

Elena Guillen-Burrieza

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,965
citations

686830

13
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

1863
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of iCVD film thickness and conformality on the permeability and wetting of MD membranes. <i>Journal of Membrane Science</i> , 2017, 523, 470-479.	4.1	43
2	A systematic study of the impact of hydrophobicity on the wetting of MD membranes. <i>Journal of Membrane Science</i> , 2016, 520, 850-859.	4.1	69
3	Techno-economic assessment of a pilot-scale plant for solar desalination based on existing plate and frame MD technology. <i>Desalination</i> , 2015, 374, 70-80.	4.0	44
4	Membrane structure and surface morphology impact on the wetting of MD membranes. <i>Journal of Membrane Science</i> , 2015, 483, 94-103.	4.1	81
5	Raw Juice Concentration by Osmotic Membrane Distillation Process with Hydrophobic Polymeric Membranes. <i>Food and Bioprocess Technology</i> , 2015, 8, 2146-2158.	2.6	49
6	Shrinkage, defect and membrane distillation performance of composite PVDF membranes. <i>Desalination</i> , 2015, 376, 62-72.	4.0	44
7	Scaling and fouling in membrane distillation for desalination applications: A review. <i>Desalination</i> , 2015, 356, 294-313.	4.0	607
8	Pore structure control of PVDF membranes using a 2-stage coagulation bath phase inversion process for application in membrane distillation (MD). <i>Journal of Membrane Science</i> , 2014, 452, 470-480.	4.1	104
9	Membrane fouling and cleaning in long term plant-scale membrane distillation operations. <i>Journal of Membrane Science</i> , 2014, 468, 360-372.	4.1	146
10	Effect of dry-out on the fouling of PVDF and PTFE membranes under conditions simulating intermittent seawater membrane distillation (SWMD). <i>Journal of Membrane Science</i> , 2013, 438, 126-139.	4.1	114
11	Fabrication and characterization of polyvinylidene fluoride-co-hexafluoropropylene (PVDF-HFP) electrospun membranes for direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2013, 428, 104-115.	4.1	301
12	Experimental evaluation of two pilot-scale membrane distillation modules used for solar desalination. <i>Journal of Membrane Science</i> , 2012, 409-410, 264-275.	4.1	130
13	Experimental analysis of an air gap membrane distillation solar desalination pilot system. <i>Journal of Membrane Science</i> , 2011, 379, 386-396.	4.1	233