

# Federica Zonzini

## List of Publications by Year in descending order

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12  
papers

125  
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1478505

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1588992

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docs citations

13  
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93  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Smart Sensor Node with Embedded Signal Processing Functionalities Addressing Vibration-Based Monitoring. Lecture Notes in Civil Engineering, 2023, , 1000-1008.	0.4	2
2	Deep Learning Approaches for Robust Time of Arrival Estimation in Acoustic Emission Monitoring. Sensors, 2022, 22, 1091.	3.8	12
3	Machine Learning Meets Compressed Sensing in Vibration-Based Monitoring. Sensors, 2022, 22, 2229.	3.8	16
4	Cluster-Based Vibration Analysis of Structures With GSP. IEEE Transactions on Industrial Electronics, 2021, 68, 3465-3474.	7.9	11
5	Compressive Sensing and On-Board Data Recovery for Vibration-Based SHM. Lecture Notes in Civil Engineering, 2021, , 327-334.	0.4	0
6	HW-Oriented Compressed Sensing for Operational Modal Analysis: The Impact of Noise in MEMS Accelerometer Networks. , 2021, , .		1
7	Model-Assisted Compressed Sensing for Vibration-Based Structural Health Monitoring. IEEE Transactions on Industrial Informatics, 2021, 17, 7338-7347.	11.3	27
8	Low-Power MIMO Guided-Wave Communication. IEEE Access, 2020, 8, 217425-217436.	4.2	5
9	Heterogeneous Sensor-network for Vibration-based SHM. , 2019, , .		1
10	A Tilt Sensor Node Embedding a Data-Fusion Algorithm for Vibration-Based SHM. Electronics (Switzerland), 2019, 8, 45.	3.1	10
11	A Sensor Network with Embedded Data Processing and Data-to-Cloud Capabilities for Vibration-Based Real-Time SHM. Journal of Sensors, 2018, 2018, 1-12.	1.1	24
12	Modal Analysis of Structures with Low-cost Embedded Systems. , 2018, , .		16