

Arnold Janson

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

691
citations

758635

12
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

720
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	Membrane applications and opportunities for water management in the oil & gas industry. Desalination, 2018, 440, 2-17.	4.0	114
3	Field evaluation of membrane distillation technologies for desalination of highly saline brines. Desalination, 2014, 351, 101-108.	4.0	75
4	Application of forward osmosis for reducing volume of produced/Process water from oil and gas operations. Desalination, 2015, 376, 1-8.	4.0	66
5	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
6	Membrane distillation: recent technological developments and advancements in membrane materials. Emergent Materials, 2022, 5, 347-367.	3.2	33
7	Field evaluation of membrane distillation followed by humidification/dehumidification crystallizer for inland desalination of saline groundwater. Desalination, 2016, 398, 12-21.	4.0	30
8	Assessing the Biotreatability of Produced Water From a Qatari Gas Field. SPE Journal, 2015, 20, 1113-1119.	1.7	29
9	Application of membrane contactors to remove hydrogen sulfide from sour water. Journal of Membrane Science, 2017, 541, 378-385.	4.1	23
10	Protocol for Preparing Synthetic Solutions Mimicking Produced Water from Oil and Gas Operations. ACS Omega, 2021, 6, 6881-6892.	1.6	20
11	Evaluation of new ion exchange resins for hardness removal from boiler feedwater. Emergent Materials, 2018, 1, 77-87.	3.2	17
12	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
13	Pressure-retarded osmosis for enhanced oil recovery. Desalination, 2020, 491, 114568.	4.0	9
14	Biotreatment of Hydrate-Inhibitor-Containing Produced Waters at Low pH. SPE Journal, 2015, 20, 1254-1260.	1.7	8
15	Qatargas Wastewater Treatment Plants: An Advanced Design for Water Reuse. , 2015, , .		7
16	Evaluation of pretreatment and membrane configuration for pressure-retarded osmosis application to produced water from the petroleum industry. Desalination, 2021, 516, 115219.	4.0	5
17	Industrial wastewater volume reduction through osmotic concentration: Membrane module selection and process modeling. Journal of Water Process Engineering, 2021, 40, 101760.	2.6	4