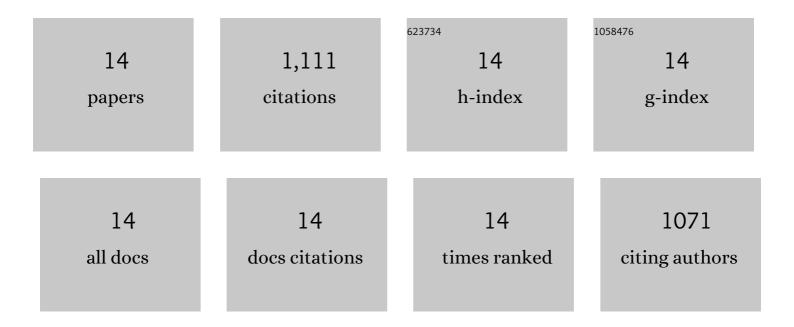
## Yanqiu Zhang

List of Publications by Year in descending order

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ΥλΝΟΙΙΙ ΖΗΛΝΟ

#	Article	IF	CITATIONS
1	Monovalent Cation Exchange Membranes with Janus Charged Structure for Ion Separation. Engineering, 2023, 25, 204-213.	6.7	17
2	Hydrophilic modification of poly(aryl sulfone) membrane materials toward highly-efficient environmental remediation. Frontiers of Chemical Science and Engineering, 2022, 16, 614-633.	4.4	19
3	Recent progress in PIM-1 based membranes for sustainable CO2 separations: Polymer structure manipulation and mixed matrix membrane design. Separation and Purification Technology, 2022, 284, 120277.	7.9	64
4	Mussel-inspired tannic acid/polyethyleneimine assembling positively-charged membranes with excellent cation permselectivity. Science of the Total Environment, 2022, 817, 153051.	8.0	44
5	Symbiosis-inspired de novo synthesis of ultrahigh MOF growth mixed matrix membranes for sustainable carbon capture. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	99
6	Metal-organophosphate biphasic interfacial coordination reaction synthesizing nanofiltration membranes with the ultrathin selective layer, excellent acid-resistance and antifouling performance. Journal of Membrane Science, 2022, 653, 120521.	8.2	48
7	Recent advances in monovalent ion selective membranes towards environmental remediation and energy harvesting. Separation and Purification Technology, 2022, 297, 121520.	7.9	22
8	Molecularly soldered covalent organic frameworks for ultrafast precision sieving. Science Advances, 2021, 7, .	10.3	185
9	Ultra-thin trinity coating enabled by competitive reactions for unparalleled molecular separation. Journal of Materials Chemistry A, 2020, 8, 5078-5085.	10.3	103
10	Rational design of poly(ethylene oxide) based membranes for sustainable CO <sub>2</sub> capture. Journal of Materials Chemistry A, 2020, 8, 24233-24252.	10.3	94
11	Robust natural nanocomposites realizing unprecedented ultrafast precise molecular separations. Materials Today, 2020, 36, 40-47.	14.2	180
12	Multifunctional Core–Shell Zwitterionic Nanoparticles To Build Robust, Stable Antifouling Membranes via Magnetic-Controlled Surface Segregation. ACS Applied Materials & Interfaces, 2019, 11, 35501-35508.	8.0	52
13	Supramolecular chemistry assisted construction of ultra-stable solvent-resistant membranes for angstrom-sized molecular separation. Chemical Engineering Journal, 2019, 371, 535-543.	12.7	91
14	Building Additional Passageways in Polyamide Membranes with Hydrostable Metal Organic Frameworks To Recycle and Remove Organic Solutes from Various Solvents. ACS Applied Materials & Interfaces, 2017, 9, 38877-38886.	8.0	93