

Ze-Guo Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3789376/publications.pdf>

Version: 2024-02-01

25
papers

1,137
citations

471371

17
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Abelian braiding on photonic chips. <i>Nature Photonics</i> , 2022, 16, 390-395.	15.6	58
2	Classical non-Abelian braiding of acoustic modes. <i>Nature Physics</i> , 2022, 18, 179-184.	6.5	32
3	Observation of Degenerate Zero-Energy Topological States at Disclinations in an Acoustic Lattice. <i>Physical Review Letters</i> , 2022, 128, 174301.	2.9	35
4	Landau-Zener Transition in the Dynamic Transfer of Acoustic Topological States. <i>Physical Review Letters</i> , 2021, 126, 054301.	2.9	42
5	Multi-dimensional wave steering with higher-order topological phononic crystal. <i>Science Bulletin</i> , 2021, 66, 1740-1745.	4.3	26
6	Acoustic Realization of a Four-Dimensional Higher-Order Chern Insulator and Boundary-Modes Engineering. <i>Physical Review X</i> , 2021, 11, .	2.8	41
7	Wave Steering by Relaying Interface States in a Valley-Hall-Derived Photonic Superlattice. <i>Physical Review Applied</i> , 2021, 16, .	1.5	4
8	Synthetic Three-Dimensional $\mathbb{Z}\tilde{\mathbb{A}}-\mathbb{Z}\mathbb{2}$ Topological Insulator in an Elastic Metacrystal. <i>Physical Review Letters</i> , 2021, 127, 214302.	2.9	9
9	Chiral Symmetry Breaking of Tight-Binding Models in Coupled Acoustic-Cavity Systems. <i>Physical Review Applied</i> , 2020, 14, .	1.5	35
10	Three-Dimensional Acoustic Double-Zero-Index Medium with a Fourfold Degenerate Dirac-like Point. <i>Physical Review Letters</i> , 2020, 124, 074501.	2.9	51
11	Corner states in a second-order acoustic topological insulator as bound states in the continuum. <i>Physical Review B</i> , 2019, 100, .	1.1	84
12	Twist-projected two-dimensional acoustic topological insulators. <i>Physical Review B</i> , 2019, 99, .	1.1	11
13	Multiple topological phase transitions in a gyromagnetic photonic crystal. <i>Physical Review A</i> , 2017, 95, .	1.0	27
14	Acoustic frequency filter based on anisotropic topological phononic crystals. <i>Scientific Reports</i> , 2017, 7, 15005.	1.6	23
15	Tunable Topological Phononic Crystals. <i>Physical Review Applied</i> , 2016, 5, .	1.5	189
16	Pseudo-time-reversal symmetry and topological edge states in two-dimensional acoustic crystals. <i>Scientific Reports</i> , 2016, 6, 32752.	1.6	116
17	Tunable waveguide bends with graphene-based anisotropic metamaterials. <i>Applied Physics Express</i> , 2016, 9, 025101.	1.1	3
18	Acoustic asymmetric transmission based on time-dependent dynamical scattering. <i>Scientific Reports</i> , 2015, 5, 10880.	1.6	47

#	ARTICLE	IF	CITATIONS
19	Broadband enhanced transmission of acoustic waves through serrated metal gratings. Applied Physics Letters, 2015, 106, .	1.5	10
20	Reduce thermal conductivity by forming a nano-phononic crystal on a Si slab. Europhysics Letters, 2014, 106, 56002.	0.7	5
21	Rabi splitting in an acoustic cavity embedded plate. New Journal of Physics, 2014, 16, 043006.	1.2	2
22	Acoustic cloaking by a near-zero-index phononic crystal. Applied Physics Letters, 2014, 104, .	1.5	99
23	Accidental degeneracy of double Dirac cones in a phononic crystal. Scientific Reports, 2014, 4, 4613.	1.6	93
24	Acoustic rainbow trapping by coiling up space. Scientific Reports, 2014, 4, 7038.	1.6	83
25	A new type of artificial structure to achieve broadband omnidirectional acoustic absorption. AIP Advances, 2013, 3, .	0.6	12