

Chen Rui

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

591
citations

759233

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839539

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18
docs citations

18
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer Hall effect in a 2D topological axion antiferromagnet. Nature, 2021, 595, 521-525.	27.8	136
2	Higher-Order Topological Insulators in Quasicrystals. Physical Review Letters, 2020, 124, 036803.	7.8	133
3	Finite-size effects in non-Hermitian topological systems. Physical Review B, 2019, 99, .	3.2	43
4	Higher-order topological insulator in a dodecagonal quasicrystal. Physical Review B, 2020, 102, .	3.2	36
5	Analytical solution for the surface states of the antiferromagnetic topological insulator MnBi . Physical Review B, 2020, 102, .	3.2	34
6	Using nonlocal surface transport to identify the axion insulator. Physical Review B, 2021, 103, .	3.2	33
7	Field-Tunable One-Sided Higher-Order Topological Hinge States in Dirac Semimetals. Physical Review Letters, 2021, 127, 066801.	7.8	28
8	Realization of quasicrystalline quadrupole topological insulators in electrical circuits. Communications Physics, 2021, 4, .	5.3	26
9	Topological Anderson insulator phase in a Dirac-semimetal thin film. Physical Review B, 2017, 95, .	3.2	24
10	Weyl nodes with higher-order topology in an optically driven nodal-line semimetal. Physical Review B, 2022, 105, .	3.2	15
11	Phase diagrams of Weyl semimetals with competing intraorbital and interorbital disorders. Physical Review B, 2018, 97, .	3.2	14
12	Higher-order topological Anderson insulators in quasicrystals. Physical Review B, 2021, 104, .	3.2	14
13	Finite size effects on the helical edge states on the Lieb lattice. Chinese Physics B, 2016, 25, 067204.	1.4	12
14	Topological Anderson insulators in an Ammann-Beenker quasicrystal and a snub-square crystal. Physical Review B, 2021, 103, .	3.2	12
15	Quantum Hall effect originated from helical edge states in CdMnTe . Physical Review Research, 2021, 3, .	3.3	12
16	Disorder-induced chiral and helical Majorana edge modes in a two-dimensional Ammann-Beenker quasicrystal. Physical Review B, 2021, 104, .	3.2	10
17	Phase transitions in intrinsic magnetic topological insulator with high-frequency pumping. Journal of Physics Condensed Matter, 2022, 34, 225001.	1.8	5