

Heng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

192
citations

1163117

8
h-index

1058476

14
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16
all docs

16
docs citations

16
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step melt blowing process for PP/PEG micro-nanofiber filters with branch networks. Results in Physics, 2019, 12, 1421-1428.	4.1	28
2	Preparing micro/nano-fibrous filters for effective PM 2.5 under low filtration resistance. Chemical Engineering Science, 2020, 217, 115523.	3.8	26
3	Filtration Efficiency of Non-Uniform Fibrous Filters. Aerosol Science and Technology, 2015, 49, 912-919.	3.1	24
4	Groove-shaped polypropylene/polyester micro/nanofibrous nonwoven with enhanced oil wetting capability for high oil/water separation. Polymer, 2020, 193, 122356.	3.8	18
5	Facile Preparation of Hydrophobic PLA/PBE Micro-Nanofiber Fabrics via the Melt-Blown Process for High-Efficacy Oil/Water Separation. Polymers, 2022, 14, 1667.	4.5	16
6	Polypropylene/polyester composite micro/nano-fabrics with linear valley-like surface structure for high oil absorption. Materials Letters, 2020, 261, 127009.	2.6	13
7	Large-scale preparation of polylactic acid/polyethylene glycol micro/nanofiber fabrics with aligned fibers via a post-drafting melt blown process. Journal of Polymer Research, 2022, 29, .	2.4	12
8	Polypropylene-secondary alkane sulfonate micro/nanofibrous fabrics with aligned fibers for enhanced anisotropic wetting performances. Applied Surface Science, 2022, 583, 152486.	6.1	9
9	Facile Preparation of PET/PA6 Bicomponent Microfilament Fabrics with Tunable Porosity for Comfortable Medical Protective Clothing. ACS Applied Bio Materials, 2022, 5, 3509-3518.	4.6	9
10	Tailoring the softness performance of polyethylene/polypropylene micro-nanofibrous fabrics for skin contacts. Journal of Applied Polymer Science, 2022, 139, 51530.	2.6	8
11	Wettability Gradient-Structured Bicomponent Polylactic Acid-Viscose Composite Fabrics with Enhanced Asymmetric Water Penetration Characteristics. ACS Applied Polymer Materials, 2021, 3, 3354-3362.	4.4	7
12	Facile fabrication of polylactic acid/polyethylene glycol micro-nano fabrics with aligned fibrous roughness for enhancing liquid anisotropic wetting performance via double-stage drafting melt blowing process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129174.	4.7	7
13	Fluffy Polypropylene-Polyethylene glycol fabrics with branched micro- and nanofibrous structures for rapid liquid transport. Polymer Testing, 2020, 83, 106310.	4.8	5
14	Branched polyethylene glycol/polypropylene micro-nanofiber nonwovens for fast liquid planar transmission. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501985079.	1.0	4
15	Binary Structured Polypropylene/Polyethylene Glycol Micro-nanofibrous Membranes with Enhanced Water and Air Permeability. Fibers and Polymers, 2021, 22, 69-76.	2.1	3
16	Binary structured polypropylene-/propylene-based elastomer fibrous membranes with enhanced flexibility. Journal of Industrial Textiles, 2022, 51, 1431-1444.	2.4	3