

# Fuhai Cui

## List of Publications by Year in descending order

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29  
papers

2,375  
citations

279487

23  
h-index

476904

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2965  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multilevel structured polyacrylonitrile/silica nanofibrous membranes for high-performance air filtration. <i>Separation and Purification Technology</i> , 2014, 126, 44-51.	3.9	215
3	Ultra-light 3D nanofibre-nets binary structured nylon 6â€“polyacrylonitrile membranes for efficient filtration of fine particulate matter. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23946-23954.	5.2	153
4	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
5	Synthesis of mesoporous magnetic Fe <sub>3</sub> O <sub>4</sub> @carbon nanofibers utilizing in situ polymerized polybenzoxazine for water purification. <i>Journal of Materials Chemistry</i> , 2012, 22, 4619.	6.7	118
6	Scalable Fabrication of Electrospun Nanofibrous Membranes Functionalized with Citric Acid for High-Performance Protein Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11819-11829.	4.0	106
7	Polyacrylonitrile/polybenzoxazine-based Fe <sub>3</sub> O <sub>4</sub> @carbon nanofibers: hierarchical porous structure and magnetic adsorption property. <i>Journal of Materials Chemistry</i> , 2012, 22, 15919.	6.7	102
8	Optimized colorimetric sensor strip for mercury( <sup>ii</sup> ) assay using hierarchical nanostructured conjugated polymers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 645-652.	5.2	94
9	Amphiphobic fluorinated polyurethane composite microfibrrous membranes with robust waterproof and breathable performances. <i>RSC Advances</i> , 2013, 3, 2248-2255.	1.7	87
10	Conductive and Elastic TiO <sub>2</sub> 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
11	Robust polyacrylonitrile nanofibrous membrane reinforced with jute cellulose nanowhiskers for water purification. <i>Desalination</i> , 2013, 316, 120-126.	4.0	83
12	Highly Carbonylated Cellulose Nanofibrous Membranes Utilizing Maleic Anhydride Grafting for Efficient Lysozyme Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 15658-15666.	4.0	81
13	Flexible ceramic nanofibrous sponges with hierarchically entangled graphene networks enable noise absorption. <i>Nature Communications</i> , 2021, 12, 6599.	5.8	64
14	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
15	Novel fluorinated polyurethane decorated electrospun silica nanofibrous membranes exhibiting robust waterproof and breathable performances. <i>RSC Advances</i> , 2013, 3, 7562.	1.7	45
16	In situ cross-linked and highly carboxylated poly(vinyl alcohol) nanofibrous membranes for efficient adsorption of proteins. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7281-7290.	2.9	41
17	Novel fluorinated polybenzoxazineâ€“silica films: chemical synthesis and superhydrophobicity. <i>RSC Advances</i> , 2012, 2, 12804.	1.7	39
18	Constitution of a visual detection system for lead( <sup>ii</sup> ) on polydiacetyleneâ€“glycine embedded nanofibrous membranes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9722-9730.	5.2	39

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19	N-Halamine Functionalized Electrospun Poly(Vinyl Alcohol-co-Ethylene) Nanofibrous Membranes with Rechargeable Antibacterial Activity for Bioprotective Applications. <i>Advanced Fiber Materials</i> , 2019, 1, 126-136.	7.9	36
20	Electrospun nanofiber-reinforced three-dimensional chitosan matrices: Architectural, mechanical and biological properties. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 416-425.	5.0	36
21	Visible-light-driven, hierarchically heterostructured, and flexible silver/bismuth oxyiodide/titania nanofibrous membranes for highly efficient water disinfection. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 636-646.	5.0	32
22	Interlocked Dual- $\beta$ -Network and Superelastic Electrospun Fibrous Sponges for Efficient Low-Frequency Noise Absorption. <i>Small Structures</i> , 2020, 1, 2000004.	6.9	30
23	In situ green synthesis of rechargeable antibacterial N-halamine grafted poly(vinyl alcohol) nanofibrous membranes for food packaging applications. <i>Composites Communications</i> , 2020, 17, 147-153.	3.3	25
24	Bioinspired sequentially crosslinked nanofibrous hydrogels with robust adhesive and stretchable capability for joint wound dressing. <i>Composites Communications</i> , 2021, 26, 100785.	3.3	25
25	Nanoparticle-doped polystyrene/polyacrylonitrile nanofiber membrane with hierarchical structure as promising protein hydrophobic interaction chromatography media. <i>Composites Communications</i> , 2019, 16, 33-40.	3.3	16
26	Stretchable and resilient fibrous sponges tailored by interlocking double-network for warmth retention. <i>Composites Communications</i> , 2021, 27, 100788.	3.3	12
27	Super-Elastic Fluorinated Polyurethane Nanofibrous Membranes with Simultaneously Waterproof and Breathable Performance. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5557-5565.	2.0	11
28	Smart Interfacing between Co-Fe Layered Double Hydroxide and Graphitic Carbon Nitride for High-Efficiency Electrocatalytic Nitrogen Reduction. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	4
29	Conductive and Elastic TiO <sub>2</sub> Nanofibrous Aerogels: A New Concept toward Self-Supported Electrocatalysts with Superior Activity and Durability. <i>Angewandte Chemie</i> , 2020, 132, 23452-23460.	1.6	3