

Zujun Yu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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docs citations

27
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	A crack detection system of subway tunnel based on image processing. Measurement and Control, 2022, 55, 164-177.	1.8	8
2	Automatic subway tunnel crack detection system based on line scan camera. Structural Control and Health Monitoring, 2021, 28, e2776.	4.0	15
3	Vanishing Point Detection and Rail Segmentation Based on Deep Multi-Task Learning. IEEE Access, 2020, 8, 163015-163025.	4.2	9
4	The Effects of Stress on Second Harmonics in Plate-Like Structures. Applied Sciences (Switzerland), 2020, 10, 5124.	2.5	1
5	Action Recognition Based on Two-Stream Convolutional Networks With Long-Short-Term Spatiotemporal Features. IEEE Access, 2020, 8, 85284-85293.	4.2	22
6	On the Identification of Elastic Moduli of In-Service Rail by Ultrasonic Guided Waves. Sensors, 2020, 20, 1769.	3.8	8
7	Efficient SSD: A Real-Time Intrusion Object Detection Algorithm for Railway Surveillance. , 2020, , .		5
8	High-Speed Railway Intruding Object Image Generating with Generative Adversarial Networks. Sensors, 2019, 19, 3075.	3.8	16
9	High-Speed Railway Clearance Intrusion Detection with Improved SSD Network. Applied Sciences (Switzerland), 2019, 9, 2981.	2.5	19
10	An Adaptive Track Segmentation Algorithm for a Railway Intrusion Detection System. Sensors, 2019, 19, 2594.	3.8	17
11	Research on a Rail Defect Location Method Based on a Single Mode Extraction Algorithm. Applied Sciences (Switzerland), 2019, 9, 1107.	2.5	13
12	An Ultrasonic Guided Wave Mode Selection and Excitation Method in Rail Defect Detection. Applied Sciences (Switzerland), 2019, 9, 1170.	2.5	18
13	Recognition algorithm for the disengagement of cement asphalt mortar based on dynamic responses of vehicles. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2019, 233, 270-282.	2.0	9
14	Foreground Detection for Infrared Videos With Multiscale 3-D Fully Convolutional Network. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 712-716.	3.1	4
15	Foreground Detection with Deeply Learned Multi-Scale Spatial-Temporal Features. Sensors, 2018, 18, 4269.	3.8	17
16	Research on Cracks Image Detection System for Subway Tunnel. , 2018, , .		0
17	A Tunnel Crack Identification Algorithm with Convolutional Neural Networks. , 2018, , .		2
18	Mode confusion for estimating the longitudinal thermal stress of continuously welded rail. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Effects of rail thermal stress on the dynamic response of vehicle and track. Vehicle System Dynamics, 2015, 53, 30-50.	3.7	5
20	Real-time double-laser-stripes measurement system for subway tunnel profile based on high-speed vision. , 2015, , .		0
21	The estimation approach of rail thermal stress based on vehicle-track dynamic responses. , 2014, , .		1
22	Jointless track monitoring system based on Fiber Bragg Grating sensors. , 2012, , .		1
23	A mosaic method for large perspective distortion image. , 2012, , .		0
24	Automatic detection of fence completeness for high-speed railway. , 2011, , .		1
25	Research on intrusion clearance detection system for high-speed railway based on binocular stereo vision. , 2011, , .		1
26	Research on tunnel complete profile measurement based on digital photogrammetric technology. , 2011, , .		4
27	Instantaneous position and pose measurements of moving vehicles with applications to railway infrastructure monitoring. , 2009, , .		1