

Stress-Strain Response and Dilatancy of Sandy Gravel in Strain

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Deformation Behavior of Recycled Concrete Aggregate during Cyclic and Dynamic Loading Laboratory Tests. <i>Materials</i> , 2016, 9, 780.	1.3	14
2	Monotonic, Cyclic, and Postcyclic Simple Shear Response of Three Uniform Gravels in Constant Volume Conditions. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2017, 143, .	1.5	46
3	Strengthâ€“dilatancy relation of sand containing non-plastic fines. <i>Geotechnique Letters</i> , 2017, 7, 204-210.	0.6	37
4	Resistance Factors for the Ultimate Limit State Design of Footings on Clays Reinforced with Stone Columns. , 2017, , .		1
5	Correlations among some parameters of coarse-grained soils â€” the multivariate probability distribution model. <i>Canadian Geotechnical Journal</i> , 2017, 54, 1203-1220.	1.4	22
6	Reliability-based design of spread footings on clays reinforced with aggregate piers. <i>Georisk</i> , 2017, 11, 75-89.	2.6	4
7	Effects of compaction on the seismic performance of embankments built with gravel. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 106, 231-242.	1.9	15
8	Stress-Strain-Strength Response and Ductility of Gravels Improved by Polyurethane Foam Adhesive. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	1.5	75
9	Nonlinear regression model for peak-failure strength of rockfill materials in general stress space. <i>Geoscience Frontiers</i> , 2018, 9, 1699-1709.	4.3	11
10	Friction and Dilatancy Angles of Granular Soils Incorporating Effects of Shearing Modes. <i>International Journal of Geomechanics</i> , 2018, 18, .	1.3	15
11	Fractal crushing of carbonate and quartz sands along the specimen height under impact loading. <i>Construction and Building Materials</i> , 2018, 182, 188-199.	3.2	53
12	Macro and micro investigation of gravel content on simple shear behavior of sand-gravel mixture. <i>Construction and Building Materials</i> , 2019, 221, 730-744.	3.2	56
13	An interpretation of the influence of particle shape on the mechanical behavior of granular material. <i>Granular Matter</i> , 2019, 21, 1.	1.1	27
14	Effect of Particle Shape on Stress-Dilatancy Responses of Medium-Dense Sands. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	1.5	207
15	Effects of particle size on crushing and deformation behaviors of rockfill materials. <i>Geoscience Frontiers</i> , 2020, 11, 375-388.	4.3	116
16	Large-Scale True Triaxial Test on Stress-Strain and Strength Properties of Rockfill. <i>International Journal of Geomechanics</i> , 2020, 20, .	1.3	12
17	Cyclic Response of Loose Anisotropically Consolidated Calcareous Sand under Progressive Waveâ€“Induced Elliptical Stress Paths. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	1.5	8
18	Exploring the relationship between particle shape and critical state parameters for granular materials using DEM. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	5

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19	Stress-Dilatancy of Unsaturated Soil. , 2020, , .		4
20	Influence of grain shape on stress-dilatancy parameters. Granular Matter, 2021, 23, 1.	1.1	8
21	Experimental and Numerical Studies on the Direct Shear Behavior of Sand–RCA (Recycled Concrete) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	2
22	Experimental Study on the Applicability of Failure Criteria for Rockfill in Three-Dimensional Stress Conditions. International Journal of Geomechanics, 2021, 21, .	1.3	2
23	Strength and dilatancy of coral sand in the South China Sea. Bulletin of Engineering Geology and the Environment, 2021, 80, 8279-8299.	1.6	23
24	Stress-Strain Response and Dilation of Geogrid-Reinforced Coarse-Grained Soils in Large-Scale Direct Shear Tests. Geotechnical Testing Journal, 2018, 41, 20160089.	0.5	11
25	The Mechanical Properties of Naturally Deposited Soft Soil under True Three-Dimensional Stress States. Geotechnical Testing Journal, 2019, 42, 1370-1383.	0.5	2
26	Evaluation Indices and Design Method to Determine the Rolling Density of Dam Shell Sandy Gravel Material. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	0
27	A systematic framework for DEM study of realistic gravel-sand mixture from particle recognition to macro- and micro-mechanical analysis. Transportation Geotechnics, 2022, 34, 100693.	2.0	7
28	Friction and maximum dilatancy angles of granular soils incorporating low plastic fines and depositional techniques effects. European Journal of Environmental and Civil Engineering, 2022, 26, 7503-7525.	1.0	12
29	Experimental Study on the Dilatancy Characteristics and Equation of Saturated Sand–Gravel Composites during the Whole Shearing Process. International Journal of Geomechanics, 2022, 22, .	1.3	4
30	Impact of the overall regularity and related granulometric characteristics on the critical state soil mechanics of natural sands: a state-of-the-art review. Geomechanics and Geoengineering, 2023, 18, 299-308.	0.9	16
31	DEM Analysis and Simplified Calculation of Passive Earth Pressure on Retaining Walls Backfilled with Sand Considering Strain-Softening Behavior. Geofluids, 2022, 2022, 1-12.	0.3	1
32	Large Displacement Finite Element Modelling of the Screw Driving Sounding Test in Sandy Soil Using the Coupled Eulerian-Lagrangian Method. Geotechnics, 2022, 2, 441-456.	1.2	0
33	Elastoplastic Constitutive Model of Sand–Gravel Composites Considering the Whole Shearing Process. Journal of Engineering Mechanics - ASCE, 2022, 148, .	1.6	3
34	Undrained dynamic response of naturally high-strength sensitive clay to bidirectional cyclic loadings under the plane strain condition. Soil Dynamics and Earthquake Engineering, 2022, 163, 107517.	1.9	2
35	Permanent and resilient deformation behaviour of recycled concrete aggregates from different sources, in pavement base and subbase. Road Materials and Pavement Design, 2023, 24, 2245-2262.	2.0	3
36	Small DEM sample size can lead to qualitatively erroneous results. Acta Geotechnica, 0, , .	2.9	1

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42	Discussion of "Experimental Study on Mechanical Behavior of Sand Improved by Polyurethane Foam" by Ghasemi et al. (2023), Published in Experimental Techniques. DOI.org/10.1007/s40799-023-00633-5. Experimental Techniques, 0, , .	0.9	0