

Quang Huy Tran

List of Publications by Year in descending order

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14
papers

298
citations

933447

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times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Ambient Temperature and Relative Humidity on Subsurface Defect Detection in Concrete Structures by Active Thermal Imaging. <i>Sensors</i> , 2017, 17, 1718.	3.8	69
2	Seismic Vulnerability Assessment of a Shallow Two-Story Underground RC Box Structure. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 735.	2.5	42
3	Experimental Study on Detection of Deterioration in Concrete Using Infrared Thermography Technique. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-12.	1.8	28
4	Effects of rebars on the detectability of subsurface defects in concrete bridges using square pulse thermography. <i>NDT and E International</i> , 2018, 100, 92-100.	3.7	25
5	Detection of Delamination with Various Width-to-depth Ratios in Concrete Bridge Deck Using Passive IRT: Limits and Applicability. <i>Materials</i> , 2019, 12, 3996.	2.9	25
6	Detectability of Subsurface Defects with Different Width-to-Depth Ratios in Concrete Structures Using Pulsed Thermography. <i>Journal of Nondestructive Evaluation</i> , 2018, 37, 1.	2.4	21
7	Detectability of Delamination in Concrete Structure Using Active Infrared Thermography in Terms of Signal-to-Noise Ratio. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1986.	2.5	18
8	Sensitivity Analysis for Ship-to-Shore Container Crane Design. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1667.	2.5	14
9	Effects of Boundary Condition Models on the Seismic Responses of a Container Crane. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 241.	2.5	13
10	Comparative Study of Nonlinear Static and Time-History Analyses of Typical Korean STS Container Cranes. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-13.	0.7	12
11	Fragility Assessment of a Container Crane under Seismic Excitation Considering Uplift and Derailment Behavior. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4660.	2.5	9
12	Shake table testing for the seismic response of a container crane with uplift and derailment. <i>Applied Ocean Research</i> , 2021, 114, 102811.	4.1	9
13	Passive and active infrared thermography techniques in nondestructive evaluation for concrete bridge. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	8
14	Evaluation of Self-Healing Performance of PE and PVA Concrete Using Flexural Test. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-10.	1.8	4