journal of Hazardous Materials</i> , 2022, 429, 128250.	6.5	30
92	Facile preparation of super-hydrophobic nanofibrous membrane for oil/water separation in a harsh environment. <i>Journal of Materials Science</i> , 2018, 53, 10111-10121.	1.7	29
93	Simultaneous realization of highly efficient electromagnetic interference shielding and human motion detection in carbon fiber felt decorated with silver nanowires and thermoplastic polyurethane. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6894-6903.	2.7	29
94	Skin-inspired thermoelectric nanocoating for temperature sensing and fire safety. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 756-766.	5.0	29
95	A highly adhesive, self-healing and perdurable PEDOT:PSS/PAA-Fe ³⁺ gel enabled by multiple non-covalent interactions for multi-functional wearable electronics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6271-6280.	2.7	29
96	Microporous Carbon Nanofibers Derived from Poly(acrylonitrile-co-acrylic acid) for High-Performance Supercapacitors. <i>Chemistry - A European Journal</i> , 2020, 26, 3326-3334.	1.7	28
97	Superhydrophobic and anti-ultraviolet polymer nanofiber composite with excellent stretchability and durability for efficient oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125224.	2.3	28
98	Donor-acceptor covalent organic framework hollow microspheres with a hierarchical pore structure for visible-light-driven H ₂ evolution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11010-11018.	5.2	28
99	Positive temperature coefficient and time-dependent resistivity of carbon nanotubes (CNTs)/ultrahigh molecular weight polyethylene (UHMWPE) composite. <i>Journal of Applied Polymer Science</i> , 2009, 114, 1002-1010.	1.3	27
100	Three-layer core-shell Ag/AgCl/PEDOT: PSS composite fibers via a one-step single-nozzle technique enabled skin-inspired tactile sensors. <i>Chemical Engineering Journal</i> , 2022, 442, 136270.	6.6	26
101	Facile Construction of a Superhydrophobic Surface on a Textile with Excellent Electrical Conductivity and Stretchability. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7546-7553.	1.8	25
102	Chitosan assisted MXene decoration onto polymer fabric for high efficiency solar driven interfacial evaporation of oil contaminated seawater. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 169-180.	5.0	25
103	Influence of humidity and polymer additives on the morphology of hierarchically porous microspheres prepared from non-solvent assisted electrospinning. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 517, 17-24.	2.3	23
104	In Situ Nitrogen-Doped Covalent Triazine-Based Multiporous Cross-Linking Framework for High-Performance Energy Storage. <i>Advanced Electronic Materials</i> , 2020, 6, 2000253.	2.6	23
105	Emulsion dipping based superhydrophobic, temperature tolerant, and multifunctional coatings for smart strain sensing applications. <i>Composites Science and Technology</i> , 2021, 216, 109045.	3.8	21
106	Highly electrically conductive polymer composite with a novel fiber-based segregated structure. <i>Journal of Materials Science</i> , 2020, 55, 11727-11738.	1.7	17
107	Drop casting based superhydrophobic and electrically conductive coating for high performance strain sensing. <i>Nano Materials Science</i> , 2022, 4, 178-184.	3.9	15
108	Continuous dry-wet spinning of white, stretchable, and conductive fibers of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) and ATO@TiO ₂ nanoparticles for wearable e-textiles. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8362-8367.	2.7	14

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109	Flexible, superhydrophobic and multifunctional carbon nanofiber hybrid membranes for high performance light driven actuators. <i>Nanoscale</i> , 2021, 13, 12017-12027.	2.8	14
110	Superhydrophobic, electrically conductive and multifunctional polymer foam composite for chemical vapor detection and crude oil cleanup. <i>Journal of Hazardous Materials</i> , 2022, 424, 127697.	6.5	14
111	Tunable positive liquid coefficient of an anisotropically conductive carbon nanotube-polymer composite. <i>Journal of Polymer Research</i> , 2011, 18, 2239-2243.	1.2	13
112	Morphological evolution from porous nanofibers to rice like nanobeans. <i>Materials Letters</i> , 2014, 128, 110-113.	1.3	13
113	A Novel Glucose Biosensor Based on Hierarchically Porous Block Copolymer Film. <i>Polymers</i> , 2018, 10, 723.	2.0	13
114	Superhydrophobic, biocompatible and durable nanofiber composite with an asymmetric structure for anisotropic strain sensing and body motion detection. <i>Chemical Engineering Journal</i> , 2022, 450, 137899.	6.6	13
115	A sandwich structured drug delivery composite membrane for improved recovery after spinal cord injury under longtime controlled release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111529.	2.5	10
116	An In Situ Self-Assembly Dual Conductive Shell Nanofiber Strain Sensor with Superior Sensitivity and Antibacterial Property. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	10
117	Hierarchically Porous Copolymer Film as Immobilization Matrix for Phenol Biosensor with High Sensitivity. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3148-3156.	2.0	9
118	Conductive graphite nanoplatelets (GNPs)/polyethersulfone (PES) composites with inter-connective porous structure for chemical vapor sensing. <i>Composites Science and Technology</i> , 2019, 184, 107883.	3.8	9
119	Hierarchically Porous Organic Materials Derived From Copolymers: Preparation and Electrochemical Applications. <i>Polymer Reviews</i> , 2019, 59, 149-186.	5.3	8
120	Compressible Metalized Soft Magnetic Sponges with Tailorable Electrical and Magnetic Properties. <i>ChemNanoMat</i> , 2020, 6, 316-325.	1.5	7
121	Functionalizing MXenes with molybdenum trioxide towards reducing fire hazards of thermoplastic polyurethane. <i>New Journal of Chemistry</i> , 2022, 46, 14112-14121.	1.4	5
122	Flexible All-Solid-State Supercapacitor Fabricated with Nitrogen-Doped Carbon Nanofiber Electrode Material Derived from Polyacrylonitrile Copolymer. <i>ACS Applied Energy Materials</i> , 2021, 4, 5830-5839.	2.5	4
123	Resistivity Relaxation of Anisotropic Conductive Polymer Composites. <i>Journal of Macromolecular Science - Physics</i> , 2013, 52, 788-796.	0.4	3
124	A Conductive Carbon Nanotube-Polymer Composite Based on a Co-continuous Blend. <i>Journal of Macromolecular Science - Physics</i> , 2013, 52, 167-177.	0.4	2