Van-Duc Tran

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1335701/publications.pdf

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10 papers	349 citations	1306789 7 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	273 citing authors

#	Article	IF	Citations
1	Automatic recognition of asphalt pavement cracks using metaheuristic optimized edge detection algorithms and convolution neural network. Automation in Construction, 2018, 94, 203-213.	4.8	221
2	Image Processing-Based Detection of Pipe Corrosion Using Texture Analysis and Metaheuristic-Optimized Machine Learning Approach. Computational Intelligence and Neuroscience, 2019, 2019, 1-13.	1.1	46
3	Image processing-based automatic detection of asphalt pavement rutting using a novel metaheuristic optimized machine learning approach. Soft Computing, 2021, 25, 12839-12855.	2.1	23
4	Computer Vision-Based Patched and Unpatched Pothole Classification Using Machine Learning Approach Optimized by Forensic-Based Investigation Metaheuristic. Complexity, 2021, 2021, 1-17.	0.9	20
5	A Study on the Dynamic Interaction between Three-Axle Vehicle and Continuous Girder Bridge with Consideration of Braking Effects. Journal of Construction Engineering, 2017, 2017, 1-12.	0.9	12
6	A Novel Approach for Detection of Pavement Crack and Sealed Crack Using Image Processing and Salp Swarm Algorithm Optimized Machine Learning. Advances in Civil Engineering, 2022, 2022, 1-21.	0.4	11
7	Computer vision based asphalt pavement segregation detection using image texture analysis integrated with extreme gradient boosting machine and deep convolutional neural networks. Measurement: Journal of the International Measurement Confederation, 2022, 196, 111207.	2.5	7
8	Concrete Spalling Severity Classification Using Image Texture Analysis and a Novel Jellyfish Search Optimized Machine Learning Approach. Advances in Civil Engineering, 2021, 2021, 1-20.	0.4	6
9	An Investigation on the Dynamic Response of Cable Stayed Bridge with Consideration of Three-Axle Vehicle Braking Effects. Journal of Computational Engineering, 2017, 2017, 1-13.	0.8	2
10	Application of geospatial technologies in constructing a flash flood warning model in northern mountainous regions of Vietnam: a case study at TrinhTuong commune, Bat Xat district, LaoCai province. Bulletin of Geography, Physical Geography Series, 2021, 20, 31-43.	0.3	1