

Omar Hamza

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

527
citations

1039880

9
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of rise in mean annual temperature on the stability of rock slopes containing ice-filled discontinuities. <i>Permafrost and Periglacial Processes</i> , 2001, 12, 137-144.	1.5	257
2	Creep properties of intact and fractured muddy siltstone. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018, 106, 109-116.	2.6	56
3	Laboratory measurement of the shear strength of ice-filled rock joints. <i>Annals of Glaciology</i> , 2000, 31, 463-467.	2.8	41
4	Repairing a shield tunnel damaged by secondary grouting. <i>Tunnelling and Underground Space Technology</i> , 2018, 80, 313-321.	3.0	35
5	The Potential Use of Geophysical Methods to Identify Cavities, Sinkholes and Pathways for Water Infiltration. <i>Water (Switzerland)</i> , 2020, 12, 2289.	1.2	30
6	Multiple Geophysical Techniques for Investigation and Monitoring of Sobradinho Landslide, Brazil. <i>Sustainability</i> , 2019, 11, 6672.	1.6	20
7	Experimental data of bio self-healing concrete incubated in saturated natural soil. <i>Data in Brief</i> , 2019, 26, 104394.	0.5	15
8	Self-healing of bio-cementitious mortar incubated within neutral and acidic soil. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	1.3	15
9	The effect of soil incubation on bio self-healing of cementitious mortar. <i>Materials Today Communications</i> , 2020, 24, 100988.	0.9	9
10	Characterization of Sobradinho landslide in fluvial valley using MASW and ERT methods. <i>REM: International Engineering Journal</i> , 2020, 73, 487-497.	0.2	9
11	Detection of Cover Collapse Doline and Other Epikarst Features by Multiple Geophysical Techniques, Case Study of Tarimba Cave, Brazil. <i>Water (Switzerland)</i> , 2020, 12, 2835.	1.2	8
12	Monitoring of Sobradinho landslide (Brasília, Brazil) and a prototype vertical slope by time-lapse interferometry. <i>Brazilian Journal of Geology</i> , 2019, 49, .	0.3	6
13	Typological analysis of slidequakes emitted from landslides: experiments on an expander body pile and Sobradinho landslide (Brasilia, Brazil). <i>REM: International Engineering Journal</i> , 2019, 72, 453-460.	0.2	6
14	Geohazard Assessment of Landslides in South Brazil: Case Study. <i>Geotechnical and Geological Engineering</i> , 2020, 38, 971-984.	0.8	6
15	Variation in Rayleigh wave ellipticity as a possible indicator of earthflow mobility: a case study of Sobradinho landslide compared with pile load testing. <i>Earth Sciences Research Journal</i> , 2020, 24, 141-151.	0.4	4
16	Electrokinetic treatment of desiccated expansive clay. <i>Geotechnique</i> , 2020, 70, 421-431.	2.2	3
17	Estimation of total groundwater reserves and delineation of weathered/fault zones for aquifer potential: A case study from the Federal District of Brazil. <i>Open Geosciences</i> , 2021, 13, 904-916.	0.6	1
18	Seismic signature of mudflow tremor resulted from Brumadinho (Brazil) tailings dam failure. <i>REM: International Engineering Journal</i> , 2020, 73, 421-424.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Hydrogeophysical Characterization of Fractured Aquifers for Groundwater Exploration in the Federal District of Brazil. Applied Sciences (Switzerland), 2022, 12, 2509.	1.3	0