

# Giuseppe Sollazzo

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

351  
citations

1040056

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h-index

839539

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g-index

24  
all docs

24  
docs citations

24  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	An automatic pothole detection algorithm using pavement 3D data. International Journal of Pavement Engineering, 2023, 24, .	4.4	8
2	An ensemble learning model for asphalt pavement performance prediction based on gradient boosting decision tree. International Journal of Pavement Engineering, 2022, 23, 3633-3646.	4.4	31
3	Pavement condition information modelling in an I-BIM environment. International Journal of Pavement Engineering, 2022, 23, 4803-4818.	4.4	14
4	A web platform for the management of road survey and maintenance information: A preliminary step towards smart road management systems. Structural Control and Health Monitoring, 2022, 29, .	4.0	9
5	Innovative smart road management systems in the urban context: Integrating smart sensors and miniaturized sensing systems. Structural Control and Health Monitoring, 2022, 29, .	4.0	1
6	Corrigendum to "Automatic Segmentation and Enhancement of Pavement Cracks Based on 3D Pavement Images". Journal of Advanced Transportation, 2020, 2020, 1-1.	1.7	0
7	Impact Analysis Using Life Cycle Assessment of Asphalt Production from Primary Data. Sustainability, 2020, 12, 10171.	3.2	19
8	Primary Data Collection and Environmental/Energy Audit of Hot Mix Asphalt Production. Energies, 2020, 13, 2045.	3.1	9
9	Automatic Crack Detection Results Using a Novel Device for Survey and Analysis of Road Pavement Condition. Lecture Notes in Civil Engineering, 2020, , 431-440.	0.4	2
10	Potentialities of a Highway Alignment Optimization Method in an I-BIM Environment. Periodica Polytechnica: Civil Engineering, 2019, , .	0.6	5
11	Automatic Segmentation and Enhancement of Pavement Cracks Based on 3D Pavement Images. Journal of Advanced Transportation, 2019, 2019, 1-9.	1.7	25
12	Laboratory and in-situ tests for estimating improvements in asphalt concrete with the addition of an LDPE and EVA polymeric compound. Construction and Building Materials, 2019, 196, 714-726.	7.2	19
13	Optimizing Artificial Neural Networks For The Evaluation Of Asphalt Pavement Structural Performance. Baltic Journal of Road and Bridge Engineering, 2019, 14, 58-79.	0.8	9
14	Road Functional Classification Using Pattern Recognition Techniques. Baltic Journal of Road and Bridge Engineering, 2019, 14, 360-383.	0.8	1
15	ANALYSIS OF DIFFERENT VISUAL STRATEGIES OF "ISOLATED VEHICLE"™ AND "DISTURBED VEHICLE"™. Transport, 2018, 33, 853-860.	1.2	1
16	An ANN model to correlate roughness and structural performance in asphalt pavements. Construction and Building Materials, 2017, 134, 684-693.	7.2	97
17	How is the Driver's Workload Influenced by the Road Environment?. Procedia Engineering, 2017, 187, 5-13.	1.2	26
18	Time Reduction for Completion of a Civil Engineering Construction Using Fuzzy Clustering Techniques. Periodica Polytechnica Transportation Engineering, 2017, 45, 25.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Hybrid Procedure for Automated Detection of Cracking with 3D Pavement Data. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	49
20	Using Genetic Algorithms for Optimizing the PPC in the Highway Horizontal Alignment Design. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	19
21	Project Duration Evaluated Using Affine Arithmetic. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	3
22	Effects of Road Marking Visibility on Vehicles Driving Along Curves: A Preliminary Study in a Simulated Environment. Transportation Research Record, 0, , 036119812210970.	1.9	0