

Gang Li

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

505
citations

933264

10
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition and evaluation of bridge cracks with modified active contour model and greedy search-based support vector machine. <i>Automation in Construction</i> , 2017, 78, 51-61.	4.8	104
2	Long-distance precision inspection method for bridge cracks with image processing. <i>Automation in Construction</i> , 2014, 41, 83-95.	4.8	84
3	Automatic Tunnel Crack Detection Based on U-Net and a Convolutional Neural Network with Alternately Updated Clique. <i>Sensors</i> , 2020, 20, 717.	2.1	59
4	Automatic crack recognition for concrete bridges using a fully convolutional neural network and naive Bayes data fusion based on a visual detection system. <i>Measurement Science and Technology</i> , 2020, 31, 075403.	1.4	45
5	Semi-Supervised Semantic Segmentation Using Adversarial Learning for Pavement Crack Detection. <i>IEEE Access</i> , 2020, 8, 51446-51459.	2.6	43
6	Pixel-level bridge crack detection using a deep fusion about recurrent residual convolution and context encoder network. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 176, 109171.	2.5	37
7	Automatic recognition and analysis system of asphalt pavement cracks using interleaved low-rank group convolution hybrid deep network and SegNet fusing dense condition random field. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 170, 108693.	2.5	31
8	Computer Vision-Based Bridge Damage Detection Using Deep Convolutional Networks with Expectation Maximum Attention Module. <i>Sensors</i> , 2021, 21, 824.	2.1	27
9	Automatic Pixel-Level Pavement Crack Recognition Using a Deep Feature Aggregation Segmentation Network with a scSE Attention Mechanism Module. <i>Sensors</i> , 2021, 21, 2902.	2.1	24
10	Automatic bridge crack identification from concrete surface using ResNeXt with postprocessing. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2620.	1.9	23
11	Lightweight Bridge Crack Detection Method Based on SegNet and Bottleneck Depth-Separable Convolution With Residuals. <i>IEEE Access</i> , 2021, 9, 161649-161668.	2.6	11
12	Deep Principal Correlated Auto-Encoders With Application to Imaging and Genomics Data Integration. <i>IEEE Access</i> , 2020, 8, 20093-20107.	2.6	6
13	Automatic bridge crack detection using boundary refinement based on real-time segmentation network. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	6
14	Automatic pavement crack detection based on single stage salient-instance segmentation and concatenated feature pyramid network. <i>International Journal of Pavement Engineering</i> , 2022, 23, 4206-4222.	2.2	3
15	Canonical Correlation Analysis of Imaging Genetics Data Based on Statistical Independence and Structural Sparsity. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 2621-2629.	3.9	2