

Marek Kawa

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

203
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	3D bearing capacity probabilistic analyses of footings on spatially variable soil. Acta Geotechnica, 2020, 15, 1453-1466.	5.7	44
2	Limit states for brick masonry based on homogenization approach. International Journal of Solids and Structures, 2008, 45, 998-1016.	2.7	26
3	Estimation of spatial variability of lignite mine dumping ground soil properties using CPTu results. Studia Geotechnica Et Mechanica, 2016, 38, 3-13.	0.5	24
4	Identification of Microstructural Properties of Shale by Combined Use of X-Ray Micro-CT and Nanoindentation Tests. Procedia Engineering, 2017, 191, 735-743.	1.2	22
5	Reliability analysis of sheet pile wall in spatially variable soil including CPTu test results. Archives of Civil and Mechanical Engineering, 2019, 19, 598-613.	3.8	21
6	Probabilistic analysis of the diaphragm wall using the hardening soil-small (HSs) model. Engineering Structures, 2021, 232, 111869.	5.3	14
7	Random failure mechanism method for assessment of working platform bearing capacity with a linear trend in undrained shear strength. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 1513-1530.	8.1	13
8	The Identification of the Uncertainty in Soil Strength Parameters Based on CPTu Measurements and Random Fields. Sensors, 2021, 21, 5393.	3.8	12
9	Reliability Analysis of Bearing Capacity of Square Footing on Soil with Strength Anisotropy Due to Layered Microstructure. Studia Geotechnica Et Mechanica, 2015, 37, 19-28.	0.5	8
10	Random analysis of bearing capacity of square footing using the LAS procedure. Studia Geotechnica Et Mechanica, 2016, 38, 3-13.	0.5	8
11	Identification of soil types and their arrangement in overburden heaps using the deconvolution approach and CPTu tests results. Engineering Geology, 2020, 276, 105759.	6.3	4
12	Evaluation of Bearing Capacity of Strip Footing Using Random Layers Concept. Studia Geotechnica Et Mechanica, 2015, 37, 31-39.	0.5	3
13	Identification of Anisotropic Criteria for Stratified Soil Based on Triaxial Tests Results. Studia Geotechnica Et Mechanica, 2017, 39, 59-65.	0.5	2
14	Failure Criterion for Brick Masonry: A Micro-Mechanics Approach. Studia Geotechnica Et Mechanica, 2015, 36, 37-48.	0.5	1
15	Bearing capacity of eccentrically loaded strip footing on spatially variable cohesive soil. Studia Geotechnica Et Mechanica, 2021, 43, 425-437.	0.5	1