Fleur A Loveridge

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5596661/publications.pdf

Version: 2024-02-01

35 papers	1,111 citations	394286 19 h-index	434063 31 g-index
37 all docs	37 docs citations	37 times ranked	556 citing authors

#	Article	IF	Citations
1	Thermal energy transfer around buried pipe infrastructure. Geomechanics for Energy and the Environment, 2022, 29, 100273.	1.2	6
2	The future role of energy geostructures in fifth generation district heating and cooling networks. Energy, 2022, 240, 122481.	4.5	26
3	Translational upper bound limit analysis of shallow landslides accounting for pore pressure effects. Computers and Geotechnics, 2022, 148, 104841.	2.3	11
4	A fast approximate method for simulating thermal pile heat exchangers. Geomechanics for Energy and the Environment, 2022, 32, 100368.	1.2	1
5	The role of ground conditions on the heat exchange potential of energy walls. Geomechanics for Energy and the Environment, 2021, 25, 100199.	1.2	20
6	A New Approach for Characterizing Pile Heat Exchangers Using Thermal Response Tests. Energies, 2021, 14, 3375.	1.6	2
7	Energy geostructures: A review of analysis approaches, in situ testing and model scale experiments. Geomechanics for Energy and the Environment, 2020, 22, 100173.	1.2	79
8	Editorial: Shallow geothermal energy for buildings and infrastructure. Environmental Geotechnics, 2020, 7, 223-224.	1.3	1
9	Developing analysis approaches for energy walls. E3S Web of Conferences, 2020, 205, 06005.	0.2	2
10	Investigations into thermal resistance of tunnel lining heat exchangers. E3S Web of Conferences, 2020, 205, 06006.	0.2	4
11	Thermal Response Testing of Large Diameter Energy Piles. Energies, 2019, 12, 2700.	1.6	23
12	A resistive-capacitive model of pile heat exchangers with an application to thermal response tests interpretation. Renewable Energy, 2019, 138, 891-910.	4.3	8
13	In situ measurements of near-surface hydraulic conductivity in engineered clay slopes. Quarterly Journal of Engineering Geology and Hydrogeology, 2019, 52, 123-135.	0.8	18
14	Comparing heat flow models for interpretation of precast quadratic pile heat exchanger thermal response tests. Energy, 2018, 145, 721-733.	4.5	23
15	Energy performance of diaphragm walls used as heat exchangers. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2017, 170, 232-245.	0.9	41
16	Error analysis of the thermal cell for soil thermal conductivity measurement. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2017, 170, 191-200.	0.9	5
17	Site investigation for energy geostructures. Quarterly Journal of Engineering Geology and Hydrogeology, 2017, 50, 158-168.	0.8	16
18	Failures in transport infrastructure embankments. Engineering Geology, 2017, 219, 107-117.	2.9	68

#	Article	IF	Citations
19	Characterisation of Ground Thermal and Thermo-Mechanical Behaviour for Shallow Geothermal Energy Applications. Energies, 2017, 10, 2044.	1.6	71
20	Thermal performance of thermoactive continuous flight auger piles. Environmental Geotechnics, 2016, 3, 265-279.	1.3	13
21	Analysis and design methods for energy geostructures. Renewable and Sustainable Energy Reviews, 2016, 65, 402-419.	8.2	79
22	The Average Temperature of Energy Piles. , 2016, , .		4
23	Influences on the thermal efficiency of energy piles. Energy, 2015, 82, 1021-1033.	4.5	116
24	A comparison of laboratory and in situ methods to determine soil thermal conductivity for energy foundations and other ground heat exchanger applications. Acta Geotechnica, 2015, 10, 209-218.	2.9	41
25	The Thermal Behaviour of Three Different Auger Pressure Grouted Piles Used as Heat Exchangers. Geotechnical and Geological Engineering, 2015, 33, 273-289.	0.8	22
26	Comparison of two different models for pile thermal response test interpretation. Acta Geotechnica, 2014, 9, 367-384.	2.9	46
27	G-Functions for multiple interacting pile heat exchangers. Energy, 2014, 64, 747-757.	4.5	47
28	2D thermal resistance of pile heat exchangers. Geothermics, 2014, 50, 122-135.	1.5	81
29	Thermal response testing through the Chalk aquifer in London, UK. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2013, 166, 197-210.	0.9	27
30	Temperature response functions (G-functions) for single pile heat exchangers. Energy, 2013, 57, 554-564.	4.5	101
31	Pile heat exchangers: thermal behaviour and interactions. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2013, 166, 178-196.	0.9	59
32	The impact of climate and climate change on infrastructure slopes, with particular reference to southern England. Quarterly Journal of Engineering Geology and Hydrogeology, 2010, 43, 461-472.	0.8	45
33	The importance of the heel effect in X-ray computed tomography imaging of soils. Environmental Geotechnics, 0, , 1-16.	1.3	0
34	The influence of weathering on index properties and undrained shear strength for the Charmouth Mudstone Formation of the Lias Group at a site near Banbury, Oxfordshire, UK. Quarterly Journal of Engineering Geology and Hydrogeology, 0, , qjegh2021-066.	0.8	2
35	The potential for heat recovery and thermal energy storage in the UK using buried infrastructure. Proceedings of the Institution of Civil Engineers - Smart Infrastructure and Construction, 0, , 1-14.	1.1	3