

Youngpil Chun

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

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docs citations

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766
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic matter removal from a membrane bioreactor effluent for reverse osmosis fouling mitigation by microgranular adsorptive filtration system. Desalination, 2021, 506, 115016.	8.2	14
2	Influences of Combined Organic Fouling and Inorganic Scaling on Flux and Fouling Behaviors in Forward Osmosis. Membranes, 2020, 10, 115.	3.0	3
3	Pre-deposited dynamic membrane filtration “A review. Water Research, 2020, 173, 115558.	11.3	57
4	Prototype aquaporin-based forward osmosis membrane: Filtration properties and fouling resistance. Desalination, 2018, 445, 75-84.	8.2	52
5	Forward osmosis as a pre-treatment for treating coal seam gas associated water: Flux and fouling behaviour. Desalination, 2017, 403, 144-152.	8.2	30
6	A Short Review of Membrane Fouling in Forward Osmosis Processes. Membranes, 2017, 7, 30.	3.0	112
7	Influence of hydrophobic and electrostatic membrane surface properties on biofouling in a submerged membrane bioreactor under different filtration modes. Desalination and Water Treatment, 2016, 57, 26641-26647.	1.0	6
8	Fouling characteristics and their implications on cleaning of a FO-RO pilot process for treating brackish surface water. Desalination, 2016, 394, 91-100.	8.2	39
9	Adhesion potential of bacteria retrieved from intake seawater and membrane biofilms on full-scale reverse osmosis desalination process. Desalination and Water Treatment, 2016, 57, 26629-26640.	1.0	1
10	Using FO as pre-treatment of RO for high scaling potential brackish water: Energy and performance optimisation. Journal of Membrane Science, 2015, 492, 430-438.	8.2	43
11	Reduced graphene oxide/polyaniline conductive anion exchange membranes in capacitive deionisation process. Electrochimica Acta, 2015, 182, 383-390.	5.2	39
12	A case study of fouling development and flux reversibility of treating actual lake water by forward osmosis process. Desalination, 2015, 357, 55-64.	8.2	35
13	Exploring microbial communities and differences of cartridge filters (CFs) and reverse osmosis (RO) membranes for seawater desalination processes. Desalination, 2012, 298, 85-92.	8.2	28
14	Floating-Type Microbial Fuel Cell (FT-MFC) for Treating Organic-Contaminated Water. Environmental Science & Technology, 2009, 43, 1642-1647.	10.0	44
15	The influences of deposited silica nanoparticles on a forward osmosis membrane. , 0, 80, 18-26.		2