

Structure of porous cellulose acetate membranes and a performance in reverse osmosis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Performance of some improved porous cellulose acetate membranes for low pressure reverse osmosis desalination. <i>Desalination</i> , 1970, 8, 139-152.	8.2	17
2	Effect of casting conditions on the performance of porous cellulose acetate membranes in reverse osmosis. <i>Journal of Applied Polymer Science</i> , 1970, 14, 723-733.	2.6	44
3	Transport properties of eastman cellulose acetate membranes: Influence of diffusant size and shape on permeability. <i>Journal of Applied Polymer Science</i> , 1971, 15, 597-606.	2.6	5
4	Structure of cellulose acetate desalination membranes. <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1973, 11, 603-608.	0.4	49
5	Relationship between structure and transport in cellulose acetate desalination membranes. <i>Journal of Polymer Science, Polymer Physics Edition</i> , 1974, 12, 1667-1696.	1.0	2
6	Deformed reverse osmosis membrane and low pressure operation. <i>Desalination</i> , 1978, 26, 141-151.	8.2	5
7	Title is missing!. <i>Angewandte Makromolekulare Chemie</i> , 1978, 66, 203-220.	0.2	17
8	Salt rejection and flux in reverse osmosis with compactible membranes. <i>Desalination</i> , 1979, 28, 65-85.	8.2	19
9	Einfluß der Hydrolyse auf die Struktur von Umkehrosomosemembranen aus Celluloseacetat. <i>Acta Polymerica</i> , 1983, 34, 99-104.	0.9	7
10	Asymmetric behavior of membranes in pressure driven processes. <i>Desalination</i> , 1983, 46, 447-454.	8.2	2
11	Annealing effect in porous cellulose acetate membranes. <i>Journal of Membrane Science</i> , 1987, 34, 283-296.	8.2	5
12	Annealing effect in porous cellulose acetate membranes. <i>Journal of Membrane Science</i> , 1987, 34, 283-296.	8.2	17
13	Microporous clay membrane materials for reverse osmosis applications. I. Performance characteristics from osmotic studies. <i>Journal of Applied Polymer Science</i> , 1989, 37, 1125-1136.	2.6	2
14	Effects of pretreatments on morphology and performance of cellulose acetate (formamide type) membranes. <i>Desalination</i> , 1994, 95, 155-169.	8.2	22
15	Effects of Membrane-Making Conditions and Shrinkage Treatment on Morphology and Performance of Cellulose Acetate Butyrate Membranes. <i>Separation Science and Technology</i> , 1994, 29, 1689-1704.	2.5	4
16	Well-constructed cellulose acetate membranes for forward osmosis: Minimized internal concentration polarization with an ultra-thin selective layer. <i>Journal of Membrane Science</i> , 2010, 360, 522-535.	8.2	324
17	Novel polyamide-imide/cellulose acetate dual-layer hollow fiber membranes for nanofiltration. <i>Journal of Membrane Science</i> , 2010, 363, 232-242.	8.2	108
18	Effects of annealing on the microstructure and performance of cellulose acetate membranes for pressure-retarded osmosis processes. <i>Journal of Membrane Science</i> , 2010, 364, 344-353.	8.2	51

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19	Recent Developments in Forward Osmosis Processes. <i>Water Intelligence Online</i> , 2017, 16, 9781780408125.	0.3	9
20	Electrospinning of cellulose acetate nanofiber membrane using methyl ethyl ketone and N, N-Dimethylacetamide as solvents. <i>Materials Chemistry and Physics</i> , 2020, 240, 122147.	4.0	28
21	Micro-patterned cellulose triacetate membranes for forward osmosis: Synthesis, performance and anti-fouling behavior. <i>Desalination</i> , 2022, 542, 116076.	8.2	6