

# Lidija ZdravkoviÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,269  
citations

394421

19  
h-index

414414

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

675  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupled hydro-mechanical modelling of soil-vegetation-atmosphere interaction in natural clay slopes. <i>Canadian Geotechnical Journal</i> , 2022, 59, 272-290.	2.8	18
2	Numerical assessment of the effects of end-restraints and a pre-existing fissure on the interpretation of triaxial tests on stiff clays. <i>Geotechnique</i> , 2021, 71, 765-780.	4.0	2
3	Integrating laboratory and field testing into advanced geotechnical design. <i>Geomechanics for Energy and the Environment</i> , 2021, 27, 100216.	2.5	6
4	A coupled THM finite element formulation for unsaturated soils and a strategy for its nonlinear solution. <i>Computers and Geotechnics</i> , 2021, 136, 104221.	4.7	10
5	The Effects of Dam-Reservoir Interaction on the Nonlinear Seismic Response of Earth Dams. <i>Journal of Earthquake Engineering</i> , 2020, 24, 1034-1056.	2.5	17
6	New data analysis methods for instrumented medium-scale monopile field tests. <i>Geotechnique</i> , 2020, 70, 961-969.	4.0	28
7	Monotonic laterally loaded pile testing in a stiff glacial clay till at Cowden. <i>Geotechnique</i> , 2020, 70, 970-985.	4.0	54
8	Monotonic laterally loaded pile testing in a dense marine sand at Dunkirk. <i>Geotechnique</i> , 2020, 70, 986-998.	4.0	55
9	Ground characterisation for PISA pile testing and analysis. <i>Geotechnique</i> , 2020, 70, 945-960.	4.0	38
10	Finite-element modelling of laterally loaded piles in a stiff glacial clay till at Cowden. <i>Geotechnique</i> , 2020, 70, 999-1013.	4.0	39
11	Finite-element modelling of laterally loaded piles in a dense marine sand at Dunkirk. <i>Geotechnique</i> , 2020, 70, 1014-1029.	4.0	50
12	PISA design model for monopiles for offshore wind turbines: application to a marine sand. <i>Geotechnique</i> , 2020, 70, 1048-1066.	4.0	69
13	PISA design model for monopiles for offshore wind turbines: application to a stiff glacial clay till. <i>Geotechnique</i> , 2020, 70, 1030-1047.	4.0	81
14	Application of the PISA design model to monopiles embedded in layered soils. <i>Geotechnique</i> , 2020, 70, 1067-1082.	4.0	26
15	A novel method for designing thermo-active retaining walls using two-dimensional analyses. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2020, , 1-51.	1.6	2
16	Numerical Modeling of Time-Dependent Thermally Induced Excess Pore Fluid Pressures in a Saturated Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020, 146, .	3.0	7
17	Time-step constraints for finite element analysis of two-dimensional transient heat diffusion. <i>Computers and Geotechnics</i> , 2019, 108, 1-6.	4.7	6
18	Numerical modelling of the Ivens shaft construction in Lisbon, Portugal. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2019, 172, 263-282.	1.6	3

#	ARTICLE	IF	CITATIONS
19	PISA: new design methods for offshore wind turbine monopiles. <i>Revue FranÃ§aise De GÃ©otechnique</i> , 2019, , 3.	0.1	16
20	Geotechnical characterization of the Miocene formations at the location of Ivens shaft, Lisbon. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2018, 51, 96-107.	1.4	1
21	An alternative coupled thermo-hydro-mechanical finite element formulation for fully saturated soils. <i>Computers and Geotechnics</i> , 2018, 94, 22-30.	4.7	41
22	Numerical investigation of multi-directional site response based on KiK-net downhole array monitoring data. <i>Computers and Geotechnics</i> , 2017, 89, 55-70.	4.7	15
23	Numerical modelling of thermo-active piles in London Clay. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2017, 170, 201-219.	1.6	59
24	Numerical investigation of the response of the Yele rockfill dam during the 2008 Wenchuan earthquake. <i>Soil Dynamics and Earthquake Engineering</i> , 2016, 88, 124-142.	3.8	34
25	Damâ€™reservoir interaction effects on the elastic dynamic response of concrete and earth dams. <i>Soil Dynamics and Earthquake Engineering</i> , 2016, 82, 138-141.	3.8	19
26	Stability investigation of the Generalised-Î± time integration method for dynamic coupled consolidation analysis. <i>Computers and Geotechnics</i> , 2015, 64, 83-95.	4.7	18
27	Evaluation of an Active System to Measure Lateral Stresses in Unsaturated Soils. <i>Geotechnical Testing Journal</i> , 2014, 37, 20130062.	1.0	7
28	A new Hvorslev surface for critical state type unsaturated and saturated constitutive models. <i>Computers and Geotechnics</i> , 2013, 48, 156-166.	4.7	38
29	Numerical modelling of hydrodynamic pressures on dams. <i>Computers and Geotechnics</i> , 2013, 53, 68-82.	4.7	25
30	An assessment of the domain reduction method as an advanced boundary condition and some pitfalls in the use of conventional absorbing boundaries. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2009, 33, 309-330.	3.3	26
31	The domain reduction method for dynamic coupled consolidation problems in geotechnical engineering. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2008, 32, 659-680.	3.3	17
32	An assessment of time integration schemes for dynamic geotechnical problems. <i>Computers and Geotechnics</i> , 2008, 35, 253-264.	4.7	59
33	Case study on seismic tunnel response. <i>Canadian Geotechnical Journal</i> , 2008, 45, 1743-1764.	2.8	116
34	Three-Dimensional Constitutive Model for Partially and Fully Saturated Soils. <i>International Journal of Geomechanics</i> , 2005, 5, 244-255.	2.7	63
35	Destabilisation of Seawall Ground by Ocean Waves. <i>Geotechnique</i> , 0, , 1-68.	4.0	2