

Paulo A Pereira

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

443
citations

11
h-index

20
g-index

33
ext. papers

530
ext. citations

3.3
avg, IF

3.9
L-index

#	Paper	IF	Citations
28	Fatigue behavior of fiber-reinforced concrete in compression. <i>Cement and Concrete Composites</i> , 2002 , 24, 211-217	8.6	94
27	Use of lignin biopolymer from industrial waste as bitumen extender for asphalt mixtures. <i>Journal of Cleaner Production</i> , 2019 , 220, 87-98	10.3	50
26	Using polymers to improve the rutting resistance of asphalt concrete. <i>Construction and Building Materials</i> , 2015 , 77, 117-123	6.7	45
25	Main flexible pavement and mix design methods in Europe and challenges for the development of an European method. <i>Journal of Traffic and Transportation Engineering (English Edition)</i> , 2017 , 4, 316-346 ^{3.9}	3.9	42
24	Traffic Noise Changes due to Water on Porous and Dense Asphalt Surfaces. <i>Road Materials and Pavement Design</i> , 2009 , 10, 587-607	2.6	24
23	Rheological characteristics of EVA modified bitumen and their correlations with bitumen concrete properties. <i>Construction and Building Materials</i> , 2013 , 48, 1202-1208	6.7	22
22	Advantages and Limits of Different Road Roughness Profile Signal-Processing Procedures Applied in Europe. <i>Transportation Research Record</i> , 2001 , 1764, 254-259	1.7	21
21	Assessment of Fatigue Resistance of Additivated Asphalt Concrete Incorporating Fibers and Polymers. <i>Journal of Materials in Civil Engineering</i> , 2014 , 26, 554-558	3	19
20	Innovative Pavement Management and Planning System for Road Network of Portugal. <i>Journal of Infrastructure Systems</i> , 2003 , 9, 75-80	2.9	19
19	Using endogenous saccades to characterize fatigue in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2017 , 14, 16-22	4	13
18	Numerical modelling of fibre-reinforced concrete fatigue in bending. <i>International Journal of Fatigue</i> , 2002 , 24, 381-387	5	12
17	The effect of prolonged storage time on asphalt rubber binder properties. <i>Construction and Building Materials</i> , 2019 , 210, 242-255	6.7	11
16	Pavement Maintenance Optimization Strategies for National Road Network in Indonesia Applying Genetic Algorithm. <i>Procedia Engineering</i> , 2017 , 210, 253-260		11
15	Evolutionary intelligence in asphalt pavement modeling and quality-of-information. <i>Progress in Artificial Intelligence</i> , 2012 , 1, 119-135	4	10
14	The pavements cost due to traffic overloads. <i>International Journal of Pavement Engineering</i> , 2019 , 20, 1463-1473	2.6	9
13	MS Prevalence and PatientsbCharacteristics in the District of Braga, Portugal. <i>Neurology Research International</i> , 2015 , 2015, 895163	1.7	8
12	Prediction of surface distress using neural networks 2017 ,		7

11	Modelling Tyre-Road Noise with Data Mining Techniques. <i>Archives of Acoustics</i> , 2015 , 40, 547-560		7
10	The Data Mining Applied for the Prediction of Highway Roughness due to Overloaded Trucks 2015 , 6, 751		6
9	Portuguese two-lane highways: modelling crash frequencies for different temporal and spatial aggregation of crash data. <i>Transport</i> , 2018 , 33, 92-103	1.4	4
8	The adjustment of pavement deflections due to temperature variations. <i>International Journal of Pavement Engineering</i> , 2020 , 21, 1585-1594	2.6	4
7	Transport Systems and Mobility for Smart Cities. <i>Applied System Innovation</i> , 2021 , 4, 61	2.4	3
6	Evaluating the Properties of Bioasphalt Produced with Bio-oil Derived from Biodiesel Production. <i>Lecture Notes in Civil Engineering</i> , 2020 , 397-407	0.3	1
5	New optimization strategies of pavement maintenance: A case study for national road network in Indonesia using integrated road management system 2017 ,		1
4	Quantifying the Carbon Dioxide Emissions Resulting from Awareness-Raising Actions of Sustainable Mobility. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020 , 15-30	0.2	
3	Assessing Self-healing Asphalt by the Heating of Asphalt Mixtures. <i>Lecture Notes in Civil Engineering</i> , 2020 , 253-261	0.3	
2	Preliminary Studies to Use Textile Fibers Obtained from Recycled Tires to Reinforce Asphalt Mixtures. <i>Romanian Journal of Transport Infrastructure</i> , 2018 , 7, 14-30	0.3	
1	The Heating and Compaction of Asphalt Mixtures as a Self-healing Mechanism. <i>RILEM Bookseries</i> , 2022 , 1799-1805	0.5	