

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