

# Sutanu Bhowmick

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2083985/publications.pdf>

Version: 2024-02-01

10  
papers

572  
citations

1162367

8  
h-index

1473754

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, .	1.7	324
2	Measurement of full-field displacement time history of a vibrating continuous edge from video. <i>Mechanical Systems and Signal Processing</i> , 2020, 144, 106847.	4.4	65
3	Vision and Deep Learning-Based Algorithms to Detect and Quantify Cracks on Concrete Surfaces from UAV Videos. <i>Sensors</i> , 2020, 20, 6299.	2.1	58
4	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.	2.1	43
5	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.	4.4	30
6	Compliant liquid column damper modified by shape memory alloy device for seismic vibration control. <i>Smart Materials and Structures</i> , 2014, 23, 105009.	1.8	21
7	FNCATB Superelastic damper for seismic vibration mitigation. <i>Journal of Intelligent Material Systems and Structures</i> , 2016, 27, 2062-2077.	1.4	12
8	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.	1.9	11
9	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.	0.2	6
10	Shape Memory Alloy-Tuned Mass Damper (SMA-TMD) for Seismic Vibration Control. , 2015, , 1405-1418.		2