

Discrete particle simulation of particulate systems: A review of recent findings

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Comparison of experimental and FEM/DEM results for gravitational deposition of identical cubes. Engineering Computations, 2004, 21, 249-264.	1.4	21
2	Simulating a direct shear box test by DEM. Canadian Geotechnical Journal, 2006, 43, 155-168.	2.8	57
3	Discrete Particle Simulation of Particle Flow in the IsaMill Process. Industrial & Engineering Chemistry Research, 2006, 45, 6349-6359.	3.7	44
4	Three-dimensional simulations of a vertically vibrated granular bed including interstitial air. Physical Review E, 2009, 79, 051301.	2.1	8
5	Computer Simulation of Particle Segregation Process Using 3D Discrete Element Method. , 2009, , .		0
6	Vibrated granular bed on a bumpy surface. Physical Review E, 2009, 79, 041302.	2.1	14
7	Towards dense, realistic granular media in 2D. Nonlinearity, 2009, 22, R101-R146.	1.4	70
8	Flow Regimes in Vertical Pneumatic Conveying. , 2009, , .		2
9	Simulation of the Flow and Segregation of Particle Mixtures in Liquid Fluidization. , 2009, , .		15
10	DEM simulation of cake formation in sedimentation and filtration. Minerals Engineering, 2009, 22, 921-930.	4.3	53
11	DEM simulation of particle flow on a multi-deck banana screen. Minerals Engineering, 2009, 22, 910-920.	4.3	130
12	Particle scale study of heat transfer in packed and bubbling fluidized beds. AIChE Journal, 2009, 55, 868-884.	3.6	261
13	Stress fields of solid flow in a model blast furnace. Granular Matter, 2009, 11, 269-280.	2.2	15
14	Numerical analysis of the heterogeneous gas-solid flow in fluidized beds. Journal of the Taiwan Institute of Chemical Engineers, 2009, 40, 645-653.	5.3	3
15	Averaging method of particulate systems and its application to particle-fluid flow in a fluidized bed. Science Bulletin, 2009, 54, 4309-4317.	9.0	10
16	The effect of hydrophobic surface modification on bulk cohesive strength. Powder Technology, 2009, 194, 1-9.	4.2	3
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18	Computational Study of Flow Regimes in Vertical Pneumatic Conveying. Industrial & Engineering Chemistry Research, 2009, 48, 6846-6858.	3.7	72

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20	The frictional strength of granular fault gouge: application of theory to the mechanics of low-angle normal faults. Geological Society Special Publication, 2009, 321, 9-31.	1.3	6
21	A Review of Eulerian Simulation of Geldart A Particles in Gas-Fluidized Beds. Industrial & Engineering Chemistry Research, 2009, 48, 5567-5577.	3.7	112
22	DENSITY SEGREGATION OF BINARY GRANULAR MIXTURES IN BUMPY VIBRATED BEDS. , 2009, , .		0
23	Modelling the Multiphase Flow in Dense Medium Cyclones. Journal of Computational Multiphase Flows, 2010, 2, 249-272.	0.8	8
24	Numerical Investigation of the Transient Multiphase Flow in an Ironmaking Blast Furnace. ISIJ International, 2010, 50, 515-523.	1.4	56
25	Mixing of particles and powders: Where next?. Particuology, 2010, 8, 563-567.	3.6	41
26	Numerical study on particle removal performance of pickup head for a street vacuum sweeper. Powder Technology, 2010, 200, 16-24.	4.2	22
27	Numerical simulation of the in-line pressure jig unit in coal preparation. Minerals Engineering, 2010, 23, 301-312.	4.3	22
28	Density segregation in vibrated granular beds with bumpy surfaces. AIChE Journal, 2010, 56, 2588-2597.	3.6	32
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#	ARTICLE	IF	CITATIONS
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62	Prediction of the disc wear in a model IsaMill and its effect on the flow of grinding media. <i>Minerals Engineering</i> , 2011, 24, 1586-1594.	4.3	16
63	Simulation of the screening process on a circularly vibrating screen using 3D-DEM. <i>Mining Science and Technology</i> , 2011, 21, 677-680.	0.3	45
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#	ARTICLE	IF	CITATIONS
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