

Hasan Jubaer

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

555
citations

1162367

8
h-index

1199166

12
g-index

14
all docs

14
docs citations

14
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially isolating salt crystallisation from water evaporation for continuous solar steam generation and salt harvesting. <i>Energy and Environmental Science</i> , 2019, 12, 1840-1847.	15.6	403
2	On the importance of droplet shrinkage in CFD-modeling of spray drying. <i>Drying Technology</i> , 2018, 36, 1785-1801.	1.7	25
3	On the effect of turbulence models on CFD simulations of a counter-current spray drying process. <i>Chemical Engineering Research and Design</i> , 2019, 141, 592-607.	2.7	23
4	Identification of regions in a spray dryer susceptible to forced agglomeration by CFD simulations. <i>Powder Technology</i> , 2019, 346, 23-37.	2.1	19
5	The impact of self-sustained oscillations on particle residence time in a commercial scale spray dryer. <i>Powder Technology</i> , 2020, 360, 1177-1191.	2.1	17
6	Simulation of a Heat Pump Dryer for Medicinal Plants. <i>Chemie-Ingenieur-Technik</i> , 2013, 85, 353-363.	0.4	12
7	Recent initiatives in effective modeling of spray drying. <i>Drying Technology</i> , 2021, 39, 1614-1647.	1.7	12
8	Non-Destructive characterisation of coke deposit on FCC catalyst and its transient evolution upon Air-Firing and Oxy-Fuel regeneration. <i>Chemical Engineering Journal</i> , 2022, 430, 132998.	6.6	11
9	Increasing the Energy Efficiency of Batch-Type Drying with Partial Air Recirculation. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 208-214.	0.4	9
10	Developing a Safe and Versatile Chemiluminescence Demonstration for Studying Reaction Kinetics. <i>Journal of Chemical Education</i> , 2019, 96, 522-527.	1.1	8
11	Computationally inexpensive simulation of agglomeration in spray drying while preserving structure related information using CFD. <i>Powder Technology</i> , 2020, 372, 372-393.	2.1	8
12	New perspectives on capturing particle agglomerates in CFD modeling of spray dryers. <i>Drying Technology</i> , 2020, 38, 685-694.	1.7	7
13	Implementation of P-Controller in Computational Fluid Dynamics (CFD) Simulation of a Pilot Scale Outlet Temperature Controlled Spray Dryer. , 0, , .		1
14	Bottlenecks in continuous hops drying with conveyor-belt dryer. <i>Drying Technology</i> , 0, , 1-19.	1.7	0