

Viroon Kamchoom

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Mechanism of biochar soil poreâ€“gasâ€“water interaction: gas properties of biochar-amended sandy soil at different degrees of compaction using KNN modeling. <i>Acta Geophysica</i> , 2020, 68, 207-217.	2.0	68
2	Influences of root-induced soil suction and root geometry on slope stability: a centrifuge study. <i>Canadian Geotechnical Journal</i> , 2017, 54, 291-303.	2.8	48
3	Hydro-mechanical reinforcements of live poles to slope stability. <i>Soils and Foundations</i> , 2018, 58, 1423-1434.	3.1	27
4	Hydrological Effects of Live Poles on Transient Seepage in an Unsaturated Soil Slope: Centrifuge and Numerical Study. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2017, 143, .	3.0	26
5	Gas permeability and water retention of a repacked silty sand amended with different particle sizes of peanut shell biochar. <i>Soil Science Society of America Journal</i> , 2020, 84, 1630-1641.	2.2	24
6	A Novel Root System for Simulating Transpiration-Induced Soil Suction in Centrifuge. <i>Geotechnical Testing Journal</i> , 2014, 37, 20130116.	1.0	23
7	Root biomechanical properties of <i>Chrysopogon zizanioides</i> and <i>Chrysopogon nemoralis</i> for soil reinforcement and slope stabilisation. <i>Land Degradation and Development</i> , 2021, 32, 4624-4636.	3.9	22
8	Biomechanical properties of the growing and decaying roots of <i>Cynodon dactylon</i> . <i>Plant and Soil</i> , 2022, 471, 193-210.	3.7	16
9	Shearing behaviour of vegetated soils with growing and decaying roots. <i>Canadian Geotechnical Journal</i> , 2022, 59, 2067-2084.	2.8	11
10	Landfill gas emission through compacted clay considering effects of crack pathway and intensity. <i>Waste Management</i> , 2022, 143, 215-222.	7.4	10
11	Permeability and setting time of bio-mediated soil under various medium concentrations. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 401-409.	8.1	4
12	A new artificial root system to simulate the effects of transpiration-induced suction and root reinforcement. <i>Japanese Geotechnical Society Special Publication</i> , 2016, 2, 236-240.	0.2	3
13	Influence of Physical and Biochemical Composition of Three Cellulose Fibers on Cracking of Soil. <i>Environmental Science and Engineering</i> , 2019, , 348-355.	0.2	1