

# Sainan Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11602872/publications.pdf>

Version: 2024-02-01

10  
papers

1,056  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobic-ZIF-71 filled PEBA mixed matrix membranes for recovery of biobutanol via pervaporation. <i>Journal of Membrane Science</i> , 2013, 446, 181-188.	8.2	232
2	Improved performance of PDMS/ceramic composite pervaporation membranes by ZSM-5 homogeneously dispersed in PDMS via a surface graft/coating approach. <i>Chemical Engineering Journal</i> , 2011, 174, 495-503.	12.7	165
3	A facile way to prepare ceramic-supported graphene oxide composite membrane via silane-graft modification. <i>Applied Surface Science</i> , 2014, 307, 631-637.	6.1	159
4	High performance ceramic hollow fiber supported PDMS composite pervaporation membrane for bio-butanol recovery. <i>Journal of Membrane Science</i> , 2014, 450, 38-47.	8.2	136
5	Synthesis of zeolitic imidazolate framework-78 molecular-sieve membrane: defect formation and elimination. <i>Journal of Materials Chemistry</i> , 2012, 22, 19222.	6.7	134
6	Fabrication of MOFs/PEBA mixed matrix membranes and their application in bio-butanol production. <i>Separation and Purification Technology</i> , 2014, 133, 40-47.	7.9	69
7	PDMS/ceramic composite membrane for pervaporation separation of acetone-butanol-ethanol (ABE) aqueous solutions and its application in intensification of ABE fermentation process. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 86, 162-172.	3.6	64
8	Preparation of novel metal-carboxylate system MOF membrane for gas separation. <i>Separation and Purification Technology</i> , 2013, 119, 94-101.	7.9	43
9	Ceramic Supported PDMS and PEGDA Composite Membranes for CO <sub>2</sub> Separation. <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 348-356.	3.5	33
10	Highly gas permeable, ultrathin Teflon AF2400/ $\gamma$ -alumina composite hollow fiber membranes for dissolved gas analysis. <i>Journal of Membrane Science</i> , 2017, 540, 243-250.	8.2	21