

List of Publications by Citations

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

45 papers	1,689 citations	24 h-index	41 g-index
48 ext. papers	2,185 ext. citations	8.6 avg, IF	5.26 L-index

#	Paper	IF	Citations
45	Electret Polyvinylidene Fluoride Nanofibers Hybridized by Polytetrafluoroethylene Nanoparticles for High-Efficiency Air Filtration. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23985-94	9.5	167
44	Slip-Effect Functional Air Filter for Efficient Purification of PM. <i>Scientific Reports</i> , 2016 , 6, 35472	4.9	123
43	Highly Integrated Polysulfone/Polyacrylonitrile/Polyamide-6 Air Filter for Multilevel Physical Sieving Airborne Particles. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29062-29072	9.5	110
42	Low-Resistance Dual-Purpose Air Filter Releasing Negative Ions and Effectively Capturing PM. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12054-12063	9.5	96
41	A Controlled Design of Ripple-Like Polyamide-6 Nanofiber/Nets Membrane for High-Efficiency Air Filter. <i>Small</i> , 2017 , 13, 1603151	11	86
40	Cleanable Air Filter Transferring Moisture and Effectively Capturing PM. <i>Small</i> , 2017 , 13, 1603306	11	82
39	Free-Standing Polyurethane Nanofiber/Nets Air Filters for Effective PM Capture. <i>Small</i> , 2017 , 13, 1702139	11	80
38	Tailoring Mechanically Robust Poly(m-phenylene isophthalamide) Nanofiber/nets for Ultrathin High-Efficiency Air Filter. <i>Scientific Reports</i> , 2017 , 7, 40550	4.9	76
37	Electrospun nanofibers for high-performance air filtration. <i>Composites Communications</i> , 2019 , 15, 6-19	6.7	74
36	Polybenzoxazine-Functionalized Melamine Sponges with Enhanced Selective Capillarity for Efficient Oil Spill Cleanup. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 40274-40285	9.5	67
35	Functional modification of breathable polyacrylonitrile/polyurethane/TiO nanofibrous membranes with robust ultraviolet resistant and waterproof performance. <i>Journal of Colloid and Interface Science</i> , 2017 , 508, 508-516	9.3	65
34	Electrospun polyvinylidene fluoride/SiO ₂ nanofibrous membranes with enhanced electret property for efficient air filtration. <i>Composites Communications</i> , 2019 , 13, 57-62	6.7	47
33	Colorimetric strips for visual lead ion recognition utilizing polydiacetylene embedded nanofibers. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18304-18312	13	46
32	Hydrophobic polyvinylidene fluoride fibrous membranes with simultaneously water/windproof and breathable performance. <i>RSC Advances</i> , 2016 , 6, 87820-87827	3.7	43
31	Novel Inorganic-Based N-Halamine Nanofibrous Membranes As Highly Effective Antibacterial Agent for Water Disinfection. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 44209-44215	9.5	42
30	Multilevel porous structured polyvinylidene fluoride/polyurethane fibrous membranes for ultrahigh waterproof and breathable application. <i>Composites Communications</i> , 2017 , 6, 63-67	6.7	36
29	Ultralight and Resilient Electrospun Fiber Sponge with a Lamellar Corrugated Microstructure for Effective Low-Frequency Sound Absorption. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 35333-35342	9.5	35

28	Semi-Interpenetrating Polymer Network Biomimetic Structure Enables Superelastic and Thermostable Nanofibrous Aerogels for Cascade Filtration of PM2.5. <i>Advanced Functional Materials</i> , 2020 , 30, 1910426	15.6	34
27	In-situ electrospinning of thymol-loaded polyurethane fibrous membranes for waterproof, breathable, and antibacterial wound dressing application. <i>Journal of Colloid and Interface Science</i> , 2021 , 592, 310-318	9.3	33
26	Moisture and oily molecules stable nanofibrous electret membranes for effectively capturing PM 2.5. <i>Composites Communications</i> , 2017 , 6, 34-40	6.7	29
25	Highly Flexible, Efficient, and Sandwich-Structured Infrared Radiation Heating Fabric. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 11016-11025	9.5	27
24	Polyvinyl Butyral Modified Polyvinylidene Fluoride Breathable/Waterproof Nanofibrous Membranes with Enhanced Mechanical Performance. <i>Macromolecular Materials and Engineering</i> , 2017 , 302,	3.9	27
23	All-polymer hybrid electret fibers for high-efficiency and low-resistance filter media. <i>Chemical Engineering Journal</i> , 2020 , 398, 125626	14.7	24
22	High-efficiency and super-breathable air filters based on biomimetic ultrathin nanofiber networks. <i>Composites Communications</i> , 2020 , 22, 100493	6.7	24
21	A versatile method for fabricating ion-exchange hydrogel nanofibrous membranes with superb biomolecule adsorption and separation properties. <i>Journal of Colloid and Interface Science</i> , 2017 , 506, 442-451	9.3	23
20	Self-standing Ag ₂ O@YSZ-TiO ₂ p-n nanoheterojunction composite nanofibrous membranes with superior photocatalytic activity. <i>Composites Communications</i> , 2017 , 5, 13-18	6.7	19
19	Corncoblike, Superhydrophobic, and Phase-Changeable Nanofibers for Intelligent Thermoregulating and Water-Repellent Fabrics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 39324-39333	9.5	19
18	Ultrathin Cellulose Voronoi-Nanonet Membranes Enable High-Flux and Energy-Saving Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 31852-31862	9.5	17
17	Stable low resistance air filter under high humidity endowed by self-emission far-infrared for effective PM2.5 capture. <i>Composites Communications</i> , 2017 , 6, 29-33	6.7	17
16	Ultrafine, self-crimp, and electret nano-wool for low-resistance and high-efficiency protective filter media against PM. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 565-573	9.3	16
15	Rechargeable polyamide-based N-halamine nanofibrous membranes for renewable, high-efficiency, and antibacterial respirators. <i>Nanoscale Advances</i> , 2019 , 1, 1948-1956	5.1	15
14	Antibacterial and antiviral N-halamine nanofibrous membranes with nanonet structure for bioprotective applications. <i>Composites Communications</i> , 2021 , 24, 100668	6.7	14
13	Hierarchically maze-like structured nanofiber aerogels for effective low-frequency sound absorption. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 21-28	9.3	11
12	Interlocked Dual-Network and Superelastic Electrospun Fibrous Sponges for Efficient Low-Frequency Noise Absorption. <i>Small Structures</i> , 2020 , 1, 2000004	8.7	9
11	Electrospun regenerated cellulose nanofiber based metal-chelating affinity membranes for protein adsorption. <i>Composites Communications</i> , 2018 , 10, 168-174	6.7	9

10	Superelastic, lightweight, and flame-retardant 3D fibrous sponge fabricated by one-step electrospinning for heat retention. <i>Composites Communications</i> , 2021 , 25, 100681	6.7	8
9	Flexible ceramic nanofibrous sponges with hierarchically entangled graphene networks enable noise absorption. <i>Nature Communications</i> , 2021 , 12, 6599	17.4	7
8	Green and antimicrobial 5-bromosalicylic acid/polyvinyl butyral nanofibrous membranes enable interception-sterilization-integrated bioprotection. <i>Composites Communications</i> , 2021 , 25, 100720	6.7	6
7	Stretchable, tough and elastic nanofibrous hydrogels with dermis-mimicking network structure. <i>Journal of Colloid and Interface Science</i> , 2021 , 582, 387-395	9.3	6
6	Electrospun Fibers for Filtration 2020 , 175-206		4
5	Fire-Resistant and Hierarchically Structured Elastic Ceramic Nanofibrous Aerogels for Efficient Low-Frequency Noise Reduction.. <i>Nano Letters</i> , 2022 ,	11.5	4
4	Gradient structured micro/nanofibrous sponges with superior compressibility and stretchability for broadband sound absorption. <i>Journal of Colloid and Interface Science</i> , 2021 , 593, 59-66	9.3	4
3	Amide-halamine/silica composite nanofibrous membranes with rechargeable chlorination function for mercaptan degradation. <i>Composites Communications</i> , 2021 , 25, 100729	6.7	2
2	Antibacterial and antiviral nanofibrous membranes with renewable oxidative function for high-efficiency and super-throughput water disinfection. <i>Composites Communications</i> , 2021 , 27, 100875	6.7	2
1	Copper hydroxide nanosheets-assembled nanofibrous membranes for anti-biofouling water disinfection.. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 1-8	9.3	0