

# Yizhou Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7396147/publications.pdf>

Version: 2024-02-01

11  
papers

497  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

786  
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise nanofiltration in a fouling-resistant self-assembled membrane with water-continuous transport pathways. <i>Science Advances</i> , 2019, 5, eaav9308.	10.3	79
2	Nanoporous membranes generated from self-assembled block polymer precursors: <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	72
3	Fit-for-purpose block polymer membranes molecularly engineered for water treatment. <i>Npj Clean Water</i> , 2018, 1, .	8.0	72
4	Block Polymer Membranes Functionalized with Nanoconfined Polyelectrolyte Brushes Achieve Sub-Nanometer Selectivity. <i>ACS Macro Letters</i> , 2017, 6, 726-732.	4.8	63
5	Facile Synthesis of a Pentiptycene-Based Highly Microporous Organic Polymer for Gas Storage and Water Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15174-15182.	8.0	57
6	High-Affinity Detection and Capture of Heavy Metal Contaminants using Block Polymer Composite Membranes. <i>ACS Central Science</i> , 2018, 4, 1697-1707.	11.3	56
7	Rapid Fabrication by Lyotropic Self-Assembly of Thin Nanofiltration Membranes with Uniform 1 Nanometer Pores. <i>ACS Nano</i> , 2021, 15, 8192-8203.	14.6	33
8	Nanomanufacturing of high-performance hollow fiber nanofiltration membranes by coating uniform block polymer films from solution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3358-3370.	10.3	27
9	Tunable organic solvent nanofiltration in self-assembled membranes at the sub-1 nm scale. <i>Science Advances</i> , 2022, 8, eabm5899.	10.3	16
10	Recent Advances in the Genomic Profiling of Bacterial Epigenetic Modifications. <i>Biotechnology Journal</i> , 2019, 14, e1800001.	3.5	14
11	Resilient hollow fiber nanofiltration membranes fabricated from crosslinkable phase-separated copolymers. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 943-953.	3.4	8