Panos Georgiou

List of Publications by Year
in descending order

13 papers	237 citations	1039406 9 h-index	1199166 12 g-index
13 all docs	13 docs citations	13 times ranked	243 citing authors

#	Article	IF	Citations
1	Simulating pavement structural condition using artificial neural networks. Structure and Infrastructure Engineering, 2016, 12, 1127-1136.	2.0	43
2	Evaluation of the effects of gyratory and field compaction on asphalt mix internal structure. Materials and Structures/Materiaux Et Constructions, 2016, 49, 665-676.	1.3	31
3	Soft Computing Models to Predict Pavement Roughness: A Comparative Study. Advances in Civil Engineering, 2018, 2018, 1-8.	0.4	26
4	A laboratory compaction approach to characterize asphalt pavement surface friction performance. Wear, 2014, 311, 114-122.	1.5	25
5	Use of infrared thermography for assessing HMA paving and compaction. Transportation Research Part C: Emerging Technologies, 2014, 46, 192-208.	3.9	17
6	A comprehensive approach for the assessment of HMA compactability using GPR technique. Near Surface Geophysics, 2016, 14, 117-126.	0.6	17
7	Influence of different roller compaction modes on asphalt mix performance. International Journal of Pavement Engineering, 2016, 17, 64-70.	2.2	17
8	Parametric optimization of Ground Penetrating Radar approach for assessing asphalt pavement surface layers compaction. Journal of Applied Geophysics, 2020, 182, 104187.	0.9	16
9	Environmental assessment of warm mix asphalt incorporating steel slag and high reclaimed asphalt for wearing courses: a case study. Road Materials and Pavement Design, 2021, 22, S662-S671.	2.0	16
10	Quality assurance of HMA pavement surface macrotexture: empirical models vs experimental approach. International Journal of Pavement Research and Technology, 2019, 12, 356-363.	1.3	10
11	Microstructure characterisation of field and laboratory roller compacted asphalt mixtures. Road Materials and Pavement Design, 2021, 22, 942-953.	2.0	9
12	Characterization of Sustainable Asphalt Mixtures Containing High Reclaimed Asphalt and Steel Slag. Materials, 2021, 14, 4938.	1.3	9
13	Influence of GPR Antenna Frequency in Moisture Determination of Asphalt Pavements. , 2018, , .		1