Yuqing Lin

List of Publications by Year in descending order

27 papers	837 citations	393982 19 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	628 citing authors

#	Article	IF	Citations
1	Development of Janus membrane with controllable asymmetric wettability for highly-efficient oil/water emulsions separation. Journal of Membrane Science, 2020, 606, 118141.	4.1	63
2	Biocatalytic PVDF composite hollow fiber membranes for CO2 removal in gas-liquid membrane contactor. Journal of Membrane Science, 2019, 572, 532-544.	4.1	52
3	Engineering Heterostructured Thin-Film Nanocomposite Membrane with Functionalized Graphene Oxide Quantum Dots (GOQD) for Highly Efficient Reverse Osmosis. ACS Applied Materials & Interfaces, 2020, 12, 38662-38673.	4.0	51
4	Graphene quantum dots (GQDs)-assembled membranes with intrinsic functionalized nanochannels for high-performance nanofiltration. Chemical Engineering Journal, 2021, 420, 127602.	6.6	51
5	Zwitterionic Copolymer-Regulated Interfacial Polymerization for Highly Permselective Nanofiltration Membrane. Nano Letters, 2021, 21, 6525-6532.	4.5	49
6	An ultrathinin situsilicification layer developed by an electrostatic attraction force strategy for ultrahigh-performance oilâ€“water emulsion separation. Journal of Materials Chemistry A, 2019, 7, 24569-24582.	5.2	47
7	Development of an HKUST-1 Nanofiller-Templated Poly(ether sulfone) Mixed Matrix Membrane for a Highly Efficient Ultrafiltration Process. ACS Applied Materials & Interfaces, 2019, 11, 18782-18796.	4.0	44
8	Chemically Converted Graphene Nanosheets for the Construction of Ion-Exclusion Nanochannel Membranes. Nano Letters, 2021, 21, 3495-3502.	4.5	41
9	Facile development of poly(tetrafluoride ethylene-r-vinylpyrrolidone) modified PVDF membrane with comprehensive antifouling property for highly-efficient challenging oil-in-water emulsions separation. Journal of Membrane Science, 2019, 584, 161-172.	4.1	40
10	Surface engineering with microstructured gel networks for superwetting membranes. Journal of Materials Chemistry A, 2021, 9, 7924-7934.	5.2	37
11	Engineering of ultrafine polydopamine nanoparticles in-situ assembling on polyketone substrate for highly-efficient oil-water emulsions separation. Journal of Membrane Science, 2020, 613, 118501.	4.1	36
12	Custom-tailoring metal-organic framework in thin-film nanocomposite nanofiltration membrane with enhanced internal polarity and amplified surface crosslinking for elevated separation property. Desalination, 2020, 493, 114649.	4.0	35
13	Mechanism insights into the role of the support mineralization layer toward ultrathin polyamide nanofilms for ultrafast molecular separation. Journal of Materials Chemistry A, 2021, 9, 26159-26171.	5.2	34
14	Synthesis of ZIF-8 based composite hollow fiber membrane with a dense skin layer for facilitated biogas upgrading in gas-liquid membrane contactor. Journal of Membrane Science, 2019, 585, 238-252.	4.1	32
15	Development of ultrathin polyamide nanofilm with enhanced inner-pore interconnectivity via graphene quantum dots-assembly intercalation for high-performance organic solvent nanofiltration. Journal of Membrane Science, 2021, 635, 119498.	4.1	31
16	Nanochannel-confined charge repulsion of ions in a reduced graphene oxide membrane. Journal of Materials Chemistry A, 2020, 8, 25880-25889.	5.2	27
17	In situ ultrathin silica layer formation on polyamide thin-film composite membrane surface for enhanced forward osmosis performances. Journal of Membrane Science, 2021, 620, 118876.	4.1	25
18	Layer-by-layer assembly of cation exchange membrane for highly efficient monovalent ion selectivity. Chemical Engineering Journal, 2022, 446, 137076.	6.6	21

#	Article	IF	Citations
19	Novel thin-film composite membrane with ultrathin surface mineralization layer engineered by electrostatic attraction induced In-situ assembling process for high-performance nanofiltration. Chemical Engineering Journal, 2021, 417, 127903.	6.6	20
20	The underlying mechanism insights into support polydopamine decoration toward ultrathin polyamide membranes for high-performance reverse osmosis. Journal of Membrane Science, 2022, 646, 120269.	4.1	19
21	A zwitterionic copolymer-interlayered ultrathin nanofilm with ridge-shaped structure for ultrapermeable nanofiltration. Journal of Membrane Science, 2022, 657, 120679.	4.1	19
22	Ag-based nanocapsule-regulated interfacial polymerization Enables synchronous nanostructure towards high-performance nanofiltration membrane for sustainable water remediation. Journal of Membrane Science, 2022, 645, 120196.	4.1	17
23	Removal of heat-stable salts from lean amine solution using bipolar membrane electrodialysis. Journal of Membrane Science, 2022, 645, 120213.	4.1	17
24	Mechanistic insights into the degradation of monovalent selective ion exchange membrane towards long-term application of real salt lake brines. Journal of Membrane Science, 2022, 652, 120446.	4.1	12
25	Nanostructural Manipulation of Polyphenol Coatings for Superwetting Membrane Surfaces. ACS Sustainable Chemistry and Engineering, 2021, 9, 14525-14536.	3.2	9
26	Facile modification of aliphatic polyketoneâ€based thinâ€film composite membrane for threeâ€dimensional and comprehensive antifouling in activeâ€layerâ€facingâ€drawâ€solution mode. Journal of Applied Polymer Science, 2021, 138, 49711.	1.3	5
27	Highly efficient monovalent ion transport enabled by ionic crosslinkingâ€induced nanochannels. AICHE Journal, 2022, 68, .	1.8	3