

Paulo A Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

654
citations

623574

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25
g-index

33
all docs

33
docs citations

33
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue behavior of fiber-reinforced concrete in compression. Cement and Concrete Composites, 2002, 24, 211-217.	4.6	133
2	Use of lignin biopolymer from industrial waste as bitumen extender for asphalt mixtures. Journal of Cleaner Production, 2019, 220, 87-98.	4.6	88
3	Main flexible pavement and mix design methods in Europe and challenges for the development of an European method. Journal of Traffic and Transportation Engineering (English Edition), 2017, 4, 316-346.	2.0	62
4	Using polymers to improve the rutting resistance of asphalt concrete. Construction and Building Materials, 2015, 77, 117-123.	3.2	55
5	Rheological characteristics of EVA modified bitumen and their correlations with bitumen concrete properties. Construction and Building Materials, 2013, 48, 1202-1208.	3.2	31
6	Traffic Noise Changes due to Water on Porous and Dense Asphalt Surfaces. Road Materials and Pavement Design, 2009, 10, 587-607.	2.0	29
7	Assessment of Fatigue Resistance of Additivated Asphalt Concrete Incorporating Fibers and Polymers. Journal of Materials in Civil Engineering, 2014, 26, 554-558.	1.3	26
8	Advantages and Limits of Different Road Roughness Profile Signal-Processing Procedures Applied in Europe. Transportation Research Record, 2001, 1764, 254-259.	1.0	25
9	Pavement Maintenance Optimization Strategies for National Road Network in Indonesia Applying Genetic Algorithm. Procedia Engineering, 2017, 210, 253-260.	1.2	24
10	Innovative Pavement Management and Planning System for Road Network of Portugal. Journal of Infrastructure Systems, 2003, 9, 75-80.	1.0	22
11	The effect of prolonged storage time on asphalt rubber binder properties. Construction and Building Materials, 2019, 210, 242-255.	3.2	20
12	Transport Systems and Mobility for Smart Cities. Applied System Innovation, 2021, 4, 61.	2.7	19
13	Using endogenous saccades to characterize fatigue in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2017, 14, 16-22.	0.9	18
14	Numerical modelling of fibre-reinforced concrete fatigue in bending. International Journal of Fatigue, 2002, 24, 381-387.	2.8	15
15	The pavements cost due to traffic overloads. International Journal of Pavement Engineering, 2019, 20, 1463-1473.	2.2	15
16	Evolutionary intelligence in asphalt pavement modeling and quality-of-information. Progress in Artificial Intelligence, 2012, 1, 119-135.	1.5	13
17	MS Prevalence and Patients's Characteristics in the District of Braga, Portugal. Neurology Research International, 2015, 2015, 1-4.	0.5	11
18	The Data Mining Applied for the Prediction of Highway Roughness due to Overloaded Trucks. International Journal of Technology, 2015, 6, 751.	0.4	11

#	ARTICLE	IF	CITATIONS
19	Prediction of surface distress using neural networks. AIP Conference Proceedings, 2017, , .	0.3	10
20	Modelling Tyre-Road Noise with Data Mining Techniques. Archives of Acoustics, 2015, 40, 547-560.	0.9	8
21	The adjustment of pavement deflections due to temperature variations. International Journal of Pavement Engineering, 2020, 21, 1585-1594.	2.2	7
22	Portuguese two-lane highways: modelling crash frequencies for different temporal and spatial aggregation of crash data. Transport, 2018, 33, 92-103.	0.6	5
23	Evaluating the Properties of Bioasphalt Produced with Bio-oil Derived from Biodiesel Production. Lecture Notes in Civil Engineering, 2020, , 397-407.	0.3	2
24	New optimization strategies of pavement maintenance: A case study for national road network in Indonesia using integrated road management system. AIP Conference Proceedings, 2017, , .	0.3	2
25	The Heating and Compaction of Asphalt Mixtures as a Self-healing Mechanism. RILEM Bookseries, 2022, , 1799-1805.	0.2	1
26	The Effect of Traffic Overloads on Road Pavements. , 2016, , .		1
27	Assessing Self-healing Asphalt by the Heating of Asphalt Mixtures. Lecture Notes in Civil Engineering, 2020, , 253-261.	0.3	1
28	A Genetic Algorithm Approach for the TV Self-Promotion Assignment Problem. , 2009, , .		0
29	Case Study on Premature Cracking of an Asphalt Pavement with Resin Bonded Coating. , 2016, , .		0
30	Development of a Model for Equivalent Axle Load Factors. , 2016, , .		0
31	Pavement and Mix Design in Europe and Automated Survey Challenges. , 2016, , .		0
32	Preliminary Studies to Use Textile Fibers Obtained from Recycled Tires to Reinforce Asphalt Mixtures. Romanian Journal of Transport Infrastructure, 2018, 7, 14-30.	0.3	0