

Tereza Trávníčková

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

116
citations

1478505

6
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of rotational speed on granular flow in a vertical bladed mixer. Powder Technology, 2015, 280, 180-190.	4.2	39
2	Contribution of Visitors to the Indoor PM in the National Library in Prague, Czech Republic. Aerosol and Air Quality Research, 2016, 16, 1713-1721.	2.1	18
3	Effect of Bed Depth on Granular Flow and Homogenization in a Vertical Bladed Mixer via Discrete Element Method. Chemical Engineering and Technology, 2015, 38, 1195-1202.	1.5	12
4	Granular dynamics in a vertical bladed mixer: Secondary flow patterns. Powder Technology, 2019, 344, 79-88.	4.2	11
5	Experiments on Bubble Breakup Induced by Collision with a Vortex Ring. Chemical Engineering and Technology, 2019, 42, 843-850.	1.5	10
6	Description of fluid dynamics and coupled transports in models of a laminar flow diffusion chamber. Journal of Chemical Physics, 2013, 139, 064701.	3.0	7
7	Air quality in archives housed in historic buildings: Assessment of concentration of indoor particles of outdoor origin. Building and Environment, 2020, 180, 107024.	6.9	7
8	Temperature-Dependent Diffusion of H ₂ SO ₄ in Air at Atmospherically Relevant Conditions: Laboratory Measurements Using Laminar Flow Technique. Atmosphere, 2017, 8, 132.	2.3	6
9	Dependence of Granular Materials Homogenization on Geometrical Aspects in Commonly Used Mixers via DEM. Springer Proceedings in Physics, 2017, , 1115-1122.	0.2	3
10	Laboratory study of H ₂ SO ₄ /H ₂ O nucleation using a new technique – a laminar co-flow tube. Tellus, Series B: Chemical and Physical Meteorology, 2018, 70, 1-11.	1.6	2
11	Front waves and complex spatiotemporal patterns in a reaction-diffusion-convection system with thermokinetic autocatalysis. Chaos, 2009, 19, 043125.	2.5	1
12	Modeling of complex dynamics in reaction-diffusion-convection model of cross-flow reactor with thermokinetic autocatalysis. Computer Aided Chemical Engineering, 2005, 20, 1207-1212.	0.5	0
13	Comparison of the transport models of a laminar flow diffusion chamber. , 2013, , .		0
14	Derivation and validation of a simplified analytical mass transfer model of the laminar co-flow tube for nucleation studies. International Journal of Heat and Mass Transfer, 2021, 179, 121705.	4.8	0
15	The Effect of Rotational Speed on Granular Dynamics and Homogenization in a Vertical Bladed Mixer. Springer Proceedings in Physics, 2017, , 1123-1131.	0.2	0