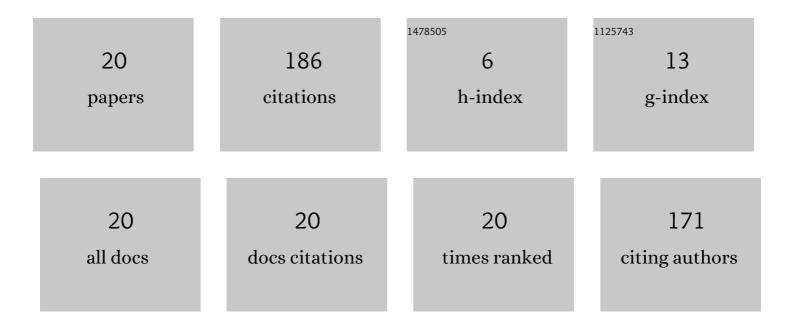
Xiaoming Qian

List of Publications by Year in descending order

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| # | 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 & amp; 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 & Amp: 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 fiber–water dispersions. Textile Reseach Journal, 0, , 004051752110642. | 2.2 | 0 |