Hyoung Suk Suh

List of Publications by Year
in descending order

13 papers	260 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	226 citing authors

#	Article	IF	Citations
1	Multiâ€phaseâ€field microporomechanics model for simulating iceâ€lens growth in frozen soil. International Journal for Numerical and Analytical Methods in Geomechanics, 2022, 46, 2307-2336.	3.3	15
2	An offline multiâ€scale unsaturated poromechanics model enabled by selfâ€designed/selfâ€improved neural networks. International Journal for Numerical and Analytical Methods in Geomechanics, 2021, 45, 1212-1237.	3.3	19
3	An immersed phase field fracture model for microporomechanics with Darcyâ€“Stokes flow. Physics of Fluids, 2021, 33, .	4.0	9
4	Asynchronous phase field fracture model for porous media with thermally non-equilibrated constituents. Computer Methods in Applied Mechanics and Engineering, 2021, 387, 114182.	6.6	12
5	A phase field model for cohesive fracture in micropolar continua. Computer Methods in Applied Mechanics and Engineering, 2020, 369, 113181.	6.6	31
6	An immersed phase field fracture model in fluid-infiltrating porous media with evolving Beavers-Joseph-Saffman condition. E3S Web of Conferences, 2020, 205, 03009.	0.5	1
7	Reliability and applicability of the Krumbein-Sloss chart for estimating geomechanical properties in sands. Engineering Geology, 2019, 248, 117-123.	6.3	8
8	AN OPEN-SOURCE FENICS IMPLEMENTATION OF A PHASE FIELD FRACTURE MODEL FOR MICROPOLAR CONTINUA. International Journal for Multiscale Computational Engineering, 2019, 17, 639-663.	1.2	9
9	Modification of capillary pressure by considering pore throat geometry with the effects of particle shape and packing features on water retention curves for uniformly graded sands. Computers and Geotechnics, 2018, 95, 129-136.	4.7	18
10	Particle shape effect on thermal conductivity and shear wave velocity in sands. Acta Geotechnica, 2017, 12, 615-625.	5.7	43
11	Quantification of bulk form and angularity of particle with correlation of shear strength and packing density in sands. Engineering Geology, 2017, 220, 256-265.	6.3	52
12	Capillary pressure at irregularly shaped pore throats: Implications for water retention characteristics. Advances in Water Resources, 2017, 110, 51-58.	3.8	21
13	Effect of particle shape on the shear strength of fault gouge. Geosciences Journal, 2016, 20, 351-359.	1.2	22