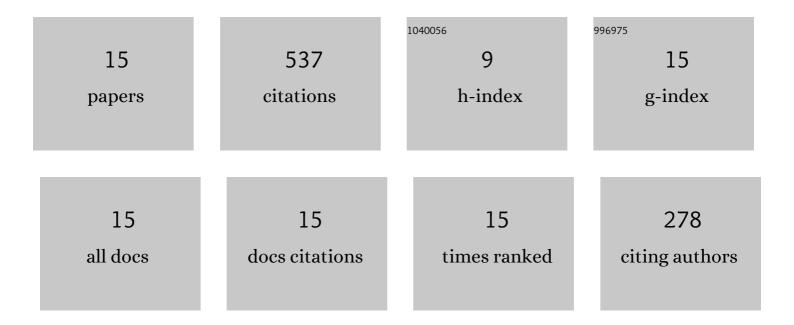
Alfonso Rodriguez Dono

List of Publications by Year in descending order

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Version: 2024-02-01



#	Article	IF	CITATIONS
1	Numerical analysis of anisotropic stiffness and strength for geomaterials. Journal of Rock Mechanics and Geotechnical Engineering, 2023, 15, 323-338.	8.1	7
2	Mining footprint of the underground longwall caving extraction method: A case study of a typical industrial coal area in China. Journal of Hazardous Materials, 2022, 425, 127762.	12.4	10
3	Numerical solutions for tunnels excavated in strain-softening rock masses considering a combined support system. Applied Mathematical Modelling, 2021, 92, 905-930.	4.2	28
4	Size effect on the hydraulic behavior of fluid flow through a single rough-walled fracture. Soil Dynamics and Earthquake Engineering, 2021, 143, 106615.	3.8	8
5	Fostering Sustainability and Critical Thinking through Debate—A Case Study. Sustainability, 2021, 13, 6397.	3.2	9
6	Hydro-mechanical modelling and analysis of multi-stage tunnel excavations using a smoothed excavation method. Computers and Geotechnics, 2021, 135, 104150.	4.7	12
7	Coupled solid-fluid response of deep tunnels excavated in saturated rock masses with a time-dependent plastic behaviour. Applied Mathematical Modelling, 2021, 100, 508-535.	4.2	8
8	Assessment of a high-level spent nuclear fuel disposal model. Environmental Geotechnics, 2020, 7, 42-58.	2.3	9
9	Increasing understanding and confidence in THM simulations of Engineered Barrier Systems. Environmental Geotechnics, 2020, 7, 59-71.	2.3	12
10	Analysis and modelling of longitudinal deformation profiles of tunnels excavated in strain-softening time-dependent rock masses. Computers and Geotechnics, 2020, 125, 103643.	4.7	32
11	DEM simulation of soil-tool interaction under extraterrestrial environmental effects. Journal of Terramechanics, 2017, 71, 1-13.	3.1	25
12	Influence of time-dependence on failure of echelon rock joints through a novel DEM model. European Journal of Environmental and Civil Engineering, 2015, 19, s108-s118.	2.1	5
13	Plastic radii and longitudinal deformation profiles of tunnels excavated in strain-softening rock masses. Tunnelling and Underground Space Technology, 2012, 30, 169-182.	6.2	87
14	Application of the convergence-confinement method to tunnels in rock masses exhibiting Hoek–Brown strain-softening behaviour. International Journal of Rock Mechanics and Minings Sciences, 2010, 47, 150-160.	5.8	139
15	Ground reaction curves for tunnels excavated in different quality rock masses showing several types of post-failure behaviour. Tunnelling and Underground Space Technology, 2009, 24, 689-705.	6.2	146