

# Tsuneya Yoshida

## List of Publications by Citations

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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	Symmetry-protected exceptional rings in two-dimensional correlated systems with chiral symmetry. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	137
50	Non-Hermitian perspective of the band structure in heavy-fermion systems. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	118
49	Correlation effects on a topological insulator at finite temperatures. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	66
48	Characterization of a topological Mott insulator in one dimension. <i>Physical Review Letters</i> , <b>2014</b> , 112, 196404	7.4	58
47	Exceptional rings protected by emergent symmetry for mechanical systems. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	52
46	Non-Hermitian fractional quantum Hall states. <i>Scientific Reports</i> , <b>2019</b> , 9, 16895	4.9	45
45	Mirror skin effect and its electric circuit simulation. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	45
44	Topological antiferromagnetic phase in a correlated Bernevig-Hughes-Zhang model. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	42
43	Chiral-symmetry protected exceptional torus in correlated nodal-line semimetals. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	34
42	Higher-Order Topological Mott Insulators. <i>Physical Review Letters</i> , <b>2019</b> , 123, 196402	7.4	34
41	Higher-order topological phases in a spring-mass model on a breathing kagome lattice. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	25
40	Coexistence of light and heavy surface states in a topological multiband Kondo insulator. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	22
39	Fate of Majorana Modes in CeCoIn <sub>5</sub> /YbCoIn <sub>5</sub> Superlattices: A Test Bed for the Reduction of Topological Classification. <i>Physical Review Letters</i> , <b>2017</b> , 118, 147001	7.4	21
38	Z <sub>4</sub> Topological Superconductivity in UCoGe. <i>Physical Review Letters</i> , <b>2019</b> , 122, 227001	7.4	17
37	Correlation effects on topological crystalline insulators. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	17
36	Exceptional band touching for strongly correlated systems in equilibrium. <i>Progress of Theoretical and Experimental Physics</i> , <b>2020</b> , 2020,	5.4	17
35	Breakdown of topological Thouless pumping in the strongly interacting regime. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	16

34	Topological edge Mott insulating state in two dimensions at finite temperatures: Bulk and edge analysis. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	15
33	Relationship between exceptional points and the Kondo effect in f-electron materials. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	14
32	Effects of Conduction Electron Correlation on Heavy-Fermion Systems. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 064710	1.5	14
31	Non-Hermitian topological Mott insulators in one-dimensional fermionic superlattices. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	14
30	Visualizing a bosonic symmetry protected topological phase in an interacting fermion model. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	12
29	Bosonic symmetry-protected topological phases with reflection symmetry. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	12
28	Reduction of Topological Z Classification in Cold-Atom Systems. <i>Physical Review Letters</i> , <b>2018</b> , 121, 025301	3.1	11
27	Topological phase in a two-dimensional metallic heavy-fermion system. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	11
26	Square-root topological semimetals. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	11
25	Magnetic states in a three-dimensional topological Kondo insulator. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	10
24	Quantum oscillations in strongly correlated topological Kondo insulators. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	9
23	Fate of fractional quantum Hall states in open quantum systems: Characterization of correlated topological states for the full Liouvillian. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	8
22	Interorbital correlation effects on heavy-electron systems. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	7
21	Symmetry-Protected Multifold Exceptional Points and Their Topological Characterization. <i>Physical Review Letters</i> , <b>2021</b> , 127, 186602	7.4	7
20	Efficient method to compute Z <sub>4</sub> indices with glide symmetry and applications to the MBi <sub>2</sub> Sn materials CeNiSn and UCoGe. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	6
19	Restoration of topological properties at finite temperatures in a heavy-fermion system. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	6
18	Exceptional points in the one-dimensional Hubbard model. <i>New Journal of Physics</i> , <b>2021</b> , 23, 013011	2.9	6
17	Phase transitions and generalized biorthogonal polarization in non-Hermitian systems. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	5

16	Bulk-edge correspondence of classical diffusion phenomena. <i>Scientific Reports</i> , <b>2021</b> , 11, 888	4.9	5
15	Reduction of Z classification of a two-dimensional weak topological insulator: Real-space dynamical mean-field theory study. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	4
14	Topological d-wave superconductivity in two dimensions. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2022</b> , 115143	3	3
13	Square-root topological phase with time-reversal and particle-hole symmetry. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	3
12	Real-space dynamical mean field theory study of non-Hermitian skin effect for correlated systems: Analysis based on pseudospectrum. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	3
11	Topological Properties of Magnetically Ordered Heavy-Fermion Systems in the Presence of Mirror Symmetry. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 084705	1.5	3
10	Partial Kondo Screening in a Geometrically Frustrated Heavy Electron System <b>2014</b> ,		2
9	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> , <b>2020</b> , 89, 083702	1.5	2
8	Correlation effects on non-Hermitian point-gap topology in zero dimension: Reduction of topological classification. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	2
7	Chiral edge modes in evolutionary game theory: A kagome network of rock-paper-scissors cycles. <i>Physical Review E</i> , <b>2021</b> , 104, 025003	2.4	2
6	Non-Hermitian topology in rock-paper-scissors games.. <i>Scientific Reports</i> , <b>2022</b> , 12, 560	4.9	1
5	Edge states of a diffusion equation in one dimension: Rapid heat conduction to the heat bath.. <i>Physical Review E</i> , <b>2022</b> , 105, 024137	2.4	1
4	Higher-order topological Mott insulator on the pyrochlore lattice. <i>Scientific Reports</i> , <b>2021</b> , 11, 20270	4.9	0
3	Machine Learning of Mirror Skin Effects in the Presence of Disorder. <i>Journal of the Physical Society of Japan</i> , <b>2021</b> , 90, 053703	1.5	0
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> , <b>2011</b> , 80, SA140	1.5	
1	Study of Charge-Density-Wave Instability in Heavy Electron Systems. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 391, 012170	0.3	