Jian Li

List of Publications by Year in descending order

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Version: 2024-02-01

25	2,068	471509 17	580821 25
papers	citations	h-index	g-index

25	25	25	1874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MXene Nanosheet Tailored Bioinspired Modification of a Nanofiltration Membrane for Dye/Salt Separation. ACS ES&T Water, 2023, 3, 1756-1766.	4.6	12
2	MXene nanosheet stacks with tunable nanochannels for efficient molecular separation. Chemical Engineering Journal, 2022, 427, 132070.	12.7	41
3	Collagen Fibril-Assembled Skin-Simulated Membrane for Continuous Molecular Separation. ACS Applied Materials & Interfaces, 2022, 14, 7358-7368.	8.0	9
4	Biochar/Kevlar Nanofiber Mixed Matrix Nanofiltration Membranes with Enhanced Dye/Salt Separation Performance. Membranes, 2021, 11, 443.	3.0	7
5	Electrophoretic nuclei assembly of MOFs in polyamide membranes for enhanced nanofiltration. Desalination, 2021, 512, 115125.	8.2	22
6	Ultrathin 2D Ti3C2Tx MXene membrane for effective separation of oil-in-water emulsions in acidic, alkaline, and salty environment. Journal of Colloid and Interface Science, 2020, 561, 861-869.	9.4	106
7	An MXene-based membrane for molecular separation. Environmental Science: Nano, 2020, 7, 1289-1304.	4.3	78
8	Two-Dimensional Covalent Organic Frameworks (COFs) for Membrane Separation: a Mini Review. Industrial & Engineering Chemistry Research, 2019, 58, 15394-15406.	3.7	124
9	MOF-positioned polyamide membranes with a fishnet-like structure for elevated nanofiltration performance. Journal of Materials Chemistry A, 2019, 7, 16313-16322.	10.3	166
10	High-flux, antibacterial composite membranes via polydopamine-assisted PEI-TiO2/Ag modification for dye removal. Chemical Engineering Journal, 2019, 373, 275-284.	12.7	128
11	Integration of Bipolar Membrane Electrodialysis with Ion-Exchange Absorption for High-Quality H₃PO₂ Recovery from NaH₂PO₂. ACS Omega, 2019, 4, 3983-3989.	3.5	15
12	Mussel-inspired modification of ion exchange membrane for monovalent separation. Journal of Membrane Science, 2018, 553, 139-150.	8.2	44
13	High-flux thin film composite membranes for nanofiltration mediated by a rapid co-deposition of polydopamine/piperazine. Journal of Membrane Science, 2018, 554, 97-108.	8.2	131
14	Mussel-Inspired Monovalent Selective Cation Exchange Membranes Containing Hydrophilic MIL53(Al) Framework for Enhanced Ion Flux. Industrial & Engineering Chemistry Research, 2018, 57, 6275-6283.	3.7	19
15	A rapid deposition of polydopamine coatings induced by iron (III) chloride/hydrogen peroxide for loose nanofiltration. Journal of Colloid and Interface Science, 2018, 523, 86-97.	9.4	79
16	Chargeâ€assisted ultrafiltration membranes for monovalent ions separation in electrodialysis. Journal of Applied Polymer Science, 2018, 135, 45692.	2.6	5
17	Rapid water transport through controllable, ultrathin polyamide nanofilms for high-performance nanofiltration. Journal of Materials Chemistry A, 2018, 6, 15701-15709.	10.3	148
18	High-Performance Thin-Film-Nanocomposite Cation Exchange Membranes Containing Hydrophobic Zeolitic Imidazolate Framework for Monovalent Selectivity. Applied Sciences (Switzerland), 2018, 8, 759.	2.5	10

#	Article	IF	Citations
19	Robust Multilayer Grapheneâ€“Organic Frameworks for Selective Separation of Monovalent Anions. ACS Applied Materials & Interfaces, 2018, 10, 18426-18433.	8.0	44
20	Elevated Performance of Thin Film Nanocomposite Membranes Enabled by Modified Hydrophilic MOFs for Nanofiltration. ACS Applied Materials & Interfaces, 2017, 9, 1975-1986.	8.0	368
21	Mussel-Inspired Architecture of High-Flux Loose Nanofiltration Membrane Functionalized with Antibacterial Reduced Graphene Oxideâ€“Copper Nanocomposites. ACS Applied Materials & Interfaces, 2017, 9, 28990-29001.	8.0	125
22	High flux electroneutral loose nanofiltration membranes based on rapid deposition of polydopamine/polyethyleneimine. Journal of Materials Chemistry A, 2017, 5, 14847-14857.	10.3	195
23	Cation-Exchange Membranes with Controlled Porosity in Electrodialysis Application. Industrial & Engineering Chemistry Research, 2017, 56, 8111-8120.	3.7	15
24	Elevated salt transport of antimicrobial loose nanofiltration membranes enabled by copper nanoparticles via fast bioinspired deposition. Journal of Materials Chemistry A, 2016, 4, 13211-13222.	10.3	125
25	Mono-valent cation selective membranes for electrodialysis by introducing polyquaternium-7 in a commercial cation exchange membrane. Journal of Membrane Science, 2015, 486, 89-96.	8.2	52