

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