

Shanjun Liang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

359
citations

933447

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996975

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16
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Unidirectional Wave Vector Manipulation in Two-Dimensional Space with an All Passive Acoustic Parity-Time-Symmetric Metamaterials Crystal. <i>Physical Review Letters</i> , 2018, 120, 124502.	7.8	122
2	Subwavelength Sound Focusing and Imaging Via Gradient Metasurface-Enabled Spoof Surface Acoustic Wave Modulation. <i>Physical Review Applied</i> , 2019, 11, .	3.8	55
3	Second-order elastic topological insulator with valley-selective corner states. <i>International Journal of Mechanical Sciences</i> , 2022, 224, 107337.	6.7	25
4	Theoretical and experimental study of gradient-helicoid metamaterial. <i>Journal of Sound and Vibration</i> , 2019, 442, 482-496.	3.9	24
5	Single-sided acoustic beam splitting based on parity-time symmetry. <i>Physical Review B</i> , 2020, 102, .	3.2	22
6	Topologically Protected Exceptional Point with Local Non-Hermitian Modulation in an Acoustic Crystal. <i>Physical Review Applied</i> , 2021, 15, .	3.8	17
7	Tunable asymmetric acoustic transmission via binary metasurface and zero-index metamaterials. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	16
8	Band gap characteristics of radial wave in a two-dimensional cylindrical shell with radial and circumferential periodicities. <i>AIP Advances</i> , 2018, 8, .	1.3	14
9	Research on wave bandgaps in a circular plate of radial phononic crystal. <i>International Journal of Modern Physics B</i> , 2016, 30, 1650162.	2.0	13
10	Conformally Mapped Multifunctional Acoustic Metamaterial Lens for Spectral Sound Guiding and Talbot Effect. <i>Research</i> , 2019, 2019, 1748537.	5.7	12
11	Chirality-switchable acoustic vortex emission via non-Hermitian selective excitation at an exceptional point. <i>Science Bulletin</i> , 2022, 67, 1131-1136.	9.0	10
12	Acoustic metasurface by layered concentric structures. <i>Physical Review Research</i> , 2020, 2, .	3.6	9
13	Coding Metasurface for Talbot Sound Amplification. <i>Physical Review Applied</i> , 2020, 14, .	3.8	8
14	Acoustic coherent perfect absorber and laser modes via the non-Hermitian dopant in the zero index metamaterials. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	7
15	Unidirectional invisibility of an acoustic multilayered medium with parity-time-symmetric impedance modulation. <i>Journal of Applied Physics</i> , 2021, 129, 175106.	2.5	5
16	Torsional wave band gap properties in a circular plate of a two-dimensional generalized phononic crystal. <i>AIP Advances</i> , 2018, 8, .	1.3	0