

Mykola Yukhymenko

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

82
citations

1478505

6
h-index

1474206

9
g-index

20
all docs

20
docs citations

20
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Research of plate granulator operation modes in the production of coarse carbamide granules. Technology Audit and Production Reserves, 2022, 1, .	0.2	1
2	Determining the main regularities in the process of mineral fertilizer granule encapsulation in the fluidized bed apparatus. Eastern-European Journal of Enterprise Technologies, 2021, 4, 23-32.	0.5	1
3	Multistage Shelf Devices with Fluidized Bed for Heat-Mass Transfer Processes: Experimental Studies and Practical Implementation. Applied Sciences (Switzerland), 2021, 11, 1159.	2.5	4
4	Pneumatic Classification of Granular Materials in Rhomb-Shaped Apparatus. Acta Mechanica Slovaca, 2021, 25, 46-51.	0.1	0
5	Convective Drying in the Multistage Shelf Dryers: Theoretical Bases and Practical Implementation. , 2020, , .		0
6	Hydrodynamics of Two-Phase Upflow in a Pneumatic Classifier with the Variable Cross-Section. Lecture Notes in Mechanical Engineering, 2020, , 216-227.	0.4	1
7	Cooling Process Intensification for Granular Mineral Fertilizers in a Multistage Fluidized Bed Device. Lecture Notes in Mechanical Engineering, 2020, , 249-257.	0.4	2
8	Effect of Temperature on Formation of Nanoporous Structure of Granule Shell in Technology of Obtaining Organo-mineral Fertilizers. Springer Proceedings in Physics, 2020, , 159-169.	0.2	4
9	Ensuring the Reliability of Pneumatic Classification Process for Granular Material in a Rhomb-Shaped Apparatus. Applied Sciences (Switzerland), 2019, 9, 1604.	2.5	17
10	Final Drying of the Porous Ammonium Nitrate in the Shelf Dryers: Impact of the Granules Flow Constraint Degree on the Nanoporous Structure Quality. , 2019, , .		2
11	Solving the Nonstationary Problem of the Disperse Phase Concentration during the Pneumoclassification Process of Mechanical Mixtures. Â½urnal inÂ¾enernih Nauk, 2019, 6, f1-f5.	0.6	6
12	Modelling of Separation and Air Classification Processes of Aerodisperse Systems in the Shelving Device. Â½urnal inÂ¾enernih Nauk, 2018, 5, F 5-F 9.	0.6	0
13	Estimation of gas flow dustiness in the main pipelines of booster compressor stations. IOP Conference Series: Materials Science and Engineering, 2017, 233, 012026.	0.6	7
14	Investigation of the kinetic laws affecting the organic suspension granulation in the fluidized bed. Eastern-European Journal of Enterprise Technologies, 2017, 4, 4-10.	0.5	8
15	The exergy analysis of energy efficiency of the technology of granulated phosphorus-potassium fertilizers. Eastern-European Journal of Enterprise Technologies, 2016, 5, 4-10.	0.5	4
16	Hydrodynamic and kinetic processes of the mineral fertilizer granules encapsulating in the multistage device with suspended layer. Eastern-European Journal of Enterprise Technologies, 2016, 6, 22-28.	0.5	6
17	Technology of producing granular fertilizers on an organic basis. Eastern-European Journal of Enterprise Technologies, 2016, 1, 19.	0.5	5
18	The mathematical model of hydrodynamics motion of two phase ascending flow in pneumatic classifiers of variable cross-section. Bulletin of the National Technical University Â«KhPIÂ» Series New Solutions in Modern Technologies, 2016, .	0.1	0

#	ARTICLE	IF	CITATIONS
19	Pneumatic Classification Of The Granular Materials In The "Rombic" Apparatus. VĚrobnĚ inĚřinierstvo, 2014, 13, .	0,1	1