

Matheus Rosa

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1040056

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14
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge States and Topological Pumping in Spatially Modulated Elastic Lattices. <i>Physical Review Letters</i> , 2019, 123, 034301.	7.8	89
2	Dynamics and topology of non-Hermitian elastic lattices with non-local feedback control interactions. <i>New Journal of Physics</i> , 2020, 22, 053004.	2.9	65
3	Experimental Observation of Temporal Pumping in Electromechanical Waveguides. <i>Physical Review Letters</i> , 2021, 126, 095501.	7.8	56
4	Edge states and topological pumping in stiffness-modulated elastic plates. <i>Physical Review B</i> , 2020, 101, .	3.2	48
5	Topological bands and localized vibration modes in quasiperiodic beams. <i>New Journal of Physics</i> , 2019, 21, 093017.	2.9	40
6	Exceptional points and enhanced sensitivity in PT-symmetric continuous elastic media. <i>Journal of the Mechanics and Physics of Solids</i> , 2021, 149, 104325.	4.8	30
7	Non-Hermitian elastic waveguides with piezoelectric feedback actuation: non-reciprocal bands and skin modes. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 285302.	2.8	24
8	Exploring topology of 1D quasiperiodic metastructures through modulated LEGO resonators. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	22
9	Topological gaps by twisting. <i>Communications Physics</i> , 2021, 4, .	5.3	20
10	Mechanics and dynamics of two-dimensional quasicrystalline composites. <i>Extreme Mechanics Letters</i> , 2021, 44, 101220.	4.1	9
11	Moiré-Driven Topological Transitions and Extreme Anisotropy in Elastic Metasurfaces. <i>Advanced Science</i> , 2022, 9, e2200181.	11.2	7
12	Minimal Surface-Based Materials for Topological Elastic Wave Guiding. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	7
13	Small-world disordered lattices: spectral gaps and diffusive transport. <i>New Journal of Physics</i> , 2022, 24, 073020.	2.9	2