

Direct filtration for the treatment of the coagulated don ceramic membranes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A fluorescence-based indicator for nanofiltration fouling propensity caused by effluent organic matter (EfOM). <i>Process Biochemistry</i> , 2020, 91, 260-270.	1.8	1
2	Synthesis of Li-doped bismuth oxide nanoplates, Co nanoparticles modification, and good photocatalytic activity toward organic pollutants. <i>Toxicological and Environmental Chemistry</i> , 2020, 102, 356-385.	0.6	19
3	Direct Membrane Filtration for Wastewater Treatment Using an Intermittent Rotating Hollow Fiber Module. <i>Water (Switzerland)</i> , 2020, 12, 1836.	1.2	6
4	Anaerobic digestibility of up-concentrated organic matter obtained from direct membrane filtration of municipal wastewater. <i>Biochemical Engineering Journal</i> , 2020, 161, 107692.	1.8	7
5	High efficiency preparation of Fe-Al based flocculants from red mud by microwave selective carbothermic reduction and magnetic separation. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13466.	1.3	3
6	A novel stacked flow-through electro-Fenton reactor as decentralized system for the simultaneous removal of pollutants (COD, NH ₃ -N and TP) and disinfection from domestic sewage containing chloride ions. <i>Chemical Engineering Journal</i> , 2020, 387, 124037.	6.6	54
7	Integration of submerged microfiltration and cold plasma for high-strength livestock excreta. <i>Journal of Hazardous Materials</i> , 2021, 401, 123280.	6.5	3
8	Particle size distribution as a major characteristic of domestic wastewater: implications for the modeling and design of membrane bioreactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 825-836.	1.6	10
9	Continuous municipal wastewater up-concentration by direct membrane filtration, considering the effect of intermittent gas scouring and threshold flux determination. <i>Journal of Water Process Engineering</i> , 2021, 39, 101733.	2.6	11
10	Development of Self-Organized Group Method of Data Handling (GMDH) Algorithm to Increase Permeate Flux (%) of Helical-Shaped Membrane. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2021, , 170-182.	0.2	0
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12	Fouling behavior and performance of a submerged flat-sheet nanofiltration membrane system for direct treatment of secondary wastewater effluent. <i>Journal of Water Process Engineering</i> , 2021, 41, 101991.	2.6	10
13	Direct membrane filtration (DMF) for recovery of organic matter in municipal wastewater using small amounts of chemicals and energy. <i>Chemosphere</i> , 2021, 277, 130244.	4.2	24
14	Up-concentration processes of organics for municipal wastewater treatment: New trends in separation. <i>Science of the Total Environment</i> , 2021, 787, 147690.	3.9	15
15	Fabrication of conductive ceramic membranes for electrically assisted fouling control during membrane filtration for wastewater treatment. <i>Chemosphere</i> , 2021, 280, 130794.	4.2	22
16	Bi-metal oxide-modified flat-sheet ceramic membranes for catalytic ozonation of organic pollutants in wastewater treatment. <i>Chemical Engineering Journal</i> , 2021, 426, 131263.	6.6	48
17	In-line coagulation assessment for ultrafiltration fouling reduction to treat secondary effluent for water reuse. <i>Water Science and Technology</i> , 2021, 83, 284-296.	1.2	6
18	Impact of the Precoagulation Performance of the Ultrafiltration Process in the Tertiary Treatment for Recycling of Urban Sewage. <i>Current Environmental Management</i> , 2020, 6, 188-195.	0.7	1

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19	Recent Progress on Tailoring and Modification of Membranes for Membrane Distillation: A Review. <i>Journal of Applied Membrane Science & Technology</i> , 2021, 25, 93-117.	0.3	0
20	Fouling control strategies for direct membrane ultrafiltration: Physical cleanings assisted by membrane rotational movement. <i>Chemical Engineering Journal</i> , 2022, 436, 135161.	6.6	24
21	Dynamic Membranes for Enhancing Resources Recovery from Municipal Wastewater. <i>Membranes</i> , 2022, 12, 214.	1.4	5
22	Capturing organics from municipal wastewater using a primary sludge-derived polymer. <i>Journal of Water Process Engineering</i> , 2022, 46, 102567.	2.6	5
23	Avaliação de ultrafiltração como alternativa à flotação por ar dissolvido no pós-tratamento do efluente de lodos ativados – estudo em escala piloto na estação de tratamento de esgoto Brasília norte. <i>Engenharia Sanitaria E Ambiental</i> , 2021, 26, 1003-1014.	0.1	1
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27	Progress in alumina ceramic membranes for water purification: Status and prospects. <i>Water Research</i> , 2022, 226, 119173.	5.3	23
28	Error-compensated one-dimensional convolutional neural network-based ultrasonic defect signal recognition method for flat ceramic membranes. <i>Ceramics International</i> , 2023, 49, 5391-5400.	2.3	0
29	Evaluating the Feasibility of Employing Dynamic Membranes for the Direct Filtration of Municipal Wastewater. <i>Membranes</i> , 2022, 12, 1013.	1.4	1
30	Pre-concentration of Municipal Wastewater Using Flocculation-Assisted Direct Ceramic Microfiltration Process: Optimization of Operational Conditions. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	1.1	1
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32	Direct Membrane Filtration of Municipal Wastewater: Studying the Most Suitable Conditions for Minimizing Fouling Rate in Commercial Porous Membranes at Demonstration Scale. <i>Membranes</i> , 2023, 13, 99.	1.4	6
33	Ultrasonication-assisted fouling control during ceramic membrane filtration of primary wastewater under gravity-driven and constant flux conditions. <i>Separation and Purification Technology</i> , 2023, 310, 123083.	3.9	13
34	Efficiency of submerged ceramic flat membrane bioreactor in the treatment of coal chemical wastewater. <i>Journal of Water Process Engineering</i> , 2023, 53, 103638.	2.6	6
35	New insights into membrane fouling during direct membrane filtration of municipal wastewater and fouling control with mechanical strategies. <i>Science of the Total Environment</i> , 2023, 869, 161775.	3.9	18