Matheus Rosa

List of Publications by Year
in descending order

13	419	1040056 9	1125743 13
papers	citations	h-index	g-index

14	14	14	251
all docs	docs citations	times ranked	citing authors

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