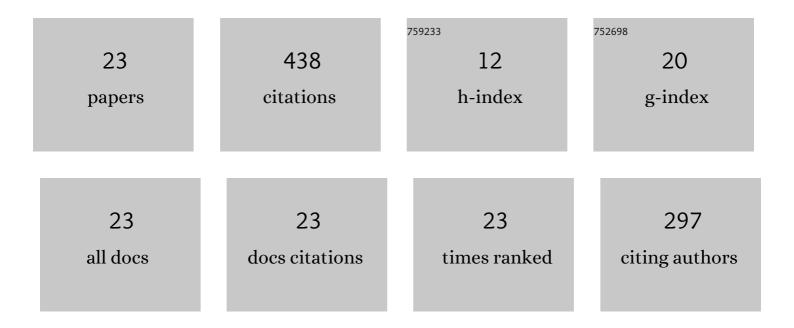
Massoud Palassi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Evaluation of the Strength of Railway Ballast Using Point Load Test for Various Size Fractions and Particle Shapes. Rock Mechanics and Rock Engineering, 2016, 49, 2655-2664.	5.4	52
2	Evaluating the influence of ballast degradation on its shear behaviour. International Journal of Rail Transportation, 2018, 6, 145-162.	2.7	46
3	Effect of gradation of aggregate and size of fouling materials on hydraulic conductivity of sand-fouled railway ballast. Construction and Building Materials, 2018, 167, 514-523.	7.2	41
4	Evaluation of particle shape on direct shear mechanical behavior of ballast assembly using discrete element method (DEM). Transportation Geotechnics, 2020, 23, 100357.	4.5	36
5	Effect of sand and clay fouling on the shear strength of railway ballast for different ballast gradations. Granular Matter, 2018, 20, 1.	2.2	33
6	Effect of particle size distribution and subgrade condition on degradation of railway ballast under impact loads. Granular Matter, 2017, 19, 1.	2.2	32
7	Effect of pipe characteristics in umbrella arch method on controlling tunneling-induced settlements in soft grounds. Journal of Rock Mechanics and Geotechnical Engineering, 2020, 12, 984-1000.	8.1	30
8	Evaluation of morphological properties of railway ballast particles by image processing method. Transportation Geotechnics, 2017, 12, 15-25.	4.5	22
9	Relationships Between Abrasion/Degradation of Aggregate Evaluated from Various Tests and the Effect of Saturation. Rock Mechanics and Rock Engineering, 2016, 49, 2937-2943.	5.4	21
10	Thermal analysis of bitumen modified with LDPE and CR. Petroleum Science and Technology, 2017, 35, 1570-1575.	1.5	19
11	A new nail penetration test for estimation of rock strength. International Journal of Rock Mechanics and Minings Sciences, 2014, 66, 124-127.	5.8	18
12	Investigation on the sustainable use of electric arc furnace slag aggregates in eco-friendly alkali-activated low fineness slag concrete as a green construction composite. Journal of Cleaner Production, 2021, 307, 127257.	9.3	18
13	Degradation of railway ballast under compressive loads considering particles rearrangement. International Journal of Pavement Engineering, 2020, 21, 157-169.	4.4	13
14	Selection of asphalt mix with optimal fracture properties at intermediate temperature using Taguchi method for design of experiment. Construction and Building Materials, 2020, 262, 120601.	7.2	13
15	Mechanical Properties of Clayey Soil Reinforced with PET Considering the Influence of Lime-Stabilization. Transportation Geotechnics, 2022, 33, 100726.	4.5	13
16	Mechanical and durability assessment of unconfined recycled concrete aggregates and natural aggregates used in road constructions. International Journal of Pavement Engineering, 2021, 22, 1518-1530.	4.4	10
17	Degradation of railway ballast under impact loading considering the morphological properties of aggregate. Transportation Geotechnics, 2020, 25, 100398.	4.5	9
18	Axially confined point load testing. International Journal of Rock Mechanics and Minings Sciences, 2011, 48, 311-315	5.8	6

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#	Article	IF	CITATIONS
19	Evaluation of Application of Thin HMA Overlay on the Existing Flexible Pavement for High-Traffic-Volume Rural Highways. Periodica Polytechnica: Civil Engineering, 2015, 59, 65-75.	0.6	2
20	Evaluating the effect of waste material on viscoelastic characteristics of bitumen. Petroleum Science and Technology, 2017, 35, 1601-1606.	1.5	2
21	Assessment of the Effect of Skin Friction on the Results of Dynamic Penetration Testing in Cohesionless Soil. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 715-721.	1.9	1
22	Using response surface methodology to optimize rubber and LDPE contents in bitumen at low-temperature performance. Petroleum Science and Technology, 0, , 1-20.	1.5	1
23	Estimation of SPT N Values from the Results of DCPT Counts After Elimination of the Soil Friction Effect. Indian Geotechnical Journal, 0, , 1.	1.4	0