

Utkarsh Mital

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

115
citations

1684188

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1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridging length scales in granular materials using convolutional neural networks. Computational Particle Mechanics, 2022, 9, 221-235.	3.0	6
2	IMPUTATION OF CONTIGUOUS GAPS AND EXTREMES OF SUBHOURLY GROUNDWATER TIME SERIES USING RANDOM FORESTS. Journal of Machine Learning for Modeling and Computing, 2022, 3, 1-22.	1.5	12
3	On some uncertainties related to static liquefaction triggering assessments. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2022, 175, 181-199.	1.6	6
4	The effects of spatial and temporal resolution of gridded meteorological forcing on watershed hydrological responses. Hydrology and Earth System Sciences, 2022, 26, 2245-2276.	4.9	11
5	Effect of fabric on shear wave velocity in granular soils. Acta Geotechnica, 2020, 15, 1189-1203.	5.7	24
6	Sequential Imputation of Missing Spatio-Temporal Precipitation Data Using Random Forests. Frontiers in Water, 2020, 2, .	2.3	24
7	Multiscale and Multiphysics Modeling of Soils. Springer Series in Geomechanics and Geoengineering, 2019, , 141-168.	0.1	1
8	Investigating the Applicability of Integrated Hydrological Modeling for Mapping Regional Liquefaction Hazard. , 2018, , .		0
9	Flow Liquefaction Instability as a Mechanism for Lower End of Liquefaction Charts. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, .	3.0	3
10	Mechanics of origin of flow liquefaction instability under proportional strain triaxial compression. Acta Geotechnica, 2016, 11, 1015-1025.	5.7	17
11	Micromechanical Origin of Static and Dynamic Liquefaction in Granular Soils. , 2013, , .		0
12	A Probabilistic Framework to Model Distributions of VS30. Bulletin of the Seismological Society of America, 0, , .	2.3	9