

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