

Roger J Zemp

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7289066/publications.pdf>

Version: 2024-02-01

10
papers

107
citations

1684188

5
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Parastillation and metastillation applied to bioethanol and neutral alcohol purification with energy savings. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 162, 108334.	3.6	9
2	Distillation Columns with Multiple Phase Divisions: How They Improve Thermodynamic Efficiency and Decrease Energy Consumption. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 15690-15705.	3.7	1
3	Influence of the Liquid or Vapor Split Ratios in Meta- or Parastillation Columns. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 15317-15331.	3.7	3
4	A new unified model to simulate columns with multiple phase divisions and their impact on energy savings. <i>Computers and Chemical Engineering</i> , 2020, 140, 106937.	3.8	7
5	Thermodynamic optimisation of distillation columns. <i>Chemical Engineering Science</i> , 2011, 66, 2920-2934.	3.8	55
6	Ethanol Production from Sugar Cane: Assessing the Possibilities of Improving Energy Efficiency through Exergetic Cost Analysis. <i>Heat Transfer Engineering</i> , 2009, 30, 272-281.	1.9	15
7	Driving force distribution and exergy loss in the thermodynamic analysis of distillation columns. <i>Computers and Chemical Engineering</i> , 1997, 21, S523-S528.	3.8	16
8	The E-S-T Method Based on the Grand Composite Curve Links Energy Consumption with Number of Stages and Stage Temperatures for Binary Mixture Distillation. <i>Process Integration and Optimization for Sustainability</i> , 0, , 1.	2.6	1
9	Desenvolvimento e implementaÃ§Ã£o de mÃ³dulos computacionais em um simulador de processos quÃ¢micos. , 0, , .		0
10	Desenvolvimento de experimentos demonstrativos de termodinÃ¢mica e mecÃ¢nica dos fluidos. , 0, , .		0