

Michael T Hendry

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

305
citations

932766

10
h-index

887659

17
g-index

24
all docs

24
docs citations

24
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing an early warning system for a very slow landslide based on displacement monitoring. <i>Natural Hazards</i> , 2016, 81, 887-907.	1.6	66
2	Effect of fibre content and structure on anisotropic elastic stiffness and shear strength of peat. <i>Canadian Geotechnical Journal</i> , 2012, 49, 403-415.	1.4	48
3	Displacement of a landslide retaining wall and application of an enhanced failure forecasting approach. <i>Landslides</i> , 2018, 15, 489-505.	2.7	33
4	Quantifying rock fall probabilities and their temporal distribution associated with weather seasonality. <i>Landslides</i> , 2017, 14, 2025-2039.	2.7	26
5	Quantitative relationship between weather seasonality and rock fall occurrences north of Hope, BC, Canada. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 3239-3251.	1.6	19
6	Rock fall hazard control along a section of railway based on quantified risk. <i>Georisk</i> , 2017, 11, 272-284.	2.6	18
7	Remote Sensing Applications for Landslide Monitoring and Investigation in Western Canada. <i>Remote Sensing</i> , 2021, 13, 366.	1.8	18
8	Leveraging historical aerial photographs and digital photogrammetry techniques for landslide investigation—a practical perspective. <i>Landslides</i> , 2020, 17, 1989-1996.	2.7	18
9	Effect of gas bubbles on pore pressure response in peat beneath a railway embankment. <i>Canadian Geotechnical Journal</i> , 2016, 53, 765-772.	1.4	10
10	Canadian main track derailment trends, 2001 to 2014. <i>Canadian Journal of Civil Engineering</i> , 2017, 44, 927-934.	0.7	10
11	Field performance of a peat railway subgrade reinforced with helical screw piles. <i>Canadian Geotechnical Journal</i> , 2018, 55, 1888-1899.	1.4	10
12	Evaluating the Effect of Fiber Reinforcement on the Anisotropic Undrained Stiffness and Strength of Peat. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014, 140, .	1.5	9
13	Operational Vertical Bending Stresses in Rail: Real-Life Case Study. <i>Journal of Transportation Engineering Part A: Systems</i> , 2018, 144, 05017012.	0.8	5
14	Design procedure for landslide stabilization using sheet pile ribs. <i>Canadian Geotechnical Journal</i> , 2019, 56, 514-525.	1.4	3
15	Large-Scale Laboratory Testing of the Lateral Resistance of a Timber Tie. , 2018, , 216-236.		2
16	A Review of Methods for Estimating Ballast Degradation Using Ground-Penetrating Radar. , 2018, , 54-76.		2
17	The spatial correlation between track roughness and ground-penetrating radar inferred ballast degradation. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018, 232, 1917-1931.	1.3	1
18	Evaluating the sensitivity of low-frequency ground-penetrating radar attributes to estimate ballast fines in the presence of variable track foundations through simulation. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018, 232, 1168-1181.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Risk communication in Athabasca oil sands tailings operations. Safety in Extreme Environments, 2020, 2, 127-139.	1.8	1
20	Combining safety approaches to bring hazards into focus: An oil sands tailings case study. Canadian Journal of Chemical Engineering, 2020, 98, 2330-2341.	0.9	1
21	Use of measured accelerations from a passenger rail car to evaluate ride quality and track roughness – A case study. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 0, , 095440972110414.	1.3	1
22	Evaluating Rail Surface Roughness from Axle-Box Acceleration Measurements: Computational Metrology Approach. Journal of Transportation Engineering Part A: Systems, 2021, 147, 04021087.	0.8	1
23	Railway Dynamic Load Factors Developed from Instrumented Wheelset Measurements. Journal of Transportation Engineering Part A: Systems, 2022, 148, .	0.8	1