

Senthan Mathavan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

236
citations

1163117

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1372567

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15
all docs

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docs citations

15
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Pothole 3D Reconstruction With a Novel Imaging System and Structure From Motion Techniques. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4685-4694.	8.0	14
2	Multi-Types of Flexible Pavement Deterioration Prediction Models. , 2020, , .		0
3	Stereo-Based 3D Reconstruction of Potholes by a Hybrid, Dense Matching Scheme. IEEE Sensors Journal, 2019, 19, 3807-3817.	4.7	13
4	A multi-input deterioration-prediction model for asphalt road networks. Proceedings of the Institution of Civil Engineers: Transport, 2019, 172, 12-23.	0.6	7
5	A parameter-free discrete particle swarm algorithm and its application to multi-objective pavement maintenance schemes. Swarm and Evolutionary Computation, 2018, 43, 69-87.	8.1	18
6	Performance assessment of Kinect as a sensor for pothole imaging and metrology. International Journal of Pavement Engineering, 2018, 19, 565-576.	4.4	27
7	A Multi-Criteria Decision-Making Model to Evaluate Sustainable Product Designs Based on the Principles of Design for Sustainability and Fuzzy Analytic Hierarchy Process. Smart Innovation, Systems and Technologies, 2017, , 347-354.	0.6	9
8	Identifying tree species from google earth imagery: Detection of Palmyra trees in northern Sri Lanka. , 2017, , .		1
9	Detection of pavement cracks using tiled fuzzy Hough transform. Journal of Electronic Imaging, 2017, 26, 1.	0.9	14
10	Fast segmentation of industrial quality pavement images using Laws texture energy measures and k-means clustering. Journal of Electronic Imaging, 2016, 25, 053010.	0.9	10
11	Ball Positioning in Robotic Billiards: A Nonprehensile Manipulation-Based Solution. IEEE/ASME Transactions on Mechatronics, 2016, 21, 184-195.	5.8	3
12	Tiled fuzzy Hough transform for crack detection. , 2015, , .		3
13	Stabilization of 3D Pavement Images for Pothole Metrology Using the Kalman Filter. , 2015, , .		4
14	A Review of Three-Dimensional Imaging Technologies for Pavement Distress Detection and Measurements. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2353-2362.	8.0	112
15	Detection of knocking in Spark Ignition (SI) engines using CMAC neural networks. , 2012, , .		1