

Lies Eykens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8932485/publications.pdf>

Version: 2024-02-01

17
papers

1,136
citations

687220

13
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

1145
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane synthesis for membrane distillation: A review. Separation and Purification Technology, 2017, 182, 36-51.	3.9	318
2	How To Optimize the Membrane Properties for Membrane Distillation: A Review. Industrial & Engineering Chemistry Research, 2016, 55, 9333-9343.	1.8	211
3	Influence of membrane thickness and process conditions on direct contact membrane distillation at different salinities. Journal of Membrane Science, 2016, 498, 353-364.	4.1	139
4	Characterization and performance evaluation of commercially available hydrophobic membranes for direct contact membrane distillation. Desalination, 2016, 392, 63-73.	4.0	90
5	How to select a membrane distillation configuration? Process conditions and membrane influence unraveled. Desalination, 2016, 399, 105-115.	4.0	73
6	Direct contact and air gap membrane distillation: Differences and similarities between lab and pilot scale. Desalination, 2017, 422, 91-100.	4.0	67
7	Wetting Resistance of Commercial Membrane Distillation Membranes in Waste Streams Containing Surfactants and Oil. Applied Sciences (Switzerland), 2017, 7, 118.	1.3	54
8	Full-scale direct contact membrane distillation (DCMD) model including membrane compaction effects. Journal of Membrane Science, 2017, 524, 245-256.	4.1	45
9	Coating techniques for membrane distillation: An experimental assessment. Separation and Purification Technology, 2018, 193, 38-48.	3.9	38
10	Calibration and analysis of a direct contact membrane distillation model using Monte Carlo filtering. Journal of Membrane Science, 2016, 515, 63-78.	4.1	22
11	Development of polyethersulfone phase-inversion membranes for membrane distillation using oleophobic coatings. Journal of Applied Polymer Science, 2017, 134, 45516.	1.3	19
12	Atmospheric plasma coatings for membrane distillation. Journal of Membrane Science, 2018, 554, 175-183.	4.1	16
13	Improving process efficiency of gold-catalyzed hydration of alkynes: merging catalysis with membrane separation. Green Chemistry, 2020, 22, 2598-2604.	4.6	16
14	Functionalization of a Hydrophilic Commercial Membrane Using Inorganic-Organic Polymers Coatings for Membrane Distillation. Applied Sciences (Switzerland), 2017, 7, 637.	1.3	9
15	Synthesis of Pd Complexes Containing Tailed NHC Ligands and Their Use in a Semicontinuous Membrane-Assisted Suzuki Cross-Coupling Process. Organic Process Research and Development, 2018, 22, 1509-1517.	1.3	9
16	Recovery of brines from cheese making using membrane distillation at lab and pilot scale. Journal of Food Engineering, 2018, 219, 52-61.	2.7	8
17	Integrated systems involving membrane distillation and applications. , 2015, , 361-383.		2