

Heng Zhang

List of Publications by Year in descending order

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papers

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1163117

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