

# Shuhao Qin

## List of Publications by Year in descending order

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25  
papers

463  
citations

758635

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h-index

713013

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25  
docs citations

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times ranked

477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and performance of polymer electrolyte based on poly(vinylidene fluoride)/polysulfone blend membrane via thermally induced phase separation process for lithium ion battery. <i>Journal of Power Sources</i> , 2014, 266, 401-413.	4.0	81
2	Fabrication of highly permeable PVDF loose nanofiltration composite membranes for the effective separation of dye/salt mixtures. <i>Journal of Membrane Science</i> , 2021, 621, 118951.	4.1	66
3	Fabrication of PVDF-based blend membrane with a thin hydrophilic deposition layer and a network structure supporting layer via the thermally induced phase separation followed by non-solvent induced phase separation process. <i>Applied Surface Science</i> , 2017, 419, 429-438.	3.1	52
4	Phase-change smart lines based on paraffin-expanded graphite/polypropylene hollow fiber membrane composite phase change materials for heat storage. <i>Energy</i> , 2020, 197, 117252.	4.5	43
5	Shape stabilization, thermal energy storage behavior and thermal conductivity enhancement of flexible paraffin/MWCNTs/PP hollow fiber membrane composite phase change materials. <i>Journal of Materials Science</i> , 2018, 53, 15500-15513.	1.7	29
6	Microstructure construction of polypropylene-based hollow fiber membranes with bimodal microporous structure for water flux enhancement and rejection performance retention. <i>Separation and Purification Technology</i> , 2019, 213, 328-338.	3.9	22
7	Influence of Grafting Degree on the Morphology and Mechanical Properties of PA6/POE-g-GMA Blends. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 28-34.	1.9	17
8	Fabrication of antifouling polypropylene hollow fiber membrane breaking through the selectivity-permeability trade-off. <i>European Polymer Journal</i> , 2018, 105, 469-477.	2.6	17
9	Microstructure manipulation in PVDF/styrene-maleic anhydride copolymer composite membranes: Effects of miscibility on the phase separation. <i>Separation and Purification Technology</i> , 2021, 263, 118371.	3.9	16
10	Preparation and Performance of Antibacterial Polyvinyl Alcohol/Polyethylene Glycol/Chitosan Hydrogels Containing Silver Chloride Nanoparticles via One-step Method. <i>Nanomaterials</i> , 2019, 9, 972.	1.9	15
11	Polypropylene composite hollow fiber ultrafiltration membranes with an acrylic hydrogel surface by <i>in situ</i> ultrasonic wave-assisted polymerization for dye removal. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47099.	1.3	13
12	Superhydrophilic membranes produced by biomimetic mineralization for water treatment. <i>Journal of Materials Science</i> , 2021, 56, 1347-1358.	1.7	13
13	Construction and Design of Paraffin/PVDF Hollow Fiber Linear-Phase Change Energy Storage Materials. <i>Energy &amp; Fuels</i> , 2019, 33, 11584-11591.	2.5	12
14	Antifouling poly(vinylidene fluoride) hollow fiber membrane with hydrophilic surfaces by ultrasonic wave-assisted graft polymerization. <i>Polymer Engineering and Science</i> , 2019, 59, E446.	1.5	12
15	The hydrophilic polypropylene/poly(ethylene-co-vinyl alcohol) hollow fiber membrane with bimodal microporous structure prepared by melt-spinning and stretching. <i>Separation and Purification Technology</i> , 2021, 274, 118890.	3.9	10
16	Structure and properties of nano-hydroxyapatite/poly(butylene succinate) porous scaffold for bone tissue engineering prepared by using ethanol as porogen. <i>Journal of Biomaterials Applications</i> , 2019, 33, 776-791.	1.2	8
17	Fabrication of a novel hollow fiber composite membrane with a double-layer structure for enhanced water treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 597, 124788.	2.3	8
18	Fabrication of superhydrophilic PVDF hollow fiber membranes with a fish-scale surface for water treatment. <i>Reactive and Functional Polymers</i> , 2019, 143, 104330.	2.0	7

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19	Effect of LiCl on the miscibility and crystallization behavior of a hydrophilic PP/PP-g-MAH/PA6 blend. Journal of Polymer Research, 2015, 22, 1.	1.2	6
20	Synergistic effect of styrene and zinc dimethyldithiocarbamate on the properties of high melt strength polypropylene. Journal of Vinyl and Additive Technology, 2018, 24, 13-17.	1.8	4
21	Melt grafting copolymerization of glycidyl methacrylate onto acrylonitrile-butadiene-styrene (ABS) terpolymer. Science and Engineering of Composite Materials, 2015, 22, .	0.6	3
22	Interface engineering of polypropylene hollow fiber membrane through ultrasonic capillary effect and nucleophilic substitution. Polymers for Advanced Technologies, 2018, 29, 3125-3133.	1.6	3
23	Improving the antifouling property of polypropylene hollow fiber membranes by <i>in situ</i> ultrasonic wave-assisted polymerization of styrene and maleic anhydride. Polymer Engineering and Science, 2019, 59, E51.	1.5	2
24	Constructing Microstructures of Chlorinated Polyvinyl Chloride Microporous Membranes by Non-solvent Induced Phase Separation for High Permeate Flux and Rejection Performance. Fibers and Polymers, 2021, 22, 1189-1199.	1.1	2
25	Structure Regulation of Polypropylene/Poly(ethylene-co-vinyl alcohol) Hollow Fiber Membranes with a Bimodal Microporous Structure Prepared by Melt-Spinning and Stretching: The Role of Melt-Draw Ratio. Industrial & Engineering Chemistry Research, 2021, 60, 13674-13683.	1.8	2