

# 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	Thermodynamic optimisation of distillation columns. Chemical Engineering Science, 2011, 66, 2920-2934.	3.8	55
2	Driving force distribution and exergy loss in the thermodynamic analysis of distillation columns. Computers and Chemical Engineering, 1997, 21, S523-S528.	3.8	16
3	Ethanol Production from Sugar Cane: Assessing the Possibilities of Improving Energy Efficiency through Exergetic Cost Analysis. Heat Transfer Engineering, 2009, 30, 272-281.	1.9	15
4	Parastillation and metastillation applied to bioethanol and neutral alcohol purification with energy savings. Chemical Engineering and Processing: Process Intensification, 2021, 162, 108334.	3.6	9
5	A new unified model to simulate columns with multiple phase divisions and their impact on energy savings. Computers and Chemical Engineering, 2020, 140, 106937.	3.8	7
6	Influence of the Liquid or Vapor Split Ratios in Meta- or Parastillation Columns. Industrial & Engineering Chemistry Research, 2020, 59, 15317-15331.	3.7	3
7	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. Process Integration and Optimization for Sustainability, 0, , 1.	2.6	1
8	Distillation Columns with Multiple Phase Divisions: How They Improve Thermodynamic Efficiency and Decrease Energy Consumption. Industrial & Engineering Chemistry Research, 2021, 60, 15690-15705.	3.7	1
9	Desenvolvimento e implementao de mdulos computacionais em um simulador de processos qumicos. , 0, , .		0
10	Desenvolvimento de experimentos demonstrativos de termodinmica e mecnica dos fluidos. , 0, , .		0