

Yue Cui

List of Publications by Year in descending order

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15
papers

1,191
citations

623574

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1058333

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all docs

15
docs citations

15
times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured Membranes for Enhanced Forward Osmosis and Pressure-Retarded Osmosis. , 2020, , 373-394.		7
2	Solvent Recovery via Organic Solvent Pressure Assisted Osmosis. Industrial & Engineering Chemistry Research, 2019, 58, 4970-4978.	1.8	16
3	Hydrophobic Perfluoropolyether-Coated Thin-Film Composite Membranes for Organic Solvent Nanofiltration. ACS Applied Polymer Materials, 2019, 1, 472-481.	2.0	26
4	Pharmaceutical concentration using organic solvent forward osmosis for solvent recovery. Nature Communications, 2018, 9, 1426.	5.8	109
5	Graphene oxide (GO) laminar membranes for concentrating pharmaceuticals and food additives in organic solvents. Carbon, 2018, 130, 503-514.	5.4	84
6	Organic solvent nanofiltration (OSN) membranes made from plasma grafting of polyethylene glycol on cross-linked polyimide ultrafiltration substrates. Journal of Membrane Science, 2018, 565, 169-178.	4.1	74
7	Ultrathin Polyamide Membranes Fabricated from Free-Standing Interfacial Polymerization: Synthesis, Modifications, and Post-treatment. Industrial & Engineering Chemistry Research, 2017, 56, 513-523.	1.8	63
8	Molecular Design of Nanofiltration Membranes for the Recovery of Phosphorus from Sewage Sludge. ACS Sustainable Chemistry and Engineering, 2016, 4, 5570-5577.	3.2	44
9	Removal of organic micro-pollutants (phenol, aniline and nitrobenzene) via forward osmosis (FO) process: Evaluation of FO as an alternative method to reverse osmosis (RO). Water Research, 2016, 91, 104-114.	5.3	99
10	Evaluation of hydroacid complex in the forward osmosis membrane distillation (FO-MD) system for desalination. Journal of Membrane Science, 2015, 494, 1-7.	4.1	43
11	What is next for forward osmosis (FO) and pressure retarded osmosis (PRO). Separation and Purification Technology, 2015, 156, 856-860.	3.9	131
12	Novel Nanofiltration Membranes Consisting of a Sulfonated Pentablock Copolymer Rejection Layer for Heavy Metal Removal. Environmental Science & Technology, 2014, 48, 13880-13887.	4.6	135
13	Enhanced osmotic energy generation from salinity gradients by modifying thin film composite membranes. Chemical Engineering Journal, 2014, 242, 195-203.	6.6	122
14	Novel forward osmosis process to effectively remove heavy metal ions. Journal of Membrane Science, 2014, 467, 188-194.	4.1	192
15	Micro-morphology and formation of layer-by-layer membranes and their performance in osmotically driven processes. Chemical Engineering Science, 2013, 101, 13-26.	1.9	46