

Kamyar Hashemnia

List of Publications by Year in descending order

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17
papers

372
citations

1040056

9
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical study of ball size effect on restitution coefficient in low velocity impacts. International Journal of Impact Engineering, 2010, 37, 1037-1044.	5.0	85
2	Vibrational analysis of carbon nanotubes and graphene sheets using molecular structural mechanics approach. Computational Materials Science, 2009, 47, 79-85.	3.0	74
3	Study the effect of vibration frequency and amplitude on the quality of fluidization of a vibrated granular flow using discrete element method. Powder Technology, 2018, 327, 335-345.	4.2	40
4	Particle impact velocities in a vibrationally fluidized granular flow: Measurements and discrete element predictions. Chemical Engineering Science, 2014, 109, 123-135.	3.8	33
5	Effect of flow pulsation on fluidization degree of gas-solid fluidized beds by using coupled CFD-DEM. Advanced Powder Technology, 2018, 29, 3527-3541.	4.1	31
6	Development of a laser displacement probe to measure particle impact velocities in vibrationally fluidized granular flows. Powder Technology, 2013, 235, 940-952.	4.2	24
7	Effect of vibration characteristics on the performance of mixing in a vertically vibrated bed of a binary mixture of spherical particles. Chemical Engineering Science, 2019, 207, 942-957.	3.8	22
8	Finite element continuum modeling of vibrationally-fluidized granular flows. Chemical Engineering Science, 2015, 129, 91-105.	3.8	17
9	Dynamical analysis of carbon nanotubes conveying water considering carbon-water bond potential energy and nonlocal effects. Computational Materials Science, 2011, 50, 828-834.	3.0	14
10	Studying the particle size ratio effect on granular mixing in a vertically vibrated bed of two particle types. Particuology, 2020, 53, 100-111.	3.6	10
11	Experimental study of the effect of temperature on the coefficient of restitution of steel balls impact to some industrial metal sheets at elevated temperatures. Powder Technology, 2020, 368, 170-177.	4.2	7
12	Experimental and finite element analysis of oblique impacts with different initial spins. Mechanics Research Communications, 2019, 99, 68-72.	1.8	5
13	Investigating impact-induced vibrations of fluid-conveying elastic pipes considering Hertz theory. Mechanics Research Communications, 2021, 116, 103762.	1.8	4
14	Influence of vibration characteristics on temperature uniformity of particles during heating processes in a vibrationally fluidized bed. Powder Technology, 2022, 396, 596-614.	4.2	4
15	Studying the design parameters of an auger filler in packaging black pepper seeds using the discrete element method. Particulate Science and Technology, 2023, 41, 11-21.	2.1	2
16	Parameter Study of Dynamical Behavior of Carbon Nanotubes Conveying Water Considering Carbon-Water Bond. , 2010, , .		0
17	MNS-07 FREE VIBRATION ANALYSIS OF CARBON NANOTUBES AND GRAPHENE SHEETS USING MOLECULAR STRUCTURAL MECHANICS APPROACH(Micro/Nanosystem Science and Technology II,Technical Program) Tj ETQq1 1 0.784314 rgBT /Ov Information and Precision Equipment IIP/ISPS Joint MIPE. 2009. 2009. 97-98.	1.0	0