

# Steffen Flaischlen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/357310/publications.pdf>

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papers

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1684188  
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#	ARTICLE	IF	CITATIONS
1	Local Structure Effects on Pressure Drop in Slender Fixed Beds of Spheres. <i>Chemie-Ingenieur-Technik</i> , 2021, 93, 273-281.	0.8	14
2	Flow field designs developed by comprehensive CFD model decrease system costs of vanadium redox-flow batteries. <i>Journal of Flow Chemistry</i> , 2021, 11, 461-481.	1.9	7
3	Computational Fluid Dynamics Simulation of CO <sub>2</sub> Methanation in a Fixed-bed Profile Reactor. <i>Computer Aided Chemical Engineering</i> , 2020, 48, 499-504.	0.5	1
4	Studying Computational Fluid Dynamics in a New Dimension with Virtual Reality. <i>Computer Aided Chemical Engineering</i> , 2020, 48, 2041-2046.	0.5	5
5	Enhancing the Thermal Performance of Slender Packed Beds through Internal Heat Fins. <i>Processes</i> , 2020, 8, 1528.	2.8	14
6	Computational Fluid Dynamics Modeling of Radiation in a Steam Methane Reforming Fixed-Bed Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 14410-14423.	3.7	25
7	Synthetic Packed-Bed Generation for CFD Simulations: Blender vs. STAR-CCM+. <i>ChemEngineering</i> , 2019, 3, 52.	2.4	50