

# Katia Bicalho

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

142  
citations

1477746

6  
h-index

1199166

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory Hydraulic Testing in Unsaturated Soils. Geotechnical and Geological Engineering, 2008, 26, 691-704.	0.8	57
2	Use of digital image analysis combined with fractal theory to determine particle morphology and surface texture of quartz sands. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 1131-1139.	3.7	16
3	Settlement predictions of footings on sands using probabilistic analysis. Journal of Rock Mechanics and Geotechnical Engineering, 2016, 8, 198-203.	3.7	13
4	Performance of an instrumented embankment constructed with lime-treated silty clay during four-years in the Northeast of France. Transportation Geotechnics, 2018, 17, 100-116.	2.0	13
5	Air Entrapment Effects on Hydraulic Properties. , 2000, , 517.		10
6	Proposals of SPT-CPT and DPL-CPT correlations for sandy soils in Brazil. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 1152-1158.	3.7	10
7	Use of fall cones to determine Atterberg limits: a review. Geotechnique, 2020, 70, 652-654.	2.2	8
8	Measurements of Unsaturated Hydraulic Conductivity Functions of Two Fine-Grained Materials. Soils and Foundations, 2009, 49, 181-191.	1.3	6
9	Study of liquid limit values determined by Casagrande cup and Cone penetrometer test for different clays. Geotecnia, 2017, 140, 63-72.	0.1	3
10	Comparison of the Casagrande and Fall Cone Methods for Liquid Limit Determinations in Different Clay Soils. Revista Brasileira De Ciencia Do Solo, 2019, 43, .	0.5	2
11	ANÁLISE DE IMAGENS NA DETERMINAÇÃO DA FORMA E TEXTURA DE AREIAS. Revista Brasileira De Ciencia Do Solo, 2015, 39, 94-99.	0.5	2
12	One-Dimensional Flow Infiltration Through a Compacted Fine Grained Soil. Soils and Foundations, 2011, 51, 287-295.	1.3	1
13	Evaluation of empirical methods for estimating potential evaporation values in northeast France. E3S Web of Conferences, 2016, 9, 16005.	0.2	1
14	Improvement of Loose Sand with Clayey Bands by Sand Columns. , 2002, , 1166.		0
15	Analysis of constructive effect and soil-structure interaction in tall building projects with shallow foundations on sandy soils. Revista IBRACON De Estruturas E Materiais, 2021, 14, .	0.3	0
16	Discussion of "Determination of liquid limit by the fall cone method". Soils and Rocks, 2021, 44, 1-2.	0.2	0
17	Comparative study of data from geotechnical field penetration tests on sandy subsoils. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2024, 177, 3-16.	0.9	0