

Tatsuro Yamane

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

319
citations

1307594
7
h-index

1720034
7
g-index

8
all docs

8
docs citations

8
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic detection method of cracks from concrete surface imagery using two-step light gradient boosting machine. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2021, 36, 61-72.	9.8	124
2	Crack Detection from a Concrete Surface Image Based on Semantic Segmentation Using Deep Learning. <i>Journal of Advanced Concrete Technology</i> , 2020, 18, 493-504.	1.8	65
3	A deep learning-based image captioning method to automatically generate comprehensive explanations of bridge damage. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 1387-1401.	9.8	43
4	Automatic Detection of Cracks in Asphalt Pavement Using Deep Learning to Overcome Weaknesses in Images and GIS Visualization. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 892.	2.5	28
5	Evaluation of Tensile Performance of Steel Members by Analysis of Corroded Steel Surface Using Deep Learning. <i>Metals</i> , 2019, 9, 1259.	2.3	24
6	Development of a Machine Learning-Based Damage Identification Method Using Multi-Point Simultaneous Acceleration Measurement Results. <i>Sensors</i> , 2020, 20, 2780.	3.8	20
7	Utilization of Unmanned Aerial Vehicle, Artificial Intelligence, and Remote Measurement Technology for Bridge Inspections. <i>Journal of Robotics and Mechatronics</i> , 2020, 32, 1244-1258.	1.0	15
8	AUTOMATIC GENERATION OF DAMAGE DESCRIPTIONS FROM BRIDGE IMAGES USING DEEP LEARNING. <i>Journal of Japan Society of Civil Engineers, Ser F3 (Civil Engineering Informatics)</i> , 2021, 77, I_40-I_50.	0.2	0