

Massimo Losa

List of Publications by Year in descending order

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19
papers

470
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of ageing on the damage tolerance of polymer modified bitumens investigated through the LAS test and fluorescence microscopy. International Journal of Pavement Engineering, 2022, 23, 1083-1094.	4.4	8
2	Mix design and laboratory characterisation of rubberised mixture used as damping layer in pavements. International Journal of Pavement Engineering, 2022, 23, 2746-2760.	4.4	17
3	Microstructure and rheological response of laboratory-aged SBS-modified bitumens. Road Materials and Pavement Design, 2021, 22, 372-396.	4.0	21
4	A comparative environmental impact analysis of asphalt mixtures containing crumb rubber and reclaimed asphalt pavement using life cycle assessment. International Journal of Pavement Engineering, 2021, 22, 524-538.	4.4	35
5	Can Machine Learning and PS-InSAR Reliably Stand in for Road Profilometric Surveys?. Sensors, 2021, 21, 3377.	3.8	12
6	Predicting international roughness index by deep neural networks with Levenberg-Marquardt backpropagation learning algorithm. , 2021, , .		2
7	Apparent Molecular Weight Distributions for Investigating Aging in Polymer-Modified Bitumen. Advances in Polymer Technology, 2021, 2021, 1-14.	1.7	7
8	Handling Imbalanced Data in Road Crash Severity Prediction by Machine Learning Algorithms. Infrastructures, 2020, 5, 61.	2.8	74
9	Long-Term-Based Road Blackspot Screening Procedures by Machine Learning Algorithms. Sustainability, 2020, 12, 5972.	3.2	8
10	Surface Motion Prediction and Mapping for Road Infrastructures Management by PS-InSAR Measurements and Machine Learning Algorithms. Remote Sensing, 2020, 12, 3976.	4.0	25
11	Applicability of time-temperature superposition for laboratory-aged neat and SBS-modified bitumens. Construction and Building Materials, 2020, 263, 120964.	7.2	15
12	Investigating the Effect of Artificial Ageing on the Creep and Recovery of SBS-Modified Bitumen. MATEC Web of Conferences, 2019, 271, 03009.	0.2	3
13	Improving the Environmental Sustainability of Low Noise Pavements: Comparative Life Cycle Assessment of Reclaimed Asphalt and Crumb Rubber Based Warm Mix Technologies. Coatings, 2019, 9, 343.	2.6	33
14	Crumb Rubber Modifier in Road Asphalt Pavements: State of the Art and Statistics. Coatings, 2019, 9, 384.	2.6	101
15	Effect of ageing on the morphology and creep and recovery of polymer-modified bitumens. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	3.1	63
16	Reclaimed asphalt binders and mortars fatigue behaviour. Road Materials and Pavement Design, 2017, 18, 281-292.	4.0	8
17	A novel back-calculation approach for determining the rheological properties of RAP binder. Road Materials and Pavement Design, 2017, 18, 359-381.	4.0	6
18	Rheological modeling of asphalt binder and asphalt mortar containing recycled asphalt material. Materials and Structures/Materiaux Et Constructions, 2016, 49, 4167-4183.	3.1	29

#	ARTICLE	IF	CITATIONS
19	Defining machine learning algorithms as accident prediction models for Italian two-lane rural, suburban, and urban roads. International Journal of Injury Control and Safety Promotion, 0, , 1-13.	2.0	3