Shanjun Liang

List of Publications by Year
in descending order

16 papers	359 citations	933447 10 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	320 citing authors

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