

# Xiaoming Qian

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

186  
citations

1478505

6  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of thermal resistance prediction model and measurement of thermal resistance of clothing under fully wet conditions. <i>Textile Research Journal</i> , 2023, 93, 911-924.	2.2	5
2	Preparation and properties of fluffy high-shrinkage polyester/polyamide 6 hollow segmented pie microfiber nonwovens. <i>Textile Research Journal</i> , 2022, 92, 3221-3233.	2.2	2
3	Preparation and properties of wormwood extract/viscose spunlaced nonwovens. <i>Journal of the Textile Institute</i> , 2021, 112, 709-717.	1.9	4
4	Decorating a Loose Defect-free Hybrid Selective Layer on a Smooth Intermediary: An Effective Way for Unexpected Performances of Nanofiber-based Forward Osmosis Membranes. <i>ChemNanoMat</i> , 2021, 7, 184-199.	2.8	4
5	Evaluating the influential factors for life preserver donning tests. <i>PLoS ONE</i> , 2021, 16, e0246705.	2.5	1
6	Constructing dense and hydrophilic forward osmosis membrane by cross-linking reaction of graphene quantum dots with monomers for enhanced selectivity and stability. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 486-499.	9.4	29
7	Probing the Effective Diffusion Coefficient and Filtration Performance of Micro/Nanofibrous Composite Layered Filters. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 7301-7310.	3.7	6
8	Characterization on Modification and Biocompatibility of PCL Scaffold Prepared with Near-field Direct-writing Melt Electrospinning. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 578-583.	2.6	4
9	Theoretical Model of Single Fiber Efficiency and the Effect of Microstructure on Fibrous Filtration Performance: A Review. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 3-36.	3.7	32
10	Analysis of Mg <sup>2+</sup> /Li <sup>+</sup> separation mechanism by charged nanofiltration membranes: visual simulation. <i>Nanotechnology</i> , 2021, 32, 085703.	2.6	7
11	An environmentally friendly fluorine-free sandwich coating based on a nonwoven fabric for efficient unidirectional water transport. <i>Chemical Communications</i> , 2021, 57, 12623-12626.	4.1	8
12	Surface modification of ES fibres: the controllability of fold structure and its effect on hydrophilicity. <i>Surface Engineering</i> , 2021, 37, 1596-1605.	2.2	0
13	Dual-Role Mechanism of Dimethyl Sulfone in the Preparation of Surface Layer Membrane of Superfine Fiber Veneer Synthetic Leather. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 17259-17267.	3.7	1
14	Electrospun polyimide nanofibrous membranes for absorption of oil spills. <i>Journal of Industrial Textiles</i> , 2020, 50, 584-595.	2.4	5
15	Review: applications, effects and the prospects for electrospun nanofibrous mats in membrane separation. <i>Journal of Materials Science</i> , 2020, 55, 893-924.	3.7	51
16	Improvement of PVDF nanofiltration membrane potential, separation and anti-fouling performance by electret treatment. <i>Science of the Total Environment</i> , 2020, 722, 137816.	8.0	12
17	Computing Pore Size Distribution in Non-woven Fibrous Filter Media. <i>Fibers and Polymers</i> , 2020, 21, 196-203.	2.1	8
18	Numerical simulation analysis of the influence of ultra-fine glass fiber production process on product homogeneity. <i>Journal of Industrial Textiles</i> , 2020, , 152808372091254.	2.4	1

#	ARTICLE	IF	CITATIONS
19	Preparation and properties of eccentric hollow fiber nonwovens for acquisition distribution layer. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501988549.	1.0	6
20	Influence of quadrat characteristics on the evolution of the dispersion effect for fiberâ€™water dispersions. Textile Reseach Journal, 0, , 004051752110642.	2.2	0