Massimo Losa

List of Publications by Year
in descending order

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	Crumb Rubber Modifier in Road Asphalt Pavements: State of the Art and Statistics. Coatings, 2019, 9, 384.	2.6	101
2	Handling Imbalanced Data in Road Crash Severity Prediction by Machine Learning Algorithms. Infrastructures, 2020, 5, 61.	2.8	74
3	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
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	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
6	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
7	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
8	Microstructure and rheological response of laboratory-aged SBS-modified bitumens. Road Materials and Pavement Design, 2021, 22, 372-396.	4.0	21
9	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
10	Applicability of time-temperature superposition for laboratory-aged neat and SBS-modified bitumens. Construction and Building Materials, 2020, 263, 120964.	7.2	15
11	Can Machine Learning and PS-InSAR Reliably Stand in for Road Profilometric Surveys?. Sensors, 2021, 21, 3377.	3.8	12
12	Reclaimed asphalt binders and mortars fatigue behaviour. Road Materials and Pavement Design, 2017, 18, 281-292.	4.0	8
13	Long-Term-Based Road Blackspot Screening Procedures by Machine Learning Algorithms. Sustainability, 2020, 12, 5972.	3.2	8
14	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
15	Apparent Molecular Weight Distributions for Investigating Aging in Polymer-Modified Bitumen. Advances in Polymer Technology, 2021, 2021, 1-14.	1.7	7
16	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
17	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
18	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

#	Article	IF	Citations
19	Predicting international roughness index by deep neural networks with Levenberg-Marquardt backpropagation learning algorithm. , 2021, , .		2