

# Sutanu Bhowmick

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10  
papers

222  
citations

7  
h-index

11  
g-index

11  
ext. papers

377  
ext. citations

3.8  
avg, IF

4.04  
L-index

#	Paper	IF	Citations
10	Review of Bridge Structural Health Monitoring Aided by Big Data and Artificial Intelligence: From Condition Assessment to Damage Detection. <i>Journal of Structural Engineering</i> , <b>2020</b> , 146, 04020073	3	117
9	Measurement of full-field displacement time history of a vibrating continuous edge from video. <i>Mechanical Systems and Signal Processing</i> , <b>2020</b> , 144, 106847	7.8	25
8	Vision and Deep Learning-Based Algorithms to Detect and Quantify Cracks on Concrete Surfaces from UAV Videos. <i>Sensors</i> , <b>2020</b> , 20,	3.8	22
7	Compliant liquid column damper modified by shape memory alloy device for seismic vibration control. <i>Smart Materials and Structures</i> , <b>2014</b> , 23, 105009	3.4	17
6	Identification of full-field dynamic modes using continuous displacement response estimated from vibrating edge video. <i>Journal of Sound and Vibration</i> , <b>2020</b> , 489, 115657	3.9	16
5	FNCATB Superelastic damper for seismic vibration mitigation. <i>Journal of Intelligent Material Systems and Structures</i> , <b>2016</b> , 27, 2062-2077	2.3	10
4	Ferrous SMA (FNCATB) based Superelastic Friction Bearing Isolator (S-FBI) subjected to pulse type ground motions. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2017</b> , 100, 34-48	3.5	7
3	Spatiotemporal compressive sensing of full-field Lagrangian continuous displacement response from optical flow of edge: Identification of full-field dynamic modes. <i>Mechanical Systems and Signal Processing</i> , <b>2022</b> , 164, 108232	7.8	6
2	Automatic detection and damage quantification of multiple cracks on concrete surface from video. <i>International Journal of Sustainable Materials and Structural Systems</i> , <b>2020</b> , 4, 292	0.6	2
1	Shape Memory Alloy-Tuned Mass Damper (SMA-TMD) for Seismic Vibration Control <b>2015</b> , 1405-1418		