

Linhu Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

899
citations

14
h-index

29
g-index

40
ext. papers

1,482
ext. citations

4.8
avg, IF

5.31
L-index

#	Paper	IF	Citations
35	Delocalization of topological edge states. <i>Physical Review B</i> , 2021 , 103,	3.3	1
34	Point-gap topology with complete bulk-boundary correspondence and anomalous amplification in the Fock space of dissipative quantum systems. <i>Physical Review B</i> , 2021 , 103,	3.3	1
33	Impurity induced scale-free localization. <i>Communications Physics</i> , 2021 , 4,	5.4	4
32	Direct dynamical characterization of higher-order topological phases with nested band inversion surfaces. <i>Science Bulletin</i> , 2021 , 66, 1502-1510	10.6	3
31	Quantized classical response from spectral winding topology. <i>Nature Communications</i> , 2021 , 12, 5294	17.4	5
30	Probing higher-order band topology via spin texture measurements: quantum simulation. <i>Science Bulletin</i> , 2021 , 66, 1817-1818	10.6	0
29	Topological characterization of non-Hermitian multiband systems using Majorana's stellar representation. <i>Physical Review B</i> , 2020 , 101,	3.3	7
28	Topological Switch for Non-Hermitian Skin Effect in Cold-Atom Systems with Loss. <i>Physical Review Letters</i> , 2020 , 124, 250402	7.4	48
27	Unraveling non-Hermitian pumping: Emergent spectral singularities and anomalous responses. <i>Physical Review B</i> , 2020 , 102,	3.3	29
26	Emergent Fermi surface in a many-body non-Hermitian fermionic chain. <i>Physical Review B</i> , 2020 , 102,	3.3	23
25	Critical non-Hermitian skin effect. <i>Nature Communications</i> , 2020 , 11, 5491	17.4	46
24	Characterization of Phase Transition Points for Topological Gapped Systems 2019 , 1-43		
23	Robust one dimensionality at twin grain boundaries in MoSe ₂ . <i>Physical Review B</i> , 2019 , 99,	3.3	2
22	Geometric characterization of non-Hermitian topological systems through the singularity ring in pseudospin vector space. <i>Physical Review B</i> , 2019 , 100,	3.3	38
21	Hybrid Higher-Order Skin-Topological Modes in Nonreciprocal Systems. <i>Physical Review Letters</i> , 2019 , 123, 016805	7.4	134
20	Emergence and full 3D-imaging of nodal boundary Seifert surfaces in 4D topological matter. <i>Communications Physics</i> , 2019 , 2,	5.4	14
19	Dynamical topological invariant after a quantum quench. <i>Physical Review B</i> , 2018 , 97,	3.3	45

18	Transition from a nodal-loop phase to a nodal-chain phase in a periodically modulated optical lattice. <i>Physical Review A</i> , 2018 , 97,	2.6	1
17	Characterization of Lifshitz transitions in topological nodal line semimetals. <i>European Physical Journal B</i> , 2018 , 91, 1	1.2	2
16	Realistic Floquet Semimetal with Exotic Topological Linkages between Arbitrarily Many Nodal Loops. <i>Physical Review Letters</i> , 2018 , 121, 036401	7.4	33
15	Direct prediction of corner state configurations from edge winding numbers in two- and three-dimensional chiral-symmetric lattice systems. <i>Physical Review B</i> , 2018 , 98,	3.3	21
14	Broken-symmetry phases of interacting nested Weyl and Dirac loops. <i>Physical Review B</i> , 2018 , 98,	3.3	4
13	Geometrical meaning of winding number and its characterization of topological phases in one-dimensional chiral non-Hermitian systems. <i>Physical Review A</i> , 2018 , 97,	2.6	149
12	Chiral topological insulating phases from three-dimensional nodal loop semimetals. <i>Physical Review B</i> , 2017 , 95,	3.3	9
11	\mathbb{Z}_2 Flux loop semimetals. <i>Physical Review B</i> , 2017 , 96,	3.3	11
10	Engineering topological phases with a three-dimensional nodal-loop semimetal. <i>Physical Review B</i> , 2017 , 96,	3.3	8
9	Topological insulating phases from two-dimensional nodal loop semimetals. <i>Physical Review B</i> , 2016 , 94,	3.3	12
8	Topological invariants for phase transition points of one-dimensional \mathbb{Z}_2 topological systems. <i>European Physical Journal B</i> , 2016 , 89, 1	1.2	12
7	Strain-induced topological phase transition at zigzag edges of monolayer transition-metal dichalcogenides. <i>Physical Review B</i> , 2016 , 94,	3.3	14
6	Hidden-symmetry-protected topological phases on a one-dimensional lattice. <i>Europhysics Letters</i> , 2015 , 109, 40006	1.6	12
5	Characterization of topological phase transitions via topological properties of transition points. <i>Physical Review B</i> , 2015 , 92,	3.3	27
4	Winding numbers of phase transition points for one-dimensional topological systems. <i>Europhysics Letters</i> , 2015 , 112, 10004	1.6	22
3	Topological phases of generalized Su-Schrieffer-Heeger models. <i>Physical Review B</i> , 2014 , 89,	3.3	108
2	Fractional topological states of dipolar fermions in one-dimensional optical superlattices. <i>Physical Review Letters</i> , 2013 , 110, 215301	7.4	49
1	Wigner crystal versus fermionization for one-dimensional Hubbard models with and without long-range interactions. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 055601	1.8	5

