

Giorgio Gobat

List of Publications by Year in descending order

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7
papers

121
citations

1684188

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1872680

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g-index

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all docs

7
docs citations

7
times ranked

56
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Order Modelling in a Mems Arch Resonator Exhibiting 1:2 Internal Resonance. , 2022, , .		3
2	Reduced order modeling of nonlinear microstructures through Proper Orthogonal Decomposition. Mechanical Systems and Signal Processing, 2022, 171, 108864.	8.0	16
3	Deep learning-based reduced order models for the real-time simulation of the nonlinear dynamics of microstructures. International Journal for Numerical Methods in Engineering, 2022, 123, 4749-4777.	2.8	14
4	Backbone curves, Neimark-Sacker boundaries and appearance of quasi-periodicity in nonlinear oscillators: application to 1:2 internal resonance and frequency combs in MEMS. Meccanica, 2021, 56, 1937-1969.	2.0	22
5	Reduced order modelling and experimental validation of a MEMS gyroscope test-structure exhibiting 1:2 internal resonance. Scientific Reports, 2021, 11, 16390.	3.3	22
6	SHM and Efficient Strategies for Reduced-Order Modeling. Engineering Proceedings, 2020, 2, 98.	0.4	1
7	Reduced order modelling of the non-linear stiffness in MEMS resonators. International Journal of Non-Linear Mechanics, 2019, 116, 211-218.	2.6	43