

# Quang Huy Tran

## List of Publications by Year in descending order

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14  
papers

298  
citations

933447

10  
h-index

1058476

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15  
all docs

15  
docs citations

15  
times ranked

230  
citing authors

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