

Feishi Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/758578/publications.pdf>

Version: 2024-02-01

10
papers

165
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas-liquid hydrodynamics and mass transfer in microreactors under ultrasonic oscillation. Chemical Engineering Journal, 2020, 397, 125411.	12.7	31
2	Mass Transfer and Diffusion of a Single Bubble Rising in Polymer Solutions. Industrial & Engineering Chemistry Research, 2018, 57, 15181-15194.	3.7	22
3	Fast determination of gas-liquid diffusion coefficient by an innovative double approach. Chemical Engineering Science, 2017, 170, 68-76.	3.8	21
4	Comparison of three different techniques for gas-liquid mass transfer visualization. International Journal of Heat and Mass Transfer, 2020, 150, 119261.	4.8	17
5	Numerical investigation on the hydrodynamics of Taylor flow in ultrasonically oscillating microreactors. Chemical Engineering Science, 2021, 235, 116477.	3.8	17
6	Enhancement of gas-liquid mass transfer and mixing in zigzag microreactor under ultrasonic oscillation. Chemical Engineering Science, 2022, 247, 117094.	3.8	17
7	CFD Simulation of Internal Flow and Mixing within Droplets in a T-Junction Microchannel. Industrial & Engineering Chemistry Research, 2021, 60, 6038-6047.	3.7	15
8	Gas-Liquid Mass Transfer around a Rising Bubble: Combined Effect of Rheology and Surfactant. Fluids, 2021, 6, 84.	1.7	11
9	Using the "Red Bottle" Experiment for the Visualization and the Fast Characterization of Gas-Liquid Mass Transfer. Journal of Chemical Education, 2019, 96, 979-984.	2.3	8
10	Characterization of Bubble Shapes in Non-Newtonian Fluids by Parametric Equations. Chemical Engineering and Technology, 2019, 42, 2321-2330.	1.5	6