

Sutanu Bhowmick

List of Publications by Year in Descending Order

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