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List of Publications by Year in descending order

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840119

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docs citations

15
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559
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Polybenzimidazole Membranes for Hydrogen Purification. Industrial & Engineering Chemistry Research, 2022, 61, 6125-6134.	1.8	20
2	Covalent organic polymers for aqueous and organic solvent nanofiltration. Separation and Purification Technology, 2022, 298, 121589.	3.9	12
3	Development of Thin-Film Composite Membranes for Nanofiltration at Extreme pH. ACS Applied Polymer Materials, 2021, 3, 5912-5919.	2.0	14
4	110th Anniversary: Selection of Cross-Linkers and Cross-Linking Procedures for the Fabrication of Solvent-Resistant Nanofiltration Membranes: A Review. Industrial & Engineering Chemistry Research, 2019, 58, 10678-10691.	1.8	71
5	H ₂ /CO ₂ separation enhancement via chemical modification of polybenzimidazole nanostructure. Journal of Membrane Science, 2019, 572, 343-349.	4.1	43
6	Robust polybenzimidazole (PBI) hollow fiber membranes for organic solvent nanofiltration. Journal of Membrane Science, 2019, 572, 580-587.	4.1	74
7	Performance enhancement in organic solvent nanofiltration by double crosslinking technique using sulfonated polyphenylsulfone (sPPSU) and polybenzimidazole (PBI). Journal of Membrane Science, 2018, 551, 204-213.	4.1	72
8	A novel ionically cross-linked sulfonated polyphenylsulfone (sPPSU) membrane for organic solvent nanofiltration (OSN). Journal of Membrane Science, 2018, 545, 221-228.	4.1	68
9	Facile fabrication of solvent resistant thin film composite membranes by interfacial crosslinking reaction between polyethylenimine and dibromo-p-xylene on polybenzimidazole substrates. Journal of Membrane Science, 2018, 560, 115-124.	4.1	70
10	Molecular design of double crosslinked sulfonated polyphenylsulfone /polybenzimidazole blend membranes for an efficient hydrogen purification. Journal of Membrane Science, 2018, 563, 726-733.	4.1	38
11	Determination of concentration-dependent diffusion coefficient of seven solvents in polystyrene systems using FTIR-ATR technique: experimental and mathematical studies. RSC Advances, 2016, 6, 9013-9022.	1.7	10
12	Genetic programming for modeling and optimization of gas sparging assisted microfiltration of oil-in-water emulsion. Desalination and Water Treatment, 2016, 57, 19160-19170.	1.0	3
13	Modeling concentration polarization in crossflow microfiltration of oil-in-water emulsion using shear-induced diffusion; CFD and experimental studies. Desalination, 2015, 357, 225-232.	4.0	47
14	A novel approach for estimation of solvent activity in polymer solutions using genetic programming. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2015, 51, 35-41.	0.7	10
15	Soft computing method for modeling and optimization of air and water gap membrane distillation - a genetic programming approach. , 0, 76, 30-39.		9