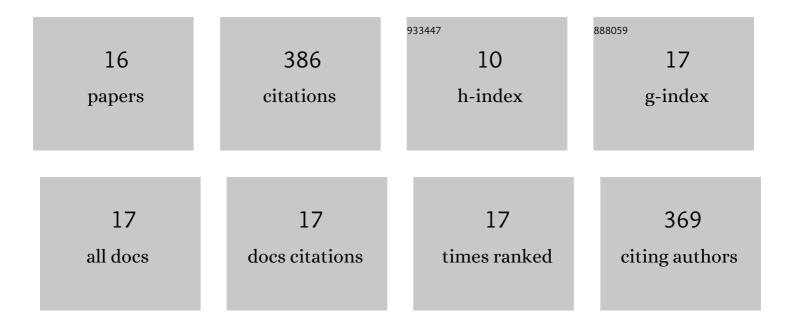
## Xiaoming Qian

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3188828/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Easily splittable hollow segmented-pie microfiber nonwoven material with excellent filtration and thermal-wet comfort for energy savings. Journal of Materials Research and Technology, 2022, 17, 876-887.	5.8	6
2	Micro/nano microfiber synthetic leather base with different nanofiber diameters. Journal of Industrial Textiles, 2021, 50, 1127-1142.	2.4	10
3	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
4	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
5	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
6	Electrospun polyimide nanofibrous membranes for absorption of oil spills. Journal of Industrial Textiles, 2020, 50, 584-595.	2.4	5
7	Micro-scale layered structural filtration efficiency model: Probing filtration properties of non-uniform fibrous filter media. Separation and Purification Technology, 2020, 236, 116037.	7.9	22
8	Hierarchical micro/nanofibrous filter for effective fine-particle capture. Powder Technology, 2020, 360, 1192-1199.	4.2	21
9	High-performance forward osmosis membrane with ultra-fast water transport channel and ultra-thin polyamide layer. Journal of Membrane Science, 2020, 616, 118611.	8.2	56
10	Preparing micro/nano-fibrous filters for effective PM 2.5 under low filtration resistance. Chemical Engineering Science, 2020, 217, 115523.	3.8	26
11	Computing Pore Size Distribution in Non-woven Fibrous Filter Media. Fibers and Polymers, 2020, 21, 196-203.	2.1	8
12	The Application of Hollow Segmented Pie Bicomponent Spunbond Hydro-Entangled Microfiber Nonwovens for Microfiber Synthetic Leather Apparel. AATCC Journal of Research, 2019, 6, 45-49.	0.6	10
13	Preparation of high-performance microfiber synthetic leather base using thermoplastic polyurethane/sulfonated polysulfone electrospun nanofibers. Textile Reseach Journal, 2019, 89, 2813-2820.	2.2	12
14	High flux and rejection of hierarchical composite membranes based on carbon nanotube network and ultrathin electrospun nanofibrous layer for dye removal. Journal of Membrane Science, 2017, 535, 94-102.	8.2	67
15	Inverse Problem of Air Filtration of Nanoparticles: Optimal Quality Factors of Fibrous Filters. Journal of Nanomaterials, 2015, 2015, 1-11.	2.7	16
16	Filtration Efficiency of Non-Uniform Fibrous Filters. Aerosol Science and Technology, 2015, 49, 912-919.	3.1	24