

Rolands Kromanis

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

458
citations

932766

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h-index

887659

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20
all docs

20
docs citations

20
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring Thermal Response of Bridges Using Vision-Based Technologies and LVDTs. Lecture Notes in Civil Engineering, 2023, , 496-505.	0.3	1
2	Performance of signal processing techniques for anomaly detection using a temperature-based measurement interpretation approach. Journal of Civil Structural Health Monitoring, 2021, 11, 15-34.	2.0	15
3	Characterizing Footbridge Response from Cyclist Crossings with Computer Vision-Based Monitoring. Lecture Notes in Civil Engineering, 2021, , 83-95.	0.3	2
4	The Effect of Temperature Variation on Bridges—A Literature Review. Springer Proceedings in Energy, 2021, , 207-212.	0.2	3
5	Bridge Damage Detection Approach Using a Roving Camera Technique. Sensors, 2021, 21, 1246.	2.1	21
6	A multiple camera position approach for accurate displacement measurement using computer vision. Journal of Civil Structural Health Monitoring, 2021, 11, 661-678.	2.0	28
7	Vision-Based Damage Detection Using Inclination Angles and Curvature. Lecture Notes in Civil Engineering, 2021, , 115-127.	0.3	1
8	Energy investigation framework: Understanding buildings from an energy perspective view. Journal of Building Engineering, 2020, 28, 101046.	1.6	6
9	Health monitoring of bridges. , 2020, , 369-389.		3
10	Vision-based measurements of deformations and cracks for RC structure tests. Engineering Structures, 2020, 212, 110508.	2.6	40
11	A Low-Cost Robotic Camera System for Accurate Collection of Structural Response. Inventions, 2019, 4, 47.	1.3	10
12	Measuring Structural Deformations in the Laboratory Environment Using Smartphones. Frontiers in Built Environment, 2019, 5, .	1.2	26
13	Data-driven approaches for measurement interpretation: analysing integrated thermal and vehicular response in bridge structural health monitoring. Advanced Engineering Informatics, 2017, 34, 46-59.	4.0	36
14	Long-term structural health monitoring of the Cleddau bridge: evaluation of quasi-static temperature effects on bearing movements. Structure and Infrastructure Engineering, 2016, 12, 1342-1355.	2.0	54
15	SHM of bridges: characterising thermal response and detecting anomaly events using a temperature-based measurement interpretation approach. Journal of Civil Structural Health Monitoring, 2016, 6, 237-254.	2.0	31
16	Structural Health Monitoring of short to medium span bridges in the United Kingdom. Structural Monitoring and Maintenance, 2016, 3, 259-276.	1.7	10
17	Predicting thermal response of bridges using regression models derived from measurement histories. Computers and Structures, 2014, 136, 64-77.	2.4	98
18	Support vector regression for anomaly detection from measurement histories. Advanced Engineering Informatics, 2013, 27, 486-495.	4.0	68

#	ARTICLE	IF	CITATIONS
19	Technological mediation and civil structure condition assessment: the case of vision-based systems. Civil Engineering and Environmental Systems, 0, , 1-18.	0.4	4