

Youngpil Chun

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

509
citations

840585

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996849

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16
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16
docs citations

16
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	A Short Review of Membrane Fouling in Forward Osmosis Processes. <i>Membranes</i> , 2017, 7, 30.	1.4	112
2	Pre-deposited dynamic membrane filtration “ A review. <i>Water Research</i> , 2020, 173, 115558.	5.3	57
3	Prototype aquaporin-based forward osmosis membrane: Filtration properties and fouling resistance. <i>Desalination</i> , 2018, 445, 75-84.	4.0	52
4	Floating-Type Microbial Fuel Cell (FT-MFC) for Treating Organic-Contaminated Water. <i>Environmental Science & Technology</i> , 2009, 43, 1642-1647.	4.6	44
5	Using FO as pre-treatment of RO for high scaling potential brackish water: Energy and performance optimisation. <i>Journal of Membrane Science</i> , 2015, 492, 430-438.	4.1	43
6	Reduced graphene oxide/polyaniline conductive anion exchange membranes in capacitive deionisation process. <i>Electrochimica Acta</i> , 2015, 182, 383-390.	2.6	39
7	Fouling characteristics and their implications on cleaning of a FO-RO pilot process for treating brackish surface water. <i>Desalination</i> , 2016, 394, 91-100.	4.0	39
8	A case study of fouling development and flux reversibility of treating actual lake water by forward osmosis process. <i>Desalination</i> , 2015, 357, 55-64.	4.0	35
9	Forward osmosis as a pre-treatment for treating coal seam gas associated water: Flux and fouling behaviour. <i>Desalination</i> , 2017, 403, 144-152.	4.0	30
10	Exploring microbial communities and differences of cartridge filters (CFs) and reverse osmosis (RO) membranes for seawater desalination processes. <i>Desalination</i> , 2012, 298, 85-92.	4.0	28
11	Organic matter removal from a membrane bioreactor effluent for reverse osmosis fouling mitigation by microgranular adsorptive filtration system. <i>Desalination</i> , 2021, 506, 115016.	4.0	14
12	Influence of hydrophobic and electrostatic membrane surface properties on biofouling in a submerged membrane bioreactor under different filtration modes. <i>Desalination and Water Treatment</i> , 2016, 57, 26641-26647.	1.0	6
13	Influences of Combined Organic Fouling and Inorganic Scaling on Flux and Fouling Behaviors in Forward Osmosis. <i>Membranes</i> , 2020, 10, 115.	1.4	3
14	The influences of deposited silica nanoparticles on a forward osmosis membrane. , 0, 80, 18-26.		2
15	Adhesion potential of bacteria retrieved from intake seawater and membrane biofilms on full-scale reverse osmosis desalination process. <i>Desalination and Water Treatment</i> , 2016, 57, 26629-26640.	1.0	1