

PÄ±nar Zeynep Äulfaz Emecen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6993456/publications.pdf>

Version: 2024-02-01

23
papers

1,107
citations

567281

15
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent recovery from photolithography wastes using cellulose ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2022, 647, 120261.	8.2	10
2	Controlling Ultrafiltration Membrane Rejection via Shear-Aligned Deposition of Cellulose Nanocrystals from Aqueous Suspensions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36548-36557.	8.0	4
3	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
4	Ionic strength-responsive poly(sulfobetaine methacrylate) microgels for fouling removal during ultrafiltration. <i>Reactive and Functional Polymers</i> , 2020, 156, 104738.	4.1	10
5	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
6	Co-Deposition of Stimuli-Responsive Microgels with Foulants During Ultrafiltration as a Fouling Removal Strategy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18711-18719.	8.0	11
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	Cellulose membranes for organic solvent nanofiltration. <i>Journal of Membrane Science</i> , 2018, 545, 329-336.	8.2	91
9	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
10	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
11	Brackish water recovery from reactive dyeing wastewater via ultrafiltration. <i>Journal of Cleaner Production</i> , 2017, 165, 1204-1214.	9.3	46
12	Modification of poly(ether sulfone) for antimicrobial ultrafiltration membranes. <i>Polymer</i> , 2016, 106, 91-99.	3.8	14
13	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
14	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
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	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
17	Fouling behavior of microstructured hollow fiber membranes in submerged and aerated filtrations. <i>Water Research</i> , 2011, 45, 1865-1871.	11.3	37
18	Hollow fiber ultrafiltration membranes with microstructured inner skin. <i>Journal of Membrane Science</i> , 2011, 369, 221-227.	8.2	50

#	ARTICLE	IF	CITATIONS
19	Fouling behavior of microstructured hollow fibers in cross-flow filtrations: Critical flux determination and direct visual observation of particle deposition. Journal of Membrane Science, 2011, 372, 210-218.	8.2	47
20	Microstructured hollow fibers for ultrafiltration. Journal of Membrane Science, 2010, 347, 32-41.	8.2	78
21	Polymeric microsieves via phase separation microfabrication: Process and design optimization. Journal of Membrane Science, 2010, 347, 93-100.	8.2	34
22	Separation of butane isomers by MFI membranes synthesized in a flow system. Desalination, 2006, 199, 357-359.	8.2	5
23	Preparation of MFI type zeolite membranes in a flow system with circulation of the synthesis solution. Microporous and Mesoporous Materials, 2006, 92, 134-144.	4.4	29