

Cejna Anna Quist-Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,500
citations

331538

21
h-index

414303

32
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34
all docs

34
docs citations

34
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane technology for water production in agriculture: Desalination and wastewater reuse. <i>Desalination</i> , 2015, 364, 17-32.	4.0	199
2	A study of membrane distillation and crystallization for lithium recovery from high-concentrated aqueous solutions. <i>Journal of Membrane Science</i> , 2016, 505, 167-173.	4.1	158
3	Reclamation of sodium sulfate from industrial wastewater by using membrane distillation and membrane crystallization. <i>Desalination</i> , 2017, 401, 112-119.	4.0	93
4	Lithium recovery from artificial brine using energy-efficient membrane distillation and nanofiltration. <i>Journal of Membrane Science</i> , 2020, 598, 117683.	4.1	83
5	Application of Membrane Crystallization for Minerals™ Recovery from Produced Water. <i>Membranes</i> , 2015, 5, 772-792.	1.4	76
6	Direct contact membrane distillation for the concentration of clarified orange juice. <i>Journal of Food Engineering</i> , 2016, 187, 37-43.	2.7	75
7	Fouling, performance and cost analysis of membrane-based water desalination technologies: A critical review. <i>Journal of Environmental Management</i> , 2022, 301, 113922.	3.8	71
8	Membrane crystallization for salts recovery from brine—an experimental and theoretical analysis. <i>Desalination and Water Treatment</i> , 2016, 57, 7593-7603.	1.0	69
9	Evaluation of integrated microfiltration and membrane distillation/crystallization processes for produced water treatment. <i>Desalination</i> , 2018, 434, 161-168.	4.0	66
10	Integrated Membrane Desalination Systems with Membrane Crystallization Units for Resource Recovery: A New Approach for Mining from the Sea. <i>Crystals</i> , 2016, 6, 36.	1.0	57
11	Acidification and recovery of phosphorus from digested and non-digested sludge. <i>Water Research</i> , 2018, 146, 307-317.	5.3	54
12	Layered double hydroxides for phosphorus recovery from acidified and non-acidified dewatered sludge. <i>Water Research</i> , 2019, 153, 208-216.	5.3	53
13	Thermodynamic modeling of brine and its use in membrane crystallizer. <i>Desalination</i> , 2013, 323, 83-92.	4.0	49
14	Membrane crystallization for phosphorus recovery and ammonia stripping from reject water from sludge dewatering process. <i>Desalination</i> , 2018, 440, 156-160.	4.0	48
15	Optimization of module length for continuous direct contact membrane distillation process. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 110, 188-200.	1.8	45
16	A review of membrane crystallization, forward osmosis and membrane capacitive deionization for liquid mining. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105273.	5.3	41
17	Water Defluoridation: Nanofiltration vs Membrane Distillation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14740-14748.	1.8	35
18	Perspectives on mining from sea and other alternative strategies for minerals and water recovery – The development of novel membrane operations. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 94, 129-134.	2.7	31

#	ARTICLE	IF	CITATIONS
19	Selective electrodialysis for simultaneous but separate phosphate and ammonium recovery. Environmental Technology (United Kingdom), 2021, 42, 2177-2186.	1.2	27
20	A comparison of vacuum and direct contact membrane distillation for phosphorus and ammonia recovery from wastewater. Journal of Water Process Engineering, 2021, 44, 102350.	2.6	23
21	Forward osmosis with high-performing TFC membranes for concentration of digester centrate prior to phosphorus recovery. Separation and Purification Technology, 2018, 197, 449-456.	3.9	22
22	Precipitation and recovery of phosphorus from the wastewater hydrolysis tank. Science of the Total Environment, 2022, 813, 151875.	3.9	21
23	Thermocatalytic membrane distillation for clean water production. Npj Clean Water, 2020, 3, .	3.1	18
24	Treated Seawater as a Magnesium Source for Phosphorous Recovery from Wastewater – A Feasibility and Cost Analysis. Membranes, 2016, 6, 54.	1.4	14
25	Treatment of Wastewater Solutions from Anodizing Industry by Membrane Distillation and Membrane Crystallization. Applied Sciences (Switzerland), 2019, 9, 287.	1.3	13
26	Effect of reverse sodium flux and pH on ammoniacal nitrogen transport through biomimetic membranes. Separation and Purification Technology, 2019, 217, 40-47.	3.9	11
27	Industrial Wastewater Treatment by Nanofiltration – A Case Study on the Anodizing Industry. Membranes, 2020, 10, 85.	1.4	11
28	Wastewater treatment and concentration of phosphorus with the hybrid osmotic microfiltration bioreactor. Journal of Membrane Science, 2018, 559, 107-116.	4.1	9
29	Desalination of Groundwater from a Well in Puglia Region (Italy) by Al ₂ O ₃ -Doped Silica and Polymeric Nanofiltration Membranes. Nanomaterials, 2020, 10, 1738.	1.9	9
30	Pilot-scale study for phosphorus recovery by sludge acidification and dewatering. Environmental Technology (United Kingdom), 2020, 41, 2928-2934.	1.2	8
31	Fabrication and Surface Interactions of Super-Hydrophobic Silicon Carbide for Membrane Distillation. Nanomaterials, 2019, 9, 1159.	1.9	5
32	Oleic acid-coated magnetic particles for removal of oil from produced water. Journal of Petroleum Science and Engineering, 2022, 211, 110088.	2.1	5
33	Molecular Weight Cutoff. , 2015, , 1-2.		1
34	Membrane Operations for Minerals™ Recovery From Seawater. , 2019, , 449-471.		0