

Martin Morgeneyer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5632579/publications.pdf>

Version: 2024-02-01

44
papers

776
citations

471061
17
h-index

552369
26
g-index

46
all docs

46
docs citations

46
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	Airborne nanoparticle collection efficiency of a TEM grid-equipped sampling system. <i>Aerosol Science and Technology</i> , 2021, 55, 526-538.	1.5	5
2	Representativeness of airborne brake wear emission for the automotive industry: A review. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2021, 235, 2651-2666.	1.1	6
3	Uncertainty assessment for the airborne nanoparticle collection efficiency of a TEM grid-equipped sampling system by Monte-Carlo calculation. <i>Advanced Powder Technology</i> , 2021, 32, 1793-1801.	2.0	7
4	State of the art of particle emissions in thermal spraying and other high energy processes based on metal powders. <i>Journal of Cleaner Production</i> , 2021, 303, 126952.	4.6	17
5	Parametric study of the particle motion induced by a vortex shaker. <i>Powder Technology</i> , 2020, 374, 70-81.	2.1	1
6	Comparative review of efficiency analysis for airborne solid submicrometer particle sampling by nuclepore filters. <i>Chemical Engineering Research and Design</i> , 2020, 164, 338-351.	2.7	3
7	Emission rate assessment of airborne brake particles by characterization of the pad and disc surfaces from a pin-on-disc tribometer. <i>Toxicology Research and Application</i> , 2020, 4, 239784732097778.	0.7	6
8	Sanding and analysis of dust from nano-silica filled composite resins for stereolithography. <i>Chemical Engineering Research and Design</i> , 2020, 156, 23-30.	2.7	3
9	Towards a theoretical understanding of dustiness. <i>Granular Matter</i> , 2019, 21, 1.	1.1	7
10	Airborne nanoparticle (Nanoaerosol) sampling efficiency analysis based on filtration on TEM grid. <i>Journal of Physics: Conference Series</i> , 2019, 1323, 012002.	0.3	0
11	Relevance of pin-on-disc and inertia dynamometer bench experiments for braking emission studies. <i>Journal of Physics: Conference Series</i> , 2019, 1323, 012025.	0.3	6
12	Exposure assessment of Nanomaterials at production sites by a Short Time Sampling (STS) approach. <i>Chemical Engineering Research and Design</i> , 2018, 116, 324-332.	2.7	25
13	Long-term dust generation from silicon carbide powders. <i>Chemical Engineering Research and Design</i> , 2018, 116, 115-125.	2.7	6
14	Assessment of functional nanomaterials in medical applications: can time mend public and occupational health risks related to the products' fate?. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 957-973.	1.1	20
15	STEM imaging to characterize nanoparticle emissions and help to design nanosafe paints. <i>Chemical Engineering Research and Design</i> , 2018, 136, 663-674.	2.7	21
16	Effect of Particle Size and Cohesion on Powder Yielding and Flow. <i>KONA Powder and Particle Journal</i> , 2018, 35, 226-250.	0.9	77
17	Study of the particle motion induced by a vortex shaker. <i>Powder Technology</i> , 2017, 322, 54-64.	2.1	5
18	Dust generation in powders: Effect of particle size distribution. <i>EPJ Web of Conferences</i> , 2017, 140, 13018.	0.1	8

#	ARTICLE	IF	CITATIONS
19	Environmental release of engineered nanomaterials from commercial tiles under standardized abrasion conditions. <i>Journal of Hazardous Materials</i> , 2017, 322, 276-283.	6.5	23
20	Development of an Experimental Setup for the Measurement of the Coefficient of Restitution under Vacuum Conditions. <i>Journal of Visualized Experiments</i> , 2016, , e53299.	0.2	3
21	Experimental Protocol to Investigate Particle Aerosolization of a Product Under Abrasion and Under Environmental Weathering. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	0
22	Slow stress relaxation behavior of cohesive powders. <i>Powder Technology</i> , 2016, 293, 82-93.	2.1	13
23	Exposure Assessment Based Recommendations to Improve Nanosafety at Nanoliposome Production Sites. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-10.	1.5	16
24	Emission of Titanium Dioxide Nanoparticles from Building Materials to the Environment by Wear and Weather. <i>Environmental Science & Technology</i> , 2015, 49, 2163-2170.	4.6	98
25	First development to model aerosol emission from solid surfaces subjected to mechanical stresses: I. Development and results. <i>Journal of Aerosol Science</i> , 2015, 89, 43-57.	1.8	10
26	Review on the influence of elastic particle properties on DEM simulation results. <i>Powder Technology</i> , 2015, 283, 66-76.	2.1	71
27	First development to model aerosol emission from solid surfaces subjected to mechanical stresses: II. Experiment-theory comparison, simulation and sensibility analysis. <i>Journal of Aerosol Science</i> , 2015, 89, 1-17.	1.8	13
28	A new method for the determination of particle contact stiffness. <i>Granular Matter</i> , 2015, 17, 83-93.	1.1	24
29	Use of a modified Taber abrasion apparatus for investigating the complete stress state during abrasion and in-process wear particle aerosol generation. <i>Chemical Engineering Research and Design</i> , 2015, 93, 251-256.	2.7	24
30	Examples and Case Studies. , 2014, , 223-278.		3
31	Experimental Study of the Aerosolization from a Carbon Nanotube Bulk by a Vortex Shaker. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-11.	1.5	15
32	A Review on the Study of the Generation of (Nano)particles Aerosols during the Mechanical Solicitation of Materials. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-16.	1.5	19
33	Evaluation of the Particle Aerosolization from n-TiO ₂ Photocatalytic Nanocoatings under Abrasion. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-11.	1.5	11
34	Dust generation from powders: A characterization test based on stirred fluidization. <i>Powder Technology</i> , 2014, 255, 141-148.	2.1	19
35	Effect of the Normal Load on the Release of Aerosol Wear Particles During Abrasion. <i>Tribology Letters</i> , 2014, 55, 227-234.	1.2	11
36	Calibration and validation of DEM rolling and sliding friction coefficients in angle of repose and shear measurements. <i>AIP Conference Proceedings</i> , 2013, , .	0.3	31

#	ARTICLE	IF	CITATIONS
37	Experimental study of the aerosolization of fine alumina particles from bulk by a vortex shaker. Powder Technology, 2013, 246, 583-589.	2.1	23
38	Investigation of the Release of Particles from a Nanocoated Product. Advances in Nanoparticles, 2013, 02, 39-44.	0.3	22
39	Use of organic byproducts as binders in the roll compaction of caustic magnesia. Powder Technology, 2012, 226, 173-179.	2.1	11
40	Study on the mechanical strength of primary carbonate tablets. Powder Technology, 2010, 204, 124-130.	2.1	13
41	Steady state flow of cohesive and non-cohesive powders. Granular Matter, 2008, 10, 285-293.	1.1	18
42	Compaction of bidisperse cohesive powders. Granular Matter, 2008, 10, 295-299.	1.1	13
43	Visualization of Shear Motions of Cohesive Powders in the True Biaxial Shear Tester. Particulate Science and Technology, 2007, 26, 43-54.	1.1	11
44	Adhesion of carbonyl iron powder particles studied by atomic force microscopy. Journal of Adhesion Science and Technology, 2005, 19, 199-213.	1.4	18