

Iulian PatraScu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

207
citations

6
h-index

14
g-index

14
ext. papers

244
ext. citations

3.6
avg, IF

3.7
L-index

#	Paper	IF	Citations
14	Eco-efficient butanol separation in the ABE fermentation process. <i>Separation and Purification Technology</i> , 2017 , 177, 49-61	8.3	72
13	Dynamics and control of a heat pump assisted extractive dividing-wall column for bioethanol dehydration. <i>Chemical Engineering Research and Design</i> , 2017 , 119, 66-74	5.5	49
12	Eco-efficient Downstream Processing of Biobutanol by Enhanced Process Intensification and Integration. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 5452-5461	8.3	44
11	Dynamics and control of a heat pump assisted azeotropic dividing-wall column for biobutanol purification. <i>Chemical Engineering Research and Design</i> , 2019 , 146, 416-426	5.5	13
10	Enhanced Down-Stream Processing of Biobutanol in the ABE Fermentation Process. <i>Computer Aided Chemical Engineering</i> , 2016 , 38, 979-984	0.6	10
9	Novel eco-efficient process for dimethyl carbonate production by indirect alcoholysis of urea. <i>Chemical Engineering Research and Design</i> , 2020 , 160, 486-498	5.5	7
8	Novel eco-efficient reactive distillation process for dimethyl carbonate production by indirect alcoholysis of urea. <i>Frontiers of Chemical Science and Engineering</i> , 1	4.5	4
7	Heat pump assisted azeotropic DWC for enhanced biobutanol separation. <i>Computer Aided Chemical Engineering</i> , 2018 , 43, 791-796	0.6	3
6	Process control of a heat pump assisted extractive DWC for bioethanol dehydration. <i>Computer Aided Chemical Engineering</i> , 2017 , 40, 1549-1554	0.6	2
5	Dynamics and control of a heat pump assisted azeotropic dividing-wall column (HP-A-DWC) for biobutanol purification. <i>Computer Aided Chemical Engineering</i> , 2019 , 46, 1339-1344	0.6	1
4	High-purity DMC Production by Indirect Alcoholysis of Urea: Optimal Design and Control. <i>Computer Aided Chemical Engineering</i> , 2020 , 48, 931-936	0.6	1
3	Eco-efficient Separation of Mono- and Dichloroacetic Acid by Thermally Coupled Extractive Distillation. <i>Chemical Engineering and Technology</i> , 2020 , 43, 2403-2417	2	1
2	From substrate to biofuel in the acetoneButanolEthanol process 2019 , 59-82		0
1	Rethinking the design of a 2-methoxy-2-methyl-heptane process by unraveling the true thermodynamics and kinetics. <i>Chemical Engineering Research and Design</i> , 2022 , 177, 789-800	5.5	