

# Po-Yao Chang

## List of Publications by Year in descending order

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29  
papers

878  
citations

516710

16  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1080  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protected boundary states in gapless topological phases. <i>New Journal of Physics</i> , 2013, 15, 065001.	2.9	153
2	Weyl-link semimetals. <i>Physical Review B</i> , 2017, 96, .	3.2	86
3	Entanglement spectrum and entropy in topological non-Hermitian systems and nonunitary conformal field theory. <i>Physical Review Research</i> , 2020, 2, .	3.6	74
4	Mãrbius Kondo insulators. <i>Nature Physics</i> , 2017, 13, 794-798.	16.7	67
5	Skyrme Insulators: Insulators at the Brink of Superconductivity. <i>Physical Review Letters</i> , 2017, 119, 057603.	7.8	67
6	Entanglement negativity after a local quantum quench in conformal field theories. <i>Physical Review B</i> , 2015, 92, .	3.2	65
7	Vibrationally assisted electron transfer mechanism of olfaction: myth or reality?. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13861.	2.8	53
8	A class of topological nodal rings and its realization in carbon networks. <i>Physical Review B</i> , 2018, 97, .	3.2	49
9	Topological entanglement negativity in Chern-Simons theories. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	42
10	Entanglement negativity in free-fermion systems: An overlap matrix approach. <i>Physical Review B</i> , 2016, 93, .	3.2	22
11	Nodal-chain network, intersecting nodal rings and triple points coexisting in nonsymmorphic $\text{Ba}_{3\text{Si}_4}$ . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 21177-21183.	2.8	22
12	Topology and entanglement in quench dynamics. <i>Physical Review B</i> , 2018, 97, .	3.2	21
13	Evolution of Entanglement Spectra under Generic Quantum Dynamics. <i>Physical Review Letters</i> , 2019, 123, 190602.	7.8	19
14	Hopf-chain networks evolved from triple points. <i>Physical Review B</i> , 2019, 99, .	3.2	17
15	Symmetry-protected entangling boundary zero modes in crystalline topological insulators. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P09014.	2.3	16
16	Parity-violating hybridization in heavy Weyl semimetals. <i>Physical Review B</i> , 2018, 97, .	3.2	16
17	Nexus networks in carbon honeycombs. <i>Physical Review Materials</i> , 2018, 2, .	2.4	16
18	Majorana vortex-bound states in three-dimensional nodal noncentrosymmetric superconductors. <i>Physical Review B</i> , 2014, 90, .	3.2	13

#	ARTICLE	IF	CITATIONS
19	Rényi entropies and negative central charges in non-Hermitian quantum systems. SciPost Physics, 2022, 12, .	4.9	12
20	Quantum paracrystalline shear modes of the electron liquid. Physical Review B, 2020, 102, .	3.2	9
21	Bell's inequality and entanglement in qubits. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
22	Orbital-enhanced warping effect in px,py-derived Rashba spin splitting of monatomic bismuth surface alloy. Npj Quantum Materials, 2020, 5, .	5.2	7
23	Interlocking nodal chains and their examples in carbon networks. Carbon, 2020, 157, 563-569.	10.3	6
24	Conductance through a single impurity in the metallic zigzag carbon nanotube. Applied Physics Letters, 2009, 95, .	3.3	5
25	Bell's inequality, generalized concurrence and entanglement in qubits. International Journal of Modern Physics A, 2019, 34, 1950032.	1.5	5
26	Proximity-Effect-Induced Anisotropic Superconductivity in a Monolayer Ni-Pb Binary Alloy. ACS Applied Materials & Interfaces, 2022, 14, 23990-23997.	8.0	3
27	Impurity-induced conductance anomaly in zigzag carbon nanotubes. Journal of Physics: Conference Series, 2009, 150, 022007.	0.4	2
28	Disorder-induced topology in quench dynamics. Physical Review Research, 2021, 3, .	3.6	2
29	Non-Abelian fracton order from gauging a mixture of subsystem and global symmetries. Physical Review Research, 2021, 3, .	3.6	1