

Steffen Flaischlen

List of Publications by Year in descending order

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papers

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citations

1684188

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1720034

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7
docs citations

7
times ranked

82
citing authors

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