

# Hyoung Suk Suh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4804847/publications.pdf>

Version: 2024-02-01

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