

Dimitrios Loukidis

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,271
citations

516681

16
h-index

642715

23
g-index

28
all docs

28
docs citations

28
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Undrained monotonic response of clean and silty sands. <i>Geotechnique</i> , 2007, 57, 273-288.	4.0	239
2	Bearing capacity of strip footings on purely frictional soil under eccentric and inclined loads. <i>Canadian Geotechnical Journal</i> , 2008, 45, 768-787.	2.8	123
3	Analysis of the shaft resistance of non-displacement piles in sand. <i>Geotechnique</i> , 2008, 58, 283-296.	4.0	121
4	Bearing capacity of strip and circular footings in sand using finite elements. <i>Computers and Geotechnics</i> , 2009, 36, 871-879.	4.7	117
5	Stability of seismically loaded slopes using limit analysis. <i>Geotechnique</i> , 2003, 53, 463-479.	4.0	102
6	Modeling sand response using two-surface plasticity. <i>Computers and Geotechnics</i> , 2009, 36, 166-186.	4.7	100
7	Analysis of fault rupture propagation through uniform soil cover. <i>Soil Dynamics and Earthquake Engineering</i> , 2009, 29, 1389-1404.	3.8	92
8	Effect of relative density and stress level on the bearing capacity of footings on sand. <i>Geotechnique</i> , 2011, 61, 107-119.	4.0	57
9	Analysis of shaft resistance of jacked piles in sands. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2011, 35, 1605-1635.	3.3	51
10	A two-surface plasticity model for clay. <i>Computers and Geotechnics</i> , 2013, 49, 170-190.	4.7	37
11	Numerical modelling of large deformation problems in geotechnical engineering: A state-of-the-art review. <i>Soils and Foundations</i> , 2021, 61, 1718-1735.	3.1	35
12	The role of soil stiffness non-linearity in 1D pile driving simulations. <i>Geotechnique</i> , 2015, 65, 169-187.	4.0	23
13	Investigation of the Importance of Climatic Factors in COVID-19 Worldwide Intensity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7730.	2.6	22
14	Assessment of remeshing and remapping strategies for large deformation elastoplastic Finite Element analysis. <i>Computers and Structures</i> , 2013, 114-115, 133-146.	4.4	21
15	Active pressure on gravity walls supporting purely frictional soils. <i>Canadian Geotechnical Journal</i> , 2012, 49, 78-97.	2.8	18
16	A robust finite element approach for large deformation elastoplastic plane-strain problems. <i>Finite Elements in Analysis and Design</i> , 2013, 77, 1-15.	3.2	18
17	Pile driving formulas based on pile wave equation analyses. <i>Computers and Geotechnics</i> , 2017, 81, 307-321.	4.7	18
18	Numerical analysis of the structural response of unburied offshore pipelines crossing active normal and reverse faults. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 137, 106296.	3.8	17

#	ARTICLE	IF	CITATIONS
19	Spatial distribution of Winkler spring stiffness for rectangular mat foundation analysis. Engineering Structures, 2017, 153, 443-459.	5.3	15
20	Offshore pipeline performance under strike-slip fault movements. Soil Dynamics and Earthquake Engineering, 2021, 147, 106698.	3.8	9
21	Stability of seismically loaded slopes using limit analysis. Geotechnique, 2003, 53, 463-479.	4.0	9
22	The Mechanics of Friction Fatigue in Jacked Piles Installed in Sand. , 2014, , .		7
23	Moisture Migration Under Mat Foundations in Nicosia Marl. Geotechnical and Geological Engineering, 2019, 37, 1585-1608.	1.7	7
24	Seasonal Ground Movement Due to Swelling/Shrinkage of Nicosia Marl. Remote Sensing, 2022, 14, 1440.	4.0	5
25	Soil Stiffness Nonlinearity in One-Dimensional Pile-Driving Simulations and Formulas. , 2019, , 324-342.		2
26	Numerical Investigation of Gravity Wall-Granular Soil Interaction. , 2015, , .		0
27	Bearing Capacity in Sand Under Eccentric and Inclined Loading Using a Bounding Surface Plasticity Model. Springer Series in Geomechanics and Geoengineering, 2017, , 267-273.	0.1	0