

PÄ±nar Zeynep Äulfaz Emecen

List of Publications by Year in descending order

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23
papers

1,107
citations

567281

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610901

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all docs

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docs citations

24
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	Thinking the future of membranes: Perspectives for advanced and new membrane materials and manufacturing processes. <i>Journal of Membrane Science</i> , 2020, 598, 117761.	8.2	348
2	Cellulose membranes for organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2018, 545, 329-336.	8.2	91
3	Microstructured hollow fibers for ultrafiltration. <i>Journal of Membrane Science</i> , 2010, 347, 32-41.	8.2	78
4	Extremely fouling resistant zwitterionic copolymer membranes with ~ 1 nm pore size for treating municipal, oily and textile wastewater streams. <i>Journal of Membrane Science</i> , 2017, 543, 184-194.	8.2	69
5	Fouling Behavior of Microstructured Hollow Fiber Membranes in Dead-End Filtrations: Critical Flux Determination and NMR Imaging of Particle Deposition. <i>Langmuir</i> , 2011, 27, 1643-1652.	3.5	60
6	Hollow fiber ultrafiltration membranes with microstructured inner skin. <i>Journal of Membrane Science</i> , 2011, 369, 221-227.	8.2	50
7	Cellulose-based membranes via phase inversion using [EMIM]OAc-DMSO mixtures as solvent. <i>Chemical Engineering Science</i> , 2018, 178, 93-103.	3.8	49
8	Fouling behavior of microstructured hollow fibers in cross-flow filtrations: Critical flux determination and direct visual observation of particle deposition. <i>Journal of Membrane Science</i> , 2011, 372, 210-218.	8.2	47
9	Brackish water recovery from reactive dyeing wastewater via ultrafiltration. <i>Journal of Cleaner Production</i> , 2017, 165, 1204-1214.	9.3	46
10	Preparation of patterned microfiltration membranes and their performance in crossflow yeast filtration. <i>Journal of Membrane Science</i> , 2015, 476, 224-233.	8.2	44
11	Fouling behavior of microstructured hollow fiber membranes in submerged and aerated filtrations. <i>Water Research</i> , 2011, 45, 1865-1871.	11.3	37
12	Polymeric microsieves via phase separation microfabrication: Process and design optimization. <i>Journal of Membrane Science</i> , 2010, 347, 93-100.	8.2	34
13	Preparation of MFI type zeolite membranes in a flow system with circulation of the synthesis solution. <i>Microporous and Mesoporous Materials</i> , 2006, 92, 134-144.	4.4	29
14	Effect of carboxylic acid crosslinking of cellulose membranes on nanofiltration performance in ethanol and dimethylsulfoxide. <i>Journal of Membrane Science</i> , 2019, 587, 117175.	8.2	26
15	Purification and Concentration of Caustic Mercerization Wastewater by Membrane Processes and Evaporation for Reuse. <i>Separation Science and Technology</i> , 2014, 49, 1968-1977.	2.5	15
16	Effect of three different PEO-containing additives on the fouling behavior of PES-based ultrafiltration membranes. <i>Separation and Purification Technology</i> , 2015, 150, 21-28.	7.9	15
17	Modification of poly(ether sulfone) for antimicrobial ultrafiltration membranes. <i>Polymer</i> , 2016, 106, 91-99.	3.8	14
18	Helical hollow fibers via rope coiling: Effect of spinning conditions on geometry and membrane morphology. <i>Journal of Membrane Science</i> , 2018, 559, 54-62.	8.2	14

#	ARTICLE	IF	CITATIONS
19	Co-Deposition of Stimuli-Responsive Microgels with Foulants During Ultrafiltration as a Fouling Removal Strategy. ACS Applied Materials & Interfaces, 2019, 11, 18711-18719.	8.0	11
20	Ionic strength-responsive poly(sulfobetaine methacrylate) microgels for fouling removal during ultrafiltration. Reactive and Functional Polymers, 2020, 156, 104738.	4.1	10
21	Solvent recovery from photolithography wastes using cellulose ultrafiltration membranes. Journal of Membrane Science, 2022, 647, 120261.	8.2	10
22	Separation of butane isomers by MFI membranes synthesized in a flow system. Desalination, 2006, 199, 357-359.	8.2	5
23	Controlling Ultrafiltration Membrane Rejection via Shear-Aligned Deposition of Cellulose Nanocrystals from Aqueous Suspensions. ACS Applied Materials & Interfaces, 2021, 13, 36548-36557.	8.0	4