

Utkarsh Mital

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2295827/publications.pdf>

Version: 2024-02-01

12
papers

115
citations

1684188

5
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

139
citing authors

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