

Joel Minier-Matar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6799228/publications.pdf>

Version: 2024-02-01

33
papers

942
citations

566801

15
h-index

642321

23
g-index

33
all docs

33
docs citations

33
times ranked

974
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Membrane Distillation for desalting brines from thermal desalination plants. Desalination, 2013, 314, 101-108.	4.0	192
2	The status of forward osmosis technology implementation. Desalination, 2019, 461, 10-21.	4.0	120
3	Membrane applications and opportunities for water management in the oil & gas industry. Desalination, 2018, 440, 2-17.	4.0	114
4	Field evaluation of membrane distillation technologies for desalination of highly saline brines. Desalination, 2014, 351, 101-108.	4.0	75
5	Application of forward osmosis for reducing volume of produced/Process water from oil and gas operations. Desalination, 2015, 376, 1-8.	4.0	66
6	Gas field produced/process water treatment using forward osmosis hollow fiber membrane: Membrane fouling and chemical cleaning. Desalination, 2017, 402, 143-151.	4.0	65
7	Application of Hollow Fiber Forward Osmosis Membranes for Produced and Process Water Volume Reduction: An Osmotic Concentration Process. Environmental Science & Technology, 2016, 50, 6044-6052.	4.6	47
8	Field evaluation of membrane distillation followed by humidification/dehumidification crystallizer for inland desalination of saline groundwater. Desalination, 2016, 398, 12-21.	4.0	30
9	Assessing the Biotreatability of Produced Water From a Qatari Gas Field. SPE Journal, 2015, 20, 1113-1119.	1.7	29
10	Application of emerging ion exchange resin for boron removal from saline groundwater. Journal of Water Process Engineering, 2019, 32, 100906.	2.6	25
11	Application of membrane contactors to remove hydrogen sulfide from sour water. Journal of Membrane Science, 2017, 541, 378-385.	4.1	23
12	Protocol for Preparing Synthetic Solutions Mimicking Produced Water from Oil and Gas Operations. ACS Omega, 2021, 6, 6881-6892.	1.6	20
13	Validation and application of a membrane filtration evaluation protocol for oil-water separation. Journal of Water Process Engineering, 2021, 43, 102185.	2.6	19
14	Pilot-scale investigation of flowrate and temperature influence on the performance of hollow fiber forward osmosis membrane in osmotic concentration process. Journal of Environmental Chemical Engineering, 2020, 8, 104494.	3.3	18
15	Evaluation of new ion exchange resins for hardness removal from boiler feedwater. Emergent Materials, 2018, 1, 77-87.	3.2	17
16	An empirical determination of the whole-life cost of FO-based open-loop wastewater reclamation technologies. Water Research, 2019, 163, 114879.	5.3	17
17	The effect of Hydrogen sulfide oxidation with ultraviolet light and aeration on sour water treatment via membrane contactors. Separation and Purification Technology, 2020, 236, 116262.	3.9	12
18	Pressure-retarded osmosis for enhanced oil recovery. Desalination, 2020, 491, 114568.	4.0	9

#	ARTICLE	IF	CITATIONS
19	Pilot-scale evaluation of forward osmosis membranes for volume reduction of industrial wastewater. <i>Desalination</i> , 2022, 531, 115689.	4.0	9
20	Advanced Technologies for Produced Water Treatment. , 2014, , .		5
21	Evaluation of pretreatment and membrane configuration for pressure-retarded osmosis application to produced water from the petroleum industry. <i>Desalination</i> , 2021, 516, 115219.	4.0	5
22	Treatment of produced water from oil & gas operations by Membrane Distillation. , 2015, , 285-292.		4
23	Industrial wastewater volume reduction through osmotic concentration: Membrane module selection and process modeling. <i>Journal of Water Process Engineering</i> , 2021, 40, 101760.	2.6	4
24	Evaluation of cellulose triacetate hollow fiber membrane for volume reduction of real industrial effluents through an osmotic concentration process: A pilot-scale study. <i>Environmental Technology and Innovation</i> , 2021, 24, 101873.	3.0	4
25	Kinetic Hydrate Inhibitor Removal by Physical, Chemical and Biological Processes. , 2014, , .		4
26	Evaluation of polymeric adsorbents via fixed-bed columns for emulsified oil removal from industrial wastewater. <i>Journal of Water Process Engineering</i> , 2022, 49, 102962.	2.6	4
27	Kinetic Hydrate Inhibitor Removal by Physical, Chemical and Biological Processes. , 2014, , .		1
28	Application of Forward Osmosis to Reduce Produced Water Injection Volumes. , 2015, , 309-316.		1
29	Application of Membrane Bioreactor Technology for Produced Water Treatment. , 2015, , 293-300.		1
30	Investigation of thin-film composite hollow fiber forward osmosis membrane for osmotic concentration: A pilot-scale study. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 178-188.	1.2	1
31	Performance evaluation of emerging block copolymer membranes for oil-water separation. , 2022, 2, .		1
32	Improving the Control of Viral Pathogens By Pou Technologies Used in Developing Regions. <i>Proceedings of the Water Environment Federation</i> , 2009, 2009, 195-201.	0.0	0
33	Advances in Application of Forward Osmosis Technology for Volume Reduction of Produced/Process Water from Gas-Field Operations. , 2015, , .		0