

Imaging-based crack detection on concrete surfaces using

Structural Health Monitoring

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Image Enhanced Mask R-CNN: A Deep Learning Pipeline with New Evaluation Measures for Wind Turbine Blade Defect Detection and Classification. <i>Journal of Imaging</i> , 2021, 7, 46.	1.7	26
2	A semi-supervised self-training method to develop assistive intelligence for segmenting multiclass bridge elements from inspection videos. <i>Structural Health Monitoring</i> , 2022, 21, 835-852.	4.3	12
3	Structural Crack Detection from Benchmark Data Sets Using Pruned Fully Convolutional Networks. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	24
4	Applications of Deep Learning in Intelligent Construction. <i>Structural Integrity</i> , 2022, , 227-245.	0.8	5
5	Infrastructure BIM Platform for Lifecycle Management. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10310.	1.3	12
6	Crack detection of concrete structures using deep convolutional neural networks optimized by enhanced chicken swarm algorithm. <i>Structural Health Monitoring</i> , 2022, 21, 2244-2263.	4.3	78
7	Automatic detection method of tunnel lining multi-defects via an enhanced You Only Look Once network. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 762-780.	6.3	89
8	Bibliometric Analysis and Review of Deep Learning-Based Crack Detection Literature Published between 2010 and 2022. <i>Buildings</i> , 2022, 12, 432.	1.4	19
9	Automated bridge crack evaluation through deep super resolution network-based hybrid image matching. <i>Automation in Construction</i> , 2022, 137, 104229.	4.8	18
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11	Automatic detection of defects in concrete structures based on deep learning. <i>Structures</i> , 2022, 43, 192-199.	1.7	13
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15	Two-stage method based on the you only look once framework and image segmentation for crack detection in concrete structures. <i>Architecture, Structures and Construction</i> , 2023, 3, 429-446.	0.7	7
16	Crack Detection and Localization based on Spatio-Temporal Data using Residual Networks. , 2022, , .		1
17	Intelligent construction for the transportation infrastructure: a review. , 0, , .		1
18	Artificial intelligence in civil infrastructure health monitoring—Historical perspectives, current trends, and future visions. <i>Frontiers in Built Environment</i> , 0, 8, .	1.2	5

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20	Crack detection based on deep learning: a method for evaluating the object detection networks considering the random fractal of crack. <i>Structural Health Monitoring</i> , 2023, 22, 2547-2564.	4.3	1
21	An Efficient Method for Detecting Asphalt Pavement Cracks and Sealed Cracks Based on a Deep Data-Driven Model. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 10089.	1.3	2
22	Artificial intelligence-based visual inspection system for structural health monitoring of cultural heritage. <i>Journal of Civil Structural Health Monitoring</i> , 2024, 14, 103-120.	2.0	9
23	Semi-supervised learning-based point cloud network for segmentation of 3D tunnel scenes. <i>Automation in Construction</i> , 2023, 146, 104668.	4.8	7
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30	Vision-based concrete crack detection using deep learning-based models. <i>Asian Journal of Civil Engineering</i> , 0, , .	0.8	1
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32	Real-time tunnel lining crack detection based on an improved You Only Look Once version X algorithm. <i>Georisk</i> , 2023, 17, 181-195.	2.6	4
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38	Research on anti-interference detection of 3D-printed ceramics surface defects based on deep learning. Ceramics International, 2023, 49, 22479-22491.	2.3	2