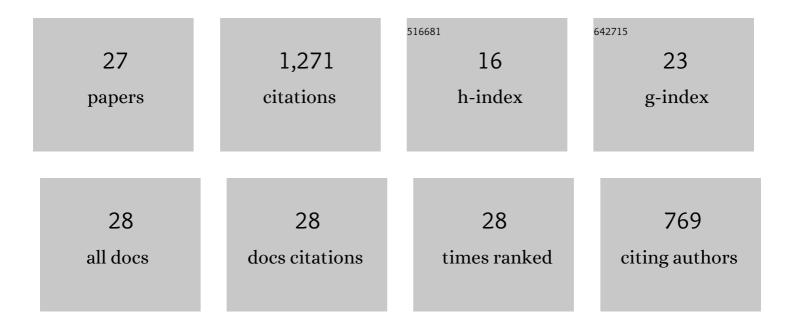
Dimitrios Loukidis

List of Publications by Year in descending order

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

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#	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	Ο