Shenyao Feng

List of Publications by Year
in descending order

11	284	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	130
all docs	docs citations	times ranked	citing authors

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