

Shenyao Feng

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

284
citations

1040056

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1281871

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11
docs citations

11
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation about energy-saving for the isobutyl acetate synthesis in a reactive divided-wall column via vapor recompression heat pump. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 147, 107783.	3.6	16
2	Improving the performance of heterogeneous azeotropic distillation via self-heat recuperation technology. <i>Chemical Engineering Research and Design</i> , 2019, 141, 516-528.	5.6	31
3	Controllability comparisons of a reactive dividing-wall column for transesterification of methyl acetate and isopropanol. <i>Chemical Engineering Research and Design</i> , 2018, 132, 409-423.	5.6	7
4	Energy-Efficient Design of Downstream Separation To Produce <i>n</i> -Butanol by Several Heat-Integrated Technologies. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 13205-13216.	3.7	6
5	Design and Control of Heterogeneous Azeotropic Distillation for Separating 2-Methylpyridine/Water. <i>Chemical Engineering and Technology</i> , 2018, 41, 2024-2033.	1.5	20
6	Investigation about Energy Saving for Synthesis of Isobutyl Acetate in the Reactive Dividing-Wall Column. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 5607-5617.	3.7	27
7	A novel energy-saving pressure swing distillation process based on self-heat recuperation technology. <i>Energy</i> , 2017, 141, 770-781.	8.8	56
8	Integrating a vapor recompression heat pump into a lower partitioned reactive dividing-wall column for better energy-saving performance. <i>Chemical Engineering Research and Design</i> , 2017, 125, 204-213.	5.6	31
9	Design and control of entrainer-assisted reactive distillation for N-propyl propionate production. <i>Computers and Chemical Engineering</i> , 2017, 106, 559-571.	3.8	22
10	Improving the Performance of Heat Pump-Assisted Azeotropic Dividing Wall Distillation. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 6454-6464.	3.7	40
11	Performance Enhancement of Reactive Dividing-Wall Column via Vapor Recompression Heat Pump. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11305-11314.	3.7	28