

Mehmet B Cil

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

223
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Particle Morphology on the Friction and Dilatancy of Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	3.0	81
2	DEM assessment of scaling laws capturing the grain size dependence of yielding in granular soils. Granular Matter, 2016, 18, 1.	2.2	50
3	3D Experimental Measurement of Lattice Strain and Fracture Behavior of Sand Particles Using Synchrotron X-Ray Diffraction and Tomography. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, .	3.0	36
4	Evolution of particle morphology and mode of fracture during the oedometric compression of sand. Geotechnique, 2021, 71, 853-865.	4.0	27
5	A rateâ€dependent constitutive model for brittle granular materials based on breakage mechanics. Journal of the American Ceramic Society, 2019, 102, 5524-5534.	3.8	15
6	Solute mixing regulates heterogeneity of mineral precipitation in porous media. Geophysical Research Letters, 2017, 44, 6658-6666.	4.0	14
7	Micromechanical Modeling of Proppants for Hydraulic Fracturing. , 2016, , .		0