

# Shuhao Qin

## List of Publications by Year in descending order

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36  
papers

390  
citations

840776

11  
h-index

839539

18  
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36  
all docs

36  
docs citations

36  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of fiber length and dispersion on properties of long glass fiber reinforced thermoplastic composites based on poly(butylene terephthalate). RSC Advances, 2017, 7, 15439-15454.	3.6	47
2	Phase-change smart lines based on paraffin-expanded graphite/polypropylene hollow fiber membrane composite phase change materials for heat storage. Energy, 2020, 197, 117252.	8.8	43
3	Shape stabilization, thermal energy storage behavior and thermal conductivity enhancement of flexible paraffin/MWCNTs/PP hollow fiber membrane composite phase change materials. Journal of Materials Science, 2018, 53, 15500-15513.	3.7	29
4	Interface Engineering Based on Polydopamine-Assisted Metallization in Highly Thermal Conductive Cellulose/Nanodiamonds Composite Paper. ACS Sustainable Chemistry and Engineering, 2020, 8, 17639-17650.	6.7	26
5	Microstructure construction of polypropylene-based hollow fiber membranes with bimodal microporous structure for water flux enhancement and rejection performance retention. Separation and Purification Technology, 2019, 213, 328-338.	7.9	22
6	Fabrication of antifouling polypropylene hollow fiber membrane breaking through the selectivity-permeability trade-off. European Polymer Journal, 2018, 105, 469-477.	5.4	17
7	Effects of annealing stress field on the structure and properties of polypropylene hollow fiber membranes made by stretching. RSC Advances, 2016, 6, 4271-4279.	3.6	16
8	Flame retardant and thermal decomposition mechanism of poly(butylene terephthalate)/DOPO-HQ composites. Polymer Composites, 2019, 40, 974-985.	4.6	14
9	Influence of Thermo-Oxidative Ageing on the Thermal and Dynamical Mechanical Properties of Long Glass Fibre-Reinforced Poly(Butylene Terephthalate) Composites Filled with DOPO. Materials, 2017, 10, 500.	2.9	13
10	<i>In situ</i> fibrillation of poly(trimethylene terephthalate) in polyolefin elastomer through multistage stretching extrusion. Journal of Applied Polymer Science, 2016, 133, .	2.6	12
11	Study on dynamic mechanical, thermal, and mechanical properties of long glass fiber reinforced thermoplastic polyurethane/poly(butylene terephthalate) composites. Polymer Composites, 2018, 39, 63-72.	4.6	12
12	Construction and Design of Paraffin/PVDF Hollow Fiber Linear-Phase Change Energy Storage Materials. Energy & Fuels, 2019, 33, 11584-11591.	5.1	12
13	Antifouling poly(vinylidene fluoride) hollow fiber membrane with hydrophilic surfaces by ultrasonic wave-assisted graft polymerization. Polymer Engineering and Science, 2019, 59, E446.	3.1	12
14	Influence of thermooxidative aging on the static and dynamic mechanical properties of long glass fiber reinforced polyamide 6 composites. Journal of Applied Polymer Science, 2014, 131, .	2.6	10
15	The hydrophilic polypropylene/poly(ethylene-co-vinyl alcohol) hollow fiber membrane with bimodal microporous structure prepared by melt-spinning and stretching. Separation and Purification Technology, 2021, 274, 118890.	7.9	10
16	Fabrication of reinforced and toughened PC/PMMA composites by tuning the migration and selective location of graphenes during melt blending. RSC Advances, 2020, 10, 28527-28535.	3.6	9
17	Flexure-resistant and additive-free poly(L-lactic acid) hydrophobic membranes fabricated by slow phase separation. International Journal of Biological Macromolecules, 2022, 209, 1605-1612.	7.5	9
18	Effect of Intercalation Method and Intercalating Agent Type on the Structure of Silane-Grafted Montmorillonite. Clays and Clay Minerals, 2013, 61, 580-589.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Preparation and properties of polylactide/hydroxyapatite/polydopamine composites. <i>Polymer Engineering and Science</i> , 2018, 58, 2256-2263.	3.1	8
20	Preparation and Comparison of Properties of Three Phase Change Energy Storage Materials with Hollow Fiber Membrane as the Supporting Carrier. <i>Polymers</i> , 2019, 11, 1343.	4.5	8
21	Effect of silane functionalized graphene prepared by a supercritical carbon dioxide process on the barrier properties of polyethylene terephthalate composite films. <i>RSC Advances</i> , 2019, 9, 21903-21910.	3.6	8
22	Synthesis of Negatively Charged Polyol-Functional PSF Membranes with Good Hydrophilic and Efficient Boron Removal Properties. <i>Polymers</i> , 2019, 11, 780.	4.5	8
23	Performance of long glass fiber reinforced polypropylene composites at different injection temperature. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, 233-238.	3.4	7
24	Controllable surficial and internal hierarchical structures of porous poly (L-lactic acid) membranes for hydrophobicity and potential application in oil-water separation. <i>Surfaces and Interfaces</i> , 2021, 24, 101147.	3.0	6
25	Effect of Surfactant Concentration on Thermal and Mechanical Properties of Poly(Butylene) Terephthalate Reinforced Polypropylene Composites. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, E48.	3.0	4
26	Effects of compatilizers on mechanical, morphology and dynamic mechanical properties of LGF/TPU/SAN composites. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, E48.	3.4	4
27	Rheology characterization, dynamic mechanical, thermal, and mechanical properties of LGF/TPU/PBT/PTW composites. <i>Polymer Composites</i> , 2018, 39, 794-806.	4.6	3
28	Interface engineering of polypropylene hollow fiber membrane through ultrasonic capillary effect and nucleophilic substitution. <i>Polymers for Advanced Technologies</i> , 2018, 29, 3125-3133.	3.2	3
29	Influences of poly(ethylene glycol-co-butylacrylate-co-glycidyl methacrylate copolymer) on rheology characterization, morphology, dynamic mechanical, thermal, and mechanical properties of long glass fibers reinforced poly(butylene terephthalate) composites. <i>Polymer Composites</i> , 2018, 39, E1354.	4.6	2
30	Improving the antifouling property of polypropylene hollow fiber membranes by <i>in situ</i> ultrasonic wave assisted polymerization of styrene and maleic anhydride. <i>Polymer Engineering and Science</i> , 2019, 59, E51.	3.1	2
31	Constructing Microstructures of Chlorinated Polyvinyl Chloride Microporous Membranes by Non-solvent Induced Phase Separation for High Permeate Flux and Rejection Performance. <i>Fibers and Polymers</i> , 2021, 22, 1189-1199.	2.1	2
32	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. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 13674-13683.	3.7	2
33	Preparation and Finite Element Analysis of Fly Ash/HDPE Composites for Large Diameter Bellows. <i>Polymers</i> , 2021, 13, 4204.	4.5	2
34	The combined plasticization of jute and tung oil anhydride for jute fiber reinforced poly(lactic acid) composites. <i>Polymers and Polymer Composites</i> , 0, , 096739112110576.	1.9	0
35	Crystalline Characteristic Effect of In Situ Interaction between ZnO and Pht on Inducing $\beta$ Nucleation of Isotactic Polypropylene. <i>Polymer Crystallization</i> , 2022, 2022, 1-12.	0.8	0
36	Preparation of polyamide 12 powder for additive manufacturing applications via thermally induced phase separation. <i>E-Polymers</i> , 2022, 22, 553-565.	3.0	0