

Dusan Ilic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5210074/publications.pdf>

Version: 2024-02-01

19
papers

226
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	On the challenges facing the handling of solid biomass feedstocks. <i>Biofuels, Bioproducts and Biorefining</i> , 2018, 12, 187-202.	3.7	45
2	Modelling bulk solid flow interactions in transfer chutes: Shearing flow. <i>Powder Technology</i> , 2019, 354, 30-44.	4.2	25
3	Understanding the pathogenesis of occupational coal and silica dust-associated lung disease. <i>European Respiratory Review</i> , 2022, 31, 210250.	7.1	25
4	Measurement and simulation of the bulk solid load on a conveyor belt during transportation. <i>Powder Technology</i> , 2017, 307, 190-202.	4.2	23
5	Modelling bulk solid interactions in transfer chutes: Accelerated flow. <i>Chemical Engineering Science</i> , 2019, 209, 115197.	3.8	19
6	Development of design criteria for reducing wear in iron ore transfer chutes. <i>Wear</i> , 2019, 434-435, 202986.	3.1	15
7	Application of open source FEM and DEM simulations for dynamic belt deflection modelling. <i>Powder Technology</i> , 2019, 357, 171-185.	4.2	15
8	Investigation of the dynamic deflection of conveyor belts via experimental and modelling methods. Measurement: <i>Journal of the International Measurement Confederation</i> , 2018, 127, 210-220.	5.0	14
9	Simulation and analysis of blending in a conveyor transfer system. <i>Minerals Engineering</i> , 2020, 157, 106575.	4.3	13
10	Transverse bulk solid behaviour during discharge from troughed belt conveyors. <i>Advanced Powder Technology</i> , 2017, 28, 2410-2430.	4.1	12
11	Assessment of biomass bulk elastic response to consolidation. <i>Chemical Engineering Research and Design</i> , 2018, 135, 185-196.	5.6	9
12	Conveying and Construction Machinery. <i>Springer Handbooks</i> , 2021, , 829-991.	0.6	3
13	Use of Discrete Element Modelling to Evaluate the Parameters of the Sampling Theory in the Feed Grade Sampler of a Sulphide Gold Plant. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 978.	2.0	3
14	An experimental investigation on plug formation using fuzzy cottonseeds. <i>Powder Technology</i> , 2022, 398, 117131.	4.2	3
15	Bulk Solid Interactions in Belt Conveying Systems: Transition Zone. <i>Particle and Particle Systems Characterization</i> , 2007, 24, 345-351.	2.3	2
16	Design of Self Compensating Soft Loading Hood. <i>Particle and Particle Systems Characterization</i> , 2007, 24, 370-374.	2.3	0
17	Investigating Short-Term and Long-Term Effects of Different Coal Dust (PM10) Exposures on Respiratory Health. , 2020, , .		0
18	THE IMPORTANCE OF IRON ORE CHARACTERISATION AND DEM MODELLING IN MATERIALS HANDLING APPLICATIONS WITH A FOCUS ON WEAR. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	TOWARDS THE DEVELOPMENT OF DESIGN CRITERIA FOR REDUCED WEAR IN IRON ORE TRANSFERS. , 0, , .		0