

Neil Dixon

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

999
citations

430442

18
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic classification of landslide kinematics using acoustic emission measurements and machine learning. <i>Landslides</i> , 2021, 18, 2959-2974.	2.7	6
2	Machine learning prediction of landslide deformation behaviour using acoustic emission and rainfall measurements. <i>Engineering Geology</i> , 2021, 293, 106315.	2.9	34
3	Automated Registration of SfM-MVS Multitemporal Datasets Using Terrestrial and Oblique Aerial Images. <i>Photogrammetric Record</i> , 2021, 36, 12-35.	0.4	14
4	Acoustic Emission Sensing of Pipe-Soil Interaction: Full-Scale Pipelines Subjected to Differential Ground Movements. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	1.5	23
5	Optimising the quality of an SfM-MVS slope monitoring system using fixed cameras. <i>Photogrammetric Record</i> , 2019, 34, 408-427.	0.4	23
6	Acoustic emission generated by glass beads in compression and shearing. <i>Granular Matter</i> , 2019, 21, 1.	1.1	7
7	Acoustic emission behaviour of dense sands. <i>Geotechnique</i> , 2019, 69, 1107-1122.	2.2	25
8	Stability performance and interface shear strength of geocomposite drain/soil systems. <i>AIP Conference Proceedings</i> , 2018, .	0.3	3
9	Correlation of acoustic emissions with patterns of movement in an extremely slow-moving landslide at Peace River, Alberta, Canada. <i>Canadian Geotechnical Journal</i> , 2018, 55, 1475-1488.	1.4	29
10	Comparing threshold definition techniques for rainfall-induced landslides: A national assessment using radar rainfall. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 553-560.	1.2	37
11	Listening for deterioration and failure: towards smart geotechnical infrastructure. <i>Proceedings of the Institution of Civil Engineers - Smart Infrastructure and Construction</i> , 2018, 171, 131-143.	1.1	3
12	Extending natural hazard impacts: an assessment of landslide disruptions on a national road transportation network. <i>Environmental Research Letters</i> , 2017, 12, 014010.	2.2	52
13	Monitoring buried pipe deformation using acoustic emission: quantification of attenuation. <i>International Journal of Geotechnical Engineering</i> , 2017, 11, 418-430.	1.1	22
14	Photographic feature: Acoustic emission monitoring of coastal slopes in NE England, UK. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2017, 50, 239-244.	0.8	8
15	Reconstruction of landslide movements by inversion of 4D electrical resistivity tomography monitoring data. <i>Geophysical Research Letters</i> , 2016, 43, 1166-1174.	1.5	45
16	Stability monitoring of a rail slope using acoustic emission. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2015, 168, 373-384.	0.9	32
17	Lime stabilisation for earthworks: a UK perspective. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2015, 168, 81-95.	0.7	46
18	The mineralogy and fabric of "Brickearths"™ in Kent, UK and their relationship to engineering behaviour. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 1187-1211.	1.6	33

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19	Quantification of landslide velocity from active waveguide-generated acoustic emission. Canadian Geotechnical Journal, 2015, 52, 413-425.	1.4	36
20	Forecasting infrastructure resilience to climate change. Proceedings of the Institution of Civil Engineers: Transport, 2014, 167, 269-280.	0.3	17
21	Comparison of carbon dioxide emissions for two landfill capping layers. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2014, 167, 197-207.	0.4	6
22	Landfill side slope lining system performance: A comparison of field measurements and numerical modelling analyses. Geotextiles and Geomembranes, 2014, 42, 224-235.	2.3	18
23	Monitoring of a landfill side slope lining system: Instrument selection, installation and performance. Geotextiles and Geomembranes, 2012, 35, 1-13.	2.3	17
24	Waste Characterization. , 2011, , .		0
25	Discussion: Refining shear strength characteristic value using experience. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2011, 164, 289-291.	0.9	1
26	Evaluation of the controls affecting the quality of spatial data derived from historical aerial photographs. Earth Surface Processes and Landforms, 2011, 36, 853-863.	1.2	9
27	Science of synthetic turf surfaces: Player-surface interactions. Sports Technology, 2010, 3, 13-25.	0.4	32
28	Relationship between Classification and Shear Behavior of MSW. , 2008, , .		0
29	Impact of predicted climate change on landslide reactivation: case study of Mam Tor, UK. Landslides, 2007, 4, 137-147.	2.7	73
30	Development of a MSW classification system for the evaluation of mechanical properties. Waste Management, 2006, 26, 220-232.	3.7	63
31	Engineering properties of municipal solid waste. Geotextiles and Geomembranes, 2005, 23, 205-233.	2.3	207
32	Shear strength properties of geomembrane/geotextile interfaces. Geotextiles and Geomembranes, 1998, 16, 45-71.	2.3	78