

# Felix MÄgler

## List of Publications by Year in descending order

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papers

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1684188  
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71  
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#	ARTICLE	IF	CITATIONS
1	Flow Regime Transition in Open-Cell Solid Foam Packed Reactors: Adaption of the Relative Permeability Concept and Experimental Validation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 9708-9721.	3.7	22
2	Hydrodynamics, mixing and mass transfer in a pilot-scale bubble column with dense internals. <i>Chemical Engineering Science</i> , 2019, 202, 491-507.	3.8	16
3	Advanced analysis of liquid dispersion and gas-liquid mass transfer in a bubble column with dense vertical internals. <i>Chemical Engineering Research and Design</i> , 2018, 134, 575-588.	5.6	10
4	Two-Bubble Class Approach Based on Measured Bubble Size Distribution for Bubble Columns with and without Internals. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 2759-2769.	3.7	9
5	Flow Regime Transitions in a Bubble Column with Internals Based on a Novel Approach. <i>Journal of Chemical Engineering of Japan</i> , 2018, 51, 373-382.	0.6	8
6	Comparative Hydrodynamic Analysis of Narrow and Pilot-Scale Bubble Columns with Internals. <i>Chemie-Ingenieur-Technik</i> , 2019, 91, 1339-1346.	0.8	5
7	A recirculation cell approach for hydrodynamic and mass transfer modeling in bubble columns with and without internals. <i>Chemical Engineering Journal</i> , 2020, 383, 123197.	12.7	5
8	Effect of Bath Depth and Nozzle Geometry on Spout Height in Submerged Gas Injection at Bottom. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 3002-3011.	2.1	4