

Jian Li

List of Publications by Year in descending order

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25
papers

2,068
citations

471509

17
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580821

25
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docs citations

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times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated Performance of Thin Film Nanocomposite Membranes Enabled by Modified Hydrophilic MOFs for Nanofiltration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1975-1986.	8.0	368
2	High flux electroneutral loose nanofiltration membranes based on rapid deposition of polydopamine/polyethyleneimine. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14847-14857.	10.3	195
3	MOF-positioned polyamide membranes with a fishnet-like structure for elevated nanofiltration performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16313-16322.	10.3	166
4	Rapid water transport through controllable, ultrathin polyamide nanofilms for high-performance nanofiltration. <i>Journal of Materials Chemistry A</i> , 2018, 6, 15701-15709.	10.3	148
5	High-flux thin film composite membranes for nanofiltration mediated by a rapid co-deposition of polydopamine/piperazine. <i>Journal of Membrane Science</i> , 2018, 554, 97-108.	8.2	131
6	High-flux, antibacterial composite membranes via polydopamine-assisted PEI-TiO ₂ /Ag modification for dye removal. <i>Chemical Engineering Journal</i> , 2019, 373, 275-284.	12.7	128
7	Elevated salt transport of antimicrobial loose nanofiltration membranes enabled by copper nanoparticles via fast bioinspired deposition. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13211-13222.	10.3	125
8	Mussel-Inspired Architecture of High-Flux Loose Nanofiltration Membrane Functionalized with Antibacterial Reduced Graphene Oxide-Copper Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28990-29001.	8.0	125
9	Two-Dimensional Covalent Organic Frameworks (COFs) for Membrane Separation: a Mini Review. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 15394-15406.	3.7	124
10	Ultrathin 2D Ti ₃ C ₂ T _x MXene membrane for effective separation of oil-in-water emulsions in acidic, alkaline, and salty environment. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 861-869.	9.4	106
11	A rapid deposition of polydopamine coatings induced by iron (III) chloride/hydrogen peroxide for loose nanofiltration. <i>Journal of Colloid and Interface Science</i> , 2018, 523, 86-97.	9.4	79
12	An MXene-based membrane for molecular separation. <i>Environmental Science: Nano</i> , 2020, 7, 1289-1304.	4.3	78
13	Mono-valent cation selective membranes for electrodialysis by introducing polyquaternium-7 in a commercial cation exchange membrane. <i>Journal of Membrane Science</i> , 2015, 486, 89-96.	8.2	52
14	Mussel-inspired modification of ion exchange membrane for monovalent separation. <i>Journal of Membrane Science</i> , 2018, 553, 139-150.	8.2	44
15	Robust Multilayer Graphene-Organic Frameworks for Selective Separation of Monovalent Anions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18426-18433.	8.0	44
16	MXene nanosheet stacks with tunable nanochannels for efficient molecular separation. <i>Chemical Engineering Journal</i> , 2022, 427, 132070.	12.7	41
17	Electrophoretic nuclei assembly of MOFs in polyamide membranes for enhanced nanofiltration. <i>Desalination</i> , 2021, 512, 115125.	8.2	22
18	Mussel-Inspired Monovalent Selective Cation Exchange Membranes Containing Hydrophilic MIL53(Al) Framework for Enhanced Ion Flux. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 6275-6283.	3.7	19

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19	Cation-Exchange Membranes with Controlled Porosity in Electrodialysis Application. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8111-8120.	3.7	15
20	Integration of Bipolar Membrane Electrodialysis with Ion-Exchange Absorption for High-Quality H_3PO_2 Recovery from NaH_2PO_2 . <i>ACS Omega</i> , 2019, 4, 3983-3989.	3.5	15
21	MXene Nanosheet Tailored Bioinspired Modification of a Nanofiltration Membrane for Dye/Salt Separation. <i>ACS ES&T Water</i> , 2023, 3, 1756-1766.	4.6	12
22	High-Performance Thin-Film-Nanocomposite Cation Exchange Membranes Containing Hydrophobic Zeolitic Imidazolate Framework for Monovalent Selectivity. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 759.	2.5	10
23	Collagen Fibril-Assembled Skin-Simulated Membrane for Continuous Molecular Separation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7358-7368.	8.0	9
24	Biochar/Kevlar Nanofiber Mixed Matrix Nanofiltration Membranes with Enhanced Dye/Salt Separation Performance. <i>Membranes</i> , 2021, 11, 443.	3.0	7
25	Charge-assisted ultrafiltration membranes for monovalent ions separation in electrodialysis. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45692.	2.6	5