Sang Yeob Kim

List of Publications by Year
in descending order

15 papers	160 citations	1307543 7 h-index	1199563 12 g-index
16 all docs	16 docs citations	16 times ranked	58 citing authors

#	Article	IF	Citations
1	Compressibility, stiffness and electrical resistivity characteristics of sandâ€“diatom mixtures. Geotechnique, 2022, 72, 1068-1081.	4.0	6
2	Effects of frozen water content and silt fraction on unconfined compressive behavior of fill materials. Construction and Building Materials, 2021, 266, 120912.	7.2	7
3	Coarse-fine mixtures subjected to repetitive Ko loading: Effects of fines fraction, particle shape, and size ratio. Powder Technology, 2021, 377, 575-584.	4.2	9
4	Soil Response during Globally Drained and Undrained Freezeâ€“Thaw Cycles under Deviatoric Loading. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	3.0	8
5	Evaluation of Thawing and Stress Restoration Method for Artificial Frozen Sandy Soils Using Sensors. Sensors, 2021, 21, 1916.	3.8	1
6	Comparative Study on Estimation Methods of Dynamic Resistance Using Dynamic Cone Penetrometer. Sensors, 2021, 21, 3085.	3.8	7
7	Response of Transitional Mixtures Retaining Memory of In-Situ Overburden Pressure Monitored Using Electromagnetic and Piezo Crystal Sensors. Sensors, 2021, 21, 2570.	3.8	1
8	Energy correction of dynamic cone penetration index for reliable evaluation of shear strength in frozen sandâ€“silt mixtures. Acta Geotechnica, 2020, 15, 947-961.	5.7	15
9	Strength Characteristics of Sandâ€“Silt Mixtures Subjected to Cyclic Freezing-Thawing-Repetitive Loading. Sensors, 2020, 20, 5381.	3.8	3
10	Variations in Velocity and Sensitivity of Electromagnetic Waves in Transmission Lines Configured in Model Piles with Necking Defects Containing Soils. Sensors, 2020, 20, 6541.	3.8	5
11	Dynamic Cone Penetrometer Incorporated with Time Domain Reflectometry (TDR) Sensors for the Evaluation of Water Contents in Sandy Soils. Sensors, 2019, 19, 3841.	3.8	14
12	Role of the coefficient of uniformity on the California bearing ratio, penetration resistance, and small strain stiffness of coarse arctic soils. Cold Regions Science and Technology, 2019, 160, 230-241.	3.5	17
13	Assessing subgrade strength using an instrumented dynamic cone penetrometer. Soils and Foundations, 2019, 59, 930-941.	3.1	21
14	Silt fraction effects of frozen soils on frozen water content, strength, and stiffness. Construction and Building Materials, 2018, 183, 565-577.	7.2	32
15	Strength and stiffness assessment of railway track substructures using crosshole-type dynamic cone penetrometer. Soil Dynamics and Earthquake Engineering, 2017, 100, 88-97.	3.8	14