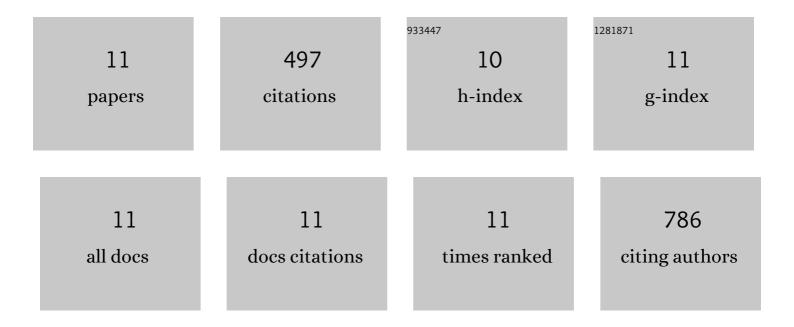
Yizhou Zhang

List of Publications by Year in descending order

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Υιζηση ζηνης

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