Hong-bo Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8906119/publications.pdf

Version: 2024-02-01

22	570	567281 15	713466 21
papers	citations	h-index	g-index

22	22	22	347
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tunable topological edge states and rainbow trapping in two dimensional magnetoelastic phononic crystal plates based on an external magnetostatic field. International Journal of Mechanical Sciences, 2022, 225, 107360.	6.7	22
2	Subwavelength elastic topological negative refraction in ternary locally resonant phononic crystals. International Journal of Mechanical Sciences, 2021, 198, 106391.	6.7	35
3	Experimental demonstration of valley-protected backscattering suppression and interlayer topological transport for elastic wave in three-dimensional phononic crystals. Mechanical Systems and Signal Processing, 2021, 154, 107543.	8.0	42
4	å£°å¦ è¶…æžæ–™çš„é€'æ˜"æ€§ç©¶è¿›å±•. Chinese Science Bulletin, 2021, , .	0.7	2
5	Recent advances in topological elastic metamaterials. Journal of Physics Condensed Matter, 2021, 33, 503002.	1.8	27
6	Deterministic interface modes in two-dimensional acoustic systems. International Journal of Modern Physics B, 2021, 35, 2150010.	2.0	16
7	High-Efficiency Elastic Wave Rectifier in One-Dimensional Linear Magnetoelastic Phononic Crystal Slabs by an External Magnetostatic Field. Physical Review Applied, 2020, 13, .	3.8	9
8	Topologically protected zero refraction of elastic waves in pseudospin-Hall phononic crystals. Communications Physics, 2020, 3, .	5.3	35
9	Edge states and corner modes in second-order topological phononic crystal plates. Applied Physics Express, 2019, 12, 094003.	2.4	15
10	Pseudospins and topological edge states for fundamental antisymmetric Lamb modes in snowflakelike phononic crystal slabs. Journal of the Acoustical Society of America, 2019, 146, 729-735.	1.1	27
11	Magnetically tunable topological interface states for Lamb waves in one-dimensional magnetoelastic phononic crystal slabs. AIP Advances, 2019, 9, .	1.3	17
12	Pseudomagnetic fields and Landau levels for out-of-plane elastic waves in gradient snowflake-shaped crystals. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 125974.	2.1	6
13	Reconfigurable Topological Phases in Two-Dimensional Dielectric Photonic Crystals. Crystals, 2019, 9, 221.	2.2	23
14	Thermally tunable topological edge states for in-plane bulk waves in solid phononic crystals. Ultrasonics, 2019, 94, 227-234.	3.9	25
15	Topologically protected edge states for out-of-plane and in-plane bulk elastic waves. Journal of Physics Condensed Matter, 2018, 30, 145403.	1.8	22
16	Reconfigurable topological phononic crystal slabs. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2880-2885.	2.1	16
17	Self-ordering induces multiple topological transitions for in-plane bulk waves in solid phononic crystals. Physical Review B, 2018, 98, .	3.2	39
18	Topological Interface States of Shear Horizontal Guided Wave in Oneâ€Dimensional Phononic Quasicrystal Slabs. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800322.	2.4	20

#	Article	IF	Citations
19	Simultaneous topological Bragg and locally resonant edge modes of shear horizontal guided wave in one-dimensional structure. Journal Physics D: Applied Physics, 2017, 50, 275102.	2.8	31
20	Simultaneous multi-band valley-protected topological edge states of shear vertical wave in two-dimensional phononic crystals with veins. Scientific Reports, 2017, 7, 10335.	3.3	84
21	Topological valley transport of plate-mode waves in a homogenous thin plate with periodic stubbed surface. AIP Advances, 2017, 7, .	1.3	50
22	Ideal type-II Weyl phases and surface states for elastic waves in three-dimensional solid phononic crystals. Physica Scripta, 0, , .	2.5	7