

Yan Chen

List of Publications by Year in descending order

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9
papers

166
citations

1684188

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1474206

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g-index

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all docs

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docs citations

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times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Local resonance “Helmholtz lattices with simultaneous solid-borne elastic waves and air-borne sound waves attenuation performance. <i>Applied Acoustics</i> , 2022, 186, 108450.	3.3	15
2	Wave Dispersion in One-Dimensional Nonlinear Local Resonance Phononic Crystals with Perturbation Method. <i>Crystals</i> , 2021, 11, 774.	2.2	5
3	Modal analysis of flexural band gaps in a membrane acoustic metamaterial (MAM) and waveguides affected by shape characteristics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 414, 127635.	2.1	2
4	A tunable metamaterial muffler with a membrane structure based on Helmholtz cavities. <i>Applied Acoustics</i> , 2020, 157, 107022.	3.3	19
5	Two new designs of lamp-type piezoelectric metamaterials for active wave propagation control. <i>Chinese Journal of Physics</i> , 2020, 65, 1-13.	3.9	9
6	A novel multi-cavity Helmholtz muffler*. <i>Chinese Physics B</i> , 2019, 28, 054303.	1.4	5
7	Stretchable Piezoelectric Sensing Systems for Self-Powered and Wireless Health Monitoring. <i>Advanced Materials Technologies</i> , 2019, 4, 1900100.	5.8	96
8	Simulation of a folded airbag inflating underwater with IMM method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 531, 012004.	0.6	3
9	Dynamic Analysis of Planar Mechanical Systems With Clearance Joint Based on LuGre Friction Model. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018, 13, .	1.2	12