

# Rolands Kromanis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8845450/publications.pdf>

Version: 2024-02-01

19  
papers

458  
citations

932766

10  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting thermal response of bridges using regression models derived from measurement histories. Computers and Structures, 2014, 136, 64-77.	2.4	98
2	Support vector regression for anomaly detection from measurement histories. Advanced Engineering Informatics, 2013, 27, 486-495.	4.0	68
3	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
4	Vision-based measurements of deformations and cracks for RC structure tests. Engineering Structures, 2020, 212, 110508.	2.6	40
5	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
6	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
7	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
8	Measuring Structural Deformations in the Laboratory Environment Using Smartphones. Frontiers in Built Environment, 2019, 5, .	1.2	26
9	Bridge Damage Detection Approach Using a Roving Camera Technique. Sensors, 2021, 21, 1246.	2.1	21
10	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
11	A Low-Cost Robotic Camera System for Accurate Collection of Structural Response. Inventions, 2019, 4, 47.	1.3	10
12	Structural Health Monitoring of short to medium span bridges in the United Kingdom. Structural Monitoring and Maintenance, 2016, 3, 259-276.	1.7	10
13	Energy investigation framework: Understanding buildings from an energy perspective view. Journal of Building Engineering, 2020, 28, 101046.	1.6	6
14	Technological mediation and civil structure condition assessment: the case of vision-based systems. Civil Engineering and Environmental Systems, 0, , 1-18.	0.4	4
15	Health monitoring of bridges. , 2020, , 369-389.		3
16	The Effect of Temperature Variation on Bridges—A Literature Review. Springer Proceedings in Energy, 2021, , 207-212.	0.2	3
17	Characterizing Footbridge Response from Cyclist Crossings with Computer Vision-Based Monitoring. Lecture Notes in Civil Engineering, 2021, , 83-95.	0.3	2
18	Vision-Based Damage Detection Using Inclination Angles and Curvature. Lecture Notes in Civil Engineering, 2021, , 115-127.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Measuring Thermal Response of Bridges Using Vision-Based Technologies and LVDTs. Lecture Notes in Civil Engineering, 2023, , 496-505.	0.3	1