

Matthew D Fronk

List of Publications by Year in descending order

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7
papers

172
citations

1307594

7
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1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic nonreciprocity in a lattice incorporating nonlinearity, asymmetry, and internal scale hierarchy: Experimental study. <i>Physical Review E</i> , 2018, 97, 052211.	2.1	39
2	Broadband passive nonlinear acoustic diode. <i>Physical Review B</i> , 2019, 99, .	3.2	34
3	Higher-Order Dispersion, Stability, and Waveform Invariance in Nonlinear Monoatomic and Diatomic Systems. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2017, 139, .	1.6	32
4	Internally resonant wave energy exchange in weakly nonlinear lattices and metamaterials. <i>Physical Review E</i> , 2019, 100, 032213.	2.1	21
5	Direction-dependent invariant waveforms and stability in two-dimensional, weakly nonlinear lattices. <i>Journal of Sound and Vibration</i> , 2019, 447, 137-154.	3.9	19
6	Acoustic Non-Reciprocity in Lattices With Nonlinearity, Internal Hierarchy, and Asymmetry: Computational Study. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2019, 141, .	1.6	17
7	Isolated frequencies at which nonlinear materials behave linearly. <i>Physical Review E</i> , 2019, 100, 051002.	2.1	10