

Tsuneya Yoshida

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.

51
papers

975
citations

16
h-index

30
g-index

58
ext. papers

1,455
ext. citations

3.7
avg. IF

5.53
L-index

#	Paper	IF	Citations
51	Non-Hermitian topology in rock-paper-scissors games.. <i>Scientific Reports</i> , 2022 , 12, 560	4.9	1
50	Topological d-wave superconductivity in two dimensions. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022 , 115143	3	3
49	Edge states of a diffusion equation in one dimension: Rapid heat conduction to the heat bath.. <i>Physical Review E</i> , 2022 , 105, 024137	2.4	1
48	Higher-order topological Mott insulator on the pyrochlore lattice. <i>Scientific Reports</i> , 2021 , 11, 20270	4.9	0
47	Symmetry-Protected Multifold Exceptional Points and Their Topological Characterization. <i>Physical Review Letters</i> , 2021 , 127, 186602	7.4	7
46	Machine Learning of Mirror Skin Effects in the Presence of Disorder. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 053703	1.5	0
45	Square-root topological phase with time-reversal and particle-hole symmetry. <i>Physical Review B</i> , 2021 , 103,	3.3	3
44	Bulk-edge correspondence of classical diffusion phenomena. <i>Scientific Reports</i> , 2021 , 11, 888	4.9	5
43	Exceptional points in the one-dimensional Hubbard model. <i>New Journal of Physics</i> , 2021 , 23, 013011	2.9	6
42	Square-root topological semimetals. <i>Physical Review B</i> , 2021 , 103,	3.3	11
41	Real-space dynamical mean field theory study of non-Hermitian skin effect for correlated systems: Analysis based on pseudospectrum. <i>Physical Review B</i> , 2021 , 103,	3.3	3
40	Correlation effects on non-Hermitian point-gap topology in zero dimension: Reduction of topological classification. <i>Physical Review B</i> , 2021 , 104,	3.3	2
39	Chiral edge modes in evolutionary game theory: A kagome network of rock-paper-scissors cycles. <i>Physical Review E</i> , 2021 , 104, 025003	2.4	2
38	Higher-order topological phases in a spring-mass model on a breathing kagome lattice. <i>Physical Review B</i> , 2020 , 101,	3.3	25
37	Relationship between exceptional points and the Kondo effect in f-electron materials. <i>Physical Review B</i> , 2020 , 101,	3.3	14
36	Non-Hermitian topological Mott insulators in one-dimensional fermionic superlattices. <i>Physical Review B</i> , 2020 , 102,	3.3	14
35	Mirror skin effect and its electric circuit simulation. <i>Physical Review Research</i> , 2020 , 2,	3.9	45

34	Fate of fractional quantum Hall states in open quantum systems: Characterization of correlated topological states for the full Liouvillian. <i>Physical Review Research</i> , 2020 , 2,	3.9	8
33	Phase transitions and generalized biorthogonal polarization in non-Hermitian systems. <i>Physical Review Research</i> , 2020 , 2,	3.9	5
32	Exceptional band touching for strongly correlated systems in equilibrium. <i>Progress of Theoretical and Experimental Physics</i> , 2020 , 2020,	5.4	17
31	Topological Modes Protected by Chiral and Two-Fold Rotational Symmetry in a Spring-Mass Model with a Lieb Lattice Structure. <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 083702	1.5	2
30	Chiral-symmetry protected exceptional torus in correlated nodal-line semimetals. <i>Physical Review B</i> , 2019 , 100,	3.3	34
29	Exceptional rings protected by emergent symmetry for mechanical systems. <i>Physical Review B</i> , 2019 , 100,	3.3	52
28	Z_4 Topological Superconductivity in UCoGe. <i>Physical Review Letters</i> , 2019 , 122, 227001	7.4	17
27	Efficient method to compute Z_4 indices with glide symmetry and applications to the Möbius materials CeNiSn and UCoGe. <i>Physical Review B</i> , 2019 , 99,	3.3	6
26	Symmetry-protected exceptional rings in two-dimensional correlated systems with chiral symmetry. <i>Physical Review B</i> , 2019 , 99,	3.3	137
25	Quantum oscillations in strongly correlated topological Kondo insulators. <i>Physical Review B</i> , 2019 , 100,	3.3	9
24	Higher-Order Topological Mott Insulators. <i>Physical Review Letters</i> , 2019 , 123, 196402	7.4	34
23	Non-Hermitian fractional quantum Hall states. <i>Scientific Reports</i> , 2019 , 9, 16895	4.9	45
22	Non-Hermitian perspective of the band structure in heavy-fermion systems. <i>Physical Review B</i> , 2018 , 98,	3.3	118
21	Magnetic states in a three-dimensional topological Kondo insulator. <i>Physical Review B</i> , 2018 , 98,	3.3	10
20	Reduction of Topological Z Classification in Cold-Atom Systems. <i>Physical Review Letters</i> , 2018 , 121, 025301	7.4	11
19	Topological Properties of Magnetically Ordered Heavy-Fermion Systems in the Presence of Mirror Symmetry. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 084705	1.5	3
18	Breakdown of topological Thouless pumping in the strongly interacting regime. <i>Physical Review B</i> , 2018 , 98,	3.3	16
17	Reduction of Z classification of a two-dimensional weak topological insulator: Real-space dynamical mean-field theory study. <i>Physical Review B</i> , 2017 , 95,	3.3	4

16	Fate of Majorana Modes in CeCoIn ₅ /YbCoIn ₅ Superlattices: A Test Bed for the Reduction of Topological Classification. <i>Physical Review Letters</i> , 2017 , 118, 147001	7.4	21
15	Topological edge Mott insulating state in two dimensions at finite temperatures: Bulk and edge analysis. <i>Physical Review B</i> , 2016 , 94,	3.3	15
14	Restoration of topological properties at finite temperatures in a heavy-fermion system. <i>Physical Review B</i> , 2016 , 93,	3.3	6
13	Coexistence of light and heavy surface states in a topological multiband Kondo insulator. <i>Physical Review B</i> , 2016 , 93,	3.3	22
12	Visualizing a bosonic symmetry protected topological phase in an interacting fermion model. <i>Physical Review B</i> , 2016 , 94,	3.3	12
11	Correlation effects on topological crystalline insulators. <i>Physical Review B</i> , 2015 , 92,	3.3	17
10	Bosonic symmetry-protected topological phases with reflection symmetry. <i>Physical Review B</i> , 2015 , 92,	3.3	12
9	Characterization of a topological Mott insulator in one dimension. <i>Physical Review Letters</i> , 2014 , 112, 196404	7.4	58
8	Partial Kondo Screening in a Geometrically Frustrated Heavy Electron System 2014 ,		2
7	Topological phase in a two-dimensional metallic heavy-fermion system. <i>Physical Review B</i> , 2013 , 87,	3.3	11
6	Topological antiferromagnetic phase in a correlated Bernevig-Hughes-Zhang model. <i>Physical Review B</i> , 2013 , 87,	3.3	42
5	Interorbital correlation effects on heavy-electron systems. <i>Physical Review B</i> , 2012 , 85,	3.3	7
4	Correlation effects on a topological insulator at finite temperatures. <i>Physical Review B</i> , 2012 , 85,	3.3	66
3	Study of Charge-Density-Wave Instability in Heavy Electron Systems. <i>Journal of Physics: Conference Series</i> , 2012 , 391, 012170	0.3	
2	Antiferromagnetic Instability of an Extended Periodic Anderson Model in Large Dimensions [Continuous Time Quantum Monte Carlo Study] <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SA140	1.5	
1	Effects of Conduction Electron Correlation on Heavy-Fermion Systems. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 064710	1.5	14