

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
g-index

34
all docs

34
docs citations

34
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Precipitation and recovery of phosphorus from the wastewater hydrolysis tank. <i>Science of the Total Environment</i> , 2022, 813, 151875.	3.9	21
3	Oleic acid-coated magnetic particles for removal of oil from produced water. <i>Journal of Petroleum Science and Engineering</i> , 2022, 211, 110088.	2.1	5
4	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
5	Selective electrodialysis for simultaneous but separate phosphate and ammonium recovery. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 2177-2186.	1.2	27
6	A comparison of vacuum and direct contact membrane distillation for phosphorus and ammonia recovery from wastewater. <i>Journal of Water Process Engineering</i> , 2021, 44, 102350.	2.6	23
7	Pilot-scale study for phosphorus recovery by sludge acidification and dewatering. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 2928-2934.	1.2	8
8	Lithium recovery from artificial brine using energy-efficient membrane distillation and nanofiltration. <i>Journal of Membrane Science</i> , 2020, 598, 117683.	4.1	83
9	Thermocatalytic membrane distillation for clean water production. <i>Npj Clean Water</i> , 2020, 3, .	3.1	18
10	Desalination of Groundwater from a Well in Puglia Region (Italy) by Al ₂ O ₃ -Doped Silica and Polymeric Nanofiltration Membranes. <i>Nanomaterials</i> , 2020, 10, 1738.	1.9	9
11	Industrial Wastewater Treatment by Nanofiltration – A Case Study on the Anodizing Industry. <i>Membranes</i> , 2020, 10, 85.	1.4	11
12	Fabrication and Surface Interactions of Super-Hydrophobic Silicon Carbide for Membrane Distillation. <i>Nanomaterials</i> , 2019, 9, 1159.	1.9	5
13	Treatment of Wastewater Solutions from Anodizing Industry by Membrane Distillation and Membrane Crystallization. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 287.	1.3	13
14	Layered double hydroxides for phosphorus recovery from acidified and non-acidified dewatered sludge. <i>Water Research</i> , 2019, 153, 208-216.	5.3	53
15	Effect of reverse sodium flux and pH on ammoniacal nitrogen transport through biomimetic membranes. <i>Separation and Purification Technology</i> , 2019, 217, 40-47.	3.9	11
16	Membrane Operations for Minerals™ Recovery From Seawater. , 2019, , 449-471.		0
17	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
18	Forward osmosis with high-performing TFC membranes for concentration of digester centrate prior to phosphorus recovery. <i>Separation and Purification Technology</i> , 2018, 197, 449-456.	3.9	22

#	ARTICLE	IF	CITATIONS
19	Evaluation of integrated microfiltration and membrane distillation/crystallization processes for produced water treatment. <i>Desalination</i> , 2018, 434, 161-168.	4.0	66
20	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
21	Acidification and recovery of phosphorus from digested and non-digested sludge. <i>Water Research</i> , 2018, 146, 307-317.	5.3	54
22	Water Defluoridation: Nanofiltration vs Membrane Distillation. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14740-14748.	1.8	35
23	Wastewater treatment and concentration of phosphorus with the hybrid osmotic microfiltration bioreactor. <i>Journal of Membrane Science</i> , 2018, 559, 107-116.	4.1	9
24	Reclamation of sodium sulfate from industrial wastewater by using membrane distillation and membrane crystallization. <i>Desalination</i> , 2017, 401, 112-119.	4.0	93
25	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
26	Treated Seawater as a Magnesium Source for Phosphorous Recovery from Wastewater – A Feasibility and Cost Analysis. <i>Membranes</i> , 2016, 6, 54.	1.4	14
27	Direct contact membrane distillation for the concentration of clarified orange juice. <i>Journal of Food Engineering</i> , 2016, 187, 37-43.	2.7	75
28	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
29	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
30	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
31	Application of Membrane Crystallization for Minerals – Recovery from Produced Water. <i>Membranes</i> , 2015, 5, 772-792.	1.4	76
32	Membrane technology for water production in agriculture: Desalination and wastewater reuse. <i>Desalination</i> , 2015, 364, 17-32.	4.0	199
33	Molecular Weight Cutoff. , 2015, , 1-2.		1
34	Thermodynamic modeling of brine and its use in membrane crystallizer. <i>Desalination</i> , 2013, 323, 83-92.	4.0	49