Matteo Miani

List of Publications by Year
in descending order

13 papers	93 citations	1478505 6 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	41 citing authors

#	Article	IF	Citations
1	Stiffness Data of High-Modulus Asphalt Concretes for Road Pavements: Predictive Modeling by Machine-Learning. Coatings, 2022, 12, 54.	2.6	13
2	Young drivers' pedestrian anti-collision braking operation data modelling for ADAS development. Transportation Research Procedia, 2022, 60, 432-439.	1.5	3
3	Mechanical Characterization of Industrial Waste Materials as Mineral Fillers in Asphalt Mixes: Integrated Experimental and Machine Learning Analysis. Sustainability, 2022, 14, 5946.	3.2	6
4	Surrogate Safety Measures Prediction at Multiple Timescales in V2P Conflicts Based on Gated Recurrent Unit. Sustainability, 2021, 13, 9681.	3.2	1
5	A Machine Learning Approach to Determine Airport Asphalt Concrete Layer Moduli Using Heavy Weight Deflectometer Data. Sustainability, 2021, 13, 8831.	3.2	17
6	Artificial Neural Network Prediction of Airport Pavement Moduli Using Interpolated Surface Deflection Data. IOP Conference Series: Materials Science and Engineering, 2021, 1203, 022112.	0.6	2
7	Performance Prediction of Fine-Grained Asphalt Concretes with Different Quarry Fillers by Machine Learning Approaches. IOP Conference Series: Materials Science and Engineering, 2021, 1203, 022113.	0.6	0
8	Bituminous Mixtures Experimental Data Modeling Using a Hyperparameters-Optimized Machine Learning Approach. Applied Sciences (Switzerland), 2021, 11, 11710.	2.5	9
9	Drivers' Braking Behavior Affected by Cognitive Distractions: An Experimental Investigation with a Virtual Car Simulator. Behavioral Sciences (Basel, Switzerland), 2020, 10, 150.	2.1	8
10	Numerical Characterization of High Modulus Asphalt Concrete Containing RAP: A Comparison among Optimized Shallow Neural Models. IOP Conference Series: Materials Science and Engineering, 2020, 960, 022083.	0.6	2
11	Stiffness Modulus and Marshall Parameters of Hot Mix Asphalts: Laboratory Data Modeling by Artificial Neural Networks Characterized by Cross-Validation. Applied Sciences (Switzerland), 2019, 9, 3502.	2.5	31
12	Effects of Cognitive Distraction on Driver's Stopping Behaviour: A Virtual Car Driving Simulator Study. IOP Conference Series: Materials Science and Engineering, 0, 960, 022082.	0.6	0
13	Road Pavement Asphalt Concretes for Thin Wearing Layers: A Machine Learning Approach towards Stiffness Modulus and Volumetric Properties Prediction. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	1