

Sang Yeob Kim

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

160
citations

1307543

7
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1199563

12
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16
docs citations

16
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Silt fraction effects of frozen soils on frozen water content, strength, and stiffness. <i>Construction and Building Materials</i> , 2018, 183, 565-577.	7.2	32
2	Assessing subgrade strength using an instrumented dynamic cone penetrometer. <i>Soils and Foundations</i> , 2019, 59, 930-941.	3.1	21
3	Role of the coefficient of uniformity on the California bearing ratio, penetration resistance, and small strain stiffness of coarse arctic soils. <i>Cold Regions Science and Technology</i> , 2019, 160, 230-241.	3.5	17
4	Energy correction of dynamic cone penetration index for reliable evaluation of shear strength in frozen sand-silt mixtures. <i>Acta Geotechnica</i> , 2020, 15, 947-961.	5.7	15
5	Dynamic Cone Penetrometer Incorporated with Time Domain Reflectometry (TDR) Sensors for the Evaluation of Water Contents in Sandy Soils. <i>Sensors</i> , 2019, 19, 3841.	3.8	14
6	Strength and stiffness assessment of railway track substructures using crosshole-type dynamic cone penetrometer. <i>Soil Dynamics and Earthquake Engineering</i> , 2017, 100, 88-97.	3.8	14
7	Coarse-fine mixtures subjected to repetitive K_0 loading: Effects of fines fraction, particle shape, and size ratio. <i>Powder Technology</i> , 2021, 377, 575-584.	4.2	9
8	Soil Response during Globally Drained and Undrained Freeze-Thaw Cycles under Deviatoric Loading. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, .	3.0	8
9	Effects of frozen water content and silt fraction on unconfined compressive behavior of fill materials. <i>Construction and Building Materials</i> , 2021, 266, 120912.	7.2	7
10	Comparative Study on Estimation Methods of Dynamic Resistance Using Dynamic Cone Penetrometer. <i>Sensors</i> , 2021, 21, 3085.	3.8	7
11	Compressibility, stiffness and electrical resistivity characteristics of sand-diatom mixtures. <i>Geotechnique</i> , 2022, 72, 1068-1081.	4.0	6
12	Variations in Velocity and Sensitivity of Electromagnetic Waves in Transmission Lines Configured in Model Piles with Necking Defects Containing Soils. <i>Sensors</i> , 2020, 20, 6541.	3.8	5
13	Strength Characteristics of Sand-Silt Mixtures Subjected to Cyclic Freezing-Thawing-Repetitive Loading. <i>Sensors</i> , 2020, 20, 5381.	3.8	3
14	Evaluation of Thawing and Stress Restoration Method for Artificial Frozen Sandy Soils Using Sensors. <i>Sensors</i> , 2021, 21, 1916.	3.8	1
15	Response of Transitional Mixtures Retaining Memory of In-Situ Overburden Pressure Monitored Using Electromagnetic and Piezo Crystal Sensors. <i>Sensors</i> , 2021, 21, 2570.	3.8	1