

Numerical studies of uniaxial powder compaction process

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Comparison of soft-sphere models to measurements of collision properties during normal impacts. Powder Technology, 2005, 154, 99-109.	2.1	210
2	Implementation of Particle-scale Rotation in the 3-D Lattice Solid Model. Pure and Applied Geophysics, 2006, 163, 1769-1785.	0.8	80
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5	A simple and efficient approach to capturing bonding effect in naturally microstructured sands by discrete element method. International Journal for Numerical Methods in Engineering, 2007, 69, 1158-1193.	1.5	98
6	Modeling Wing Crack Extension: Implications for the Ingredients of Discrete Element Model. Pure and Applied Geophysics, 2008, 165, 609-620.	0.8	46
7	Criteria for static equilibrium in particulate mechanics computations. International Journal for Numerical Methods in Engineering, 2008, 75, 1581-1606.	1.5	40
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17	Microstructure effects on transverse cracking in composite laminae by DEM. Composites Science and Technology, 2010, 70, 2093-2101.	3.8	47
18	Compression mechanics of granule beds: A combined finite/discrete element study. Chemical Engineering Science, 2010, 65, 2464-2471.	1.9	38

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19	Discrete element modeling of the microbond test of fiber reinforced composite. Computational Materials Science, 2010, 49, 253-259.	1.4	59
20	Modeling progressive delamination of laminated composites by discrete element method. Computational Materials Science, 2011, 50, 858-864.	1.4	43
21	3D Simulation of Internal Tablet Strength During Tableting. AAPS PharmSciTech, 2011, 12, 593-603.	1.5	18
22	Three dimensional discrete element modeling of granular media under cyclic constant volume loading: A micromechanical perspective. Powder Technology, 2011, 212, 1-16.	2.1	44
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24	Computational simulation of frictional drill-bit movement in cemented granular materials. Finite Elements in Analysis and Design, 2011, 47, 877-885.	1.7	8
25	Numerical Modelling of Damage Progression in Single-Fiber Composite under Axial Tension. Advanced Materials Research, 0, 268-270, 280-285.	0.3	0
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56	Discrete modelling of the compaction of non-spherical particles using a multi-sphere approach. Minerals Engineering, 2018, 117, 108-116.	1.8	49
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75	A DEM modeling of biomass fast pyrolysis in a double auger reactor. <i>International Journal of Heat and Mass Transfer</i> , 2020, 150, 119308.	2.5	23
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