

Zhengyu Liang

List of Publications by Year in descending order

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232
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the effects of particle shape and content of fines on the shear behavior of sand-fines mixtures via the DEM. <i>Computers and Geotechnics</i> , 2019, 106, 161-176.	2.3	146
2	A particle shape extraction and evaluation method using a deep convolutional neural network and digital image processing. <i>Powder Technology</i> , 2019, 353, 156-170.	2.1	50
3	DEM modeling of large-scale triaxial test of rock clasts considering realistic particle shapes and flexible membrane boundary. <i>Engineering Geology</i> , 2020, 279, 105871.	2.9	50
4	Stochastic numerical model of stone-based materials with realistic stone-inclusion features. <i>Construction and Building Materials</i> , 2019, 197, 830-848.	3.2	34
5	Random generation of convex aggregates for DEM study of particle shape effect. <i>Construction and Building Materials</i> , 2021, 268, 121468.	3.2	33
6	Quantitative analysis of the three-dimensional roundness of granular particles. <i>Powder Technology</i> , 2018, 336, 584-593.	2.1	27
7	A three-dimensional particle roundness evaluation method. <i>Granular Matter</i> , 2018, 20, 1.	1.1	26
8	Random generation of 2D geometry-controlled particles via the epicycle series. <i>Granular Matter</i> , 2020, 22, 1.	1.1	5
9	Shape quantification of volcanic cinders and the influence of particle shape indexes on accumulation characteristics. <i>International Journal of Pavement Engineering</i> , 2023, 24, 1-12.	2.2	3