Xiaoming Qian

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2184727/publications.pdf

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20	186	1478505 6	1125743 13
papers	citations	h-index	g-index

20	20	20	171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review: applications, effects and the prospects for electrospun nanofibrous mats in membrane separation. Journal of Materials Science, 2020, 55, 893-924.	3.7	51
2	Theoretical Model of Single Fiber Efficiency and the Effect of Microstructure on Fibrous Filtration Performance: A Review. Industrial & Engineering Chemistry Research, 2021, 60, 3-36.	3.7	32
3	Constructing dense and hydrophilic forward osmosis membrane by cross-linking reaction of graphene quantum dots with monomers for enhanced selectivity and stability. Journal of Colloid and Interface Science, 2021, 589, 486-499.	9.4	29
4	Improvement of PVDF nanofiltration membrane potential, separation and anti-fouling performance by electret treatment. Science of the Total Environment, 2020, 722, 137816.	8.0	12
5	Computing Pore Size Distribution in Non-woven Fibrous Filter Media. Fibers and Polymers, 2020, 21, 196-203.	2.1	8
6	An environmentally friendly fluorine-free sandwich coating based on a nonwoven fabric for efficient unidirectional water transport. Chemical Communications, 2021, 57, 12623-12626.	4.1	8
7	Analysis of Mg2+/Li+ separation mechanism by charged nanofiltration membranes: visual simulation. Nanotechnology, 2021, 32, 085703.	2.6	7
8	Preparation and properties of eccentric hollow fiber nonwovens for acquisition distribution layer. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501988549.	1.0	6
9	Probing the Effective Diffusion Coefficient and Filtration Performance of Micro/Nanofibrous Composite Layered Filters. Industrial & Engineering Chemistry Research, 2021, 60, 7301-7310.	3.7	6
10	Electrospun polyimide nanofibrous membranes for absorption of oil spills. Journal of Industrial Textiles, 2020, 50, 584-595.	2.4	5
11	Development of thermal resistance prediction model and measurement of thermal resistance of clothing under fully wet conditions. Textile Reseach Journal, 2023, 93, 911-924.	2.2	5
12	Preparation and properties of wormwood extract/viscose spunlaced nonwovens. Journal of the Textile Institute, 2021, 112, 709-717.	1.9	4
13	Decorating a Loose Defectâ€free Hybrid Selective Layer on a Smooth Intermediary: An Effective Way for Unexpected Performances of Nanofiberâ€based Forward Osmosis Membranes. ChemNanoMat, 2021, 7, 184-199.	2.8	4
14	Characterization on Modification and Biocompatibility of PCL Scaffold Prepared with Near-field Direct-writing Melt Electrospinning. Chemical Research in Chinese Universities, 2021, 37, 578-583.	2.6	4
15	Preparation and properties of fluffy high-shrinkage polyester/polyamide 6 hollow segmented pie microfiber nonwovens. Textile Reseach Journal, 2022, 92, 3221-3233.	2.2	2
16	Numerical simulation analysis of the influence of ultra-fine glass fiber production process on product homogeneity. Journal of Industrial Textiles, 2020, , 152808372091254.	2.4	1
17	Evaluating the influential factors for life preserver donning tests. PLoS ONE, 2021, 16, e0246705.	2.5	1
18	Dual-Role Mechanism of Dimethyl Sulfone in the Preparation of Surface Layer Membrane of Superfine Fiber Veneer Synthetic Leather. Industrial & Engineering Chemistry Research, 2021, 60, 17259-17267.	3.7	1

#	Article	IF	Citations
19	Surface modification of ES fibres: the controllability of fold structure and its effect on hydrophilicity. Surface Engineering, 2021, 37, 1596-1605.	2.2	0
20	Influence of quadrat characteristics on the evolution of the dispersion effect for fiberâ€“water dispersions. Textile Reseach Journal, 0, , 004051752110642.	2.2	0