

Alessandro Sabato

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

648
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless MEMS-Based Accelerometer Sensor Boards for Structural Vibration Monitoring: A Review. IEEE Sensors Journal, 2017, 17, 226-235.	4.7	210
2	Feasibility of using digital image correlation for unmanned aerial vehicle structural health monitoring of bridges. Structural Health Monitoring, 2018, 17, 1056-1072.	7.5	129
3	Feasibility of digital image correlation for railroad tie inspection and ballast support assessment. Measurement: Journal of the International Measurement Confederation, 2017, 103, 93-105.	5.0	61
4	A Novel Wireless Accelerometer Board for Measuring Low-Frequency and Low-Amplitude Structural Vibration. IEEE Sensors Journal, 2016, 16, 2942-2949.	4.7	45
5	Multicamera measurement system to evaluate the dynamic response of utility-scale wind turbine blades. Wind Energy, 2020, 23, 1619-1639.	4.2	30
6	Comparison of nondestructive testing techniques for the inspection of wind turbine blades' spar caps. Wind Energy, 2018, 21, 980-996.	4.2	29
7	Automated subsurface defects' detection using point cloud reconstruction from infrared images. Automation in Construction, 2021, 129, 103829.	9.8	23
8	Unmanned aerial vehicle acquisition of three-dimensional digital image correlation measurements for structural health monitoring of bridges. Proceedings of SPIE, 2017, , .	0.8	22
9	Digital Image Correlation Techniques for NDE and SHM. , 2018, , 1-46.		21
10	Development of a Camera Localization System for Three-Dimensional Digital Image Correlation Camera Triangulation. IEEE Sensors Journal, 2020, 20, 11518-11526.	4.7	20
11	Feasibility of Frequency-Modulated Wireless Transmission for a Multi-Purpose MEMS-Based Accelerometer. Sensors, 2014, 14, 16563-16585.	3.8	18
12	Comparative analysis of infrared thermography processing techniques for roadways' sub-pavement voids detection. NDT and E International, 2022, 129, 102652.	3.7	10
13	Picture-frame testing of woven prepreg fabric: An investigation of sample geometry and shear angle acquisition. International Journal of Material Forming, 2020, 13, 341-353.	2.0	8
14	Digital Image Correlation Techniques for NDE and SHM. , 2019, , 1545-1590.		8
15	Characterization and modeling of the acoustic field generated by a curved ultrasound transducer for non-contact structural excitation. Journal of Sound and Vibration, 2018, 432, 33-49.	3.9	5
16	Development of an IMU-radar sensor board for three-dimensional digital image correlation camera triangulation. , 2019, , .		5
17	Noncontact Measurements for Vibration-Based SHM and NDE. Shock and Vibration, 2019, 2019, 1-2.	0.6	3