

Andrew C Potter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/23046/publications.pdf>

Version: 2024-02-01

52
papers

5,770
citations

94433

37
h-index

168389

53
g-index

53
all docs

53
docs citations

53
times ranked

4745
citing authors

#	ARTICLE	IF	CITATIONS
1	Variational Power of Quantum Circuit Tensor Networks. Physical Review X, 2022, 12, .	8.9	23
2	Topological edge modes without symmetry in quasiperiodically driven spin chains. Physical Review B, 2022, 105, .	3.2	13
3	Quantum Hall Network Models as Floquet Topological Insulators. Physical Review Letters, 2020, 125, 086601.	7.8	4
4	Superuniversality from disorder at two-dimensional topological phase transitions. Physical Review B, 2020, 102, .	3.2	5
5	Fractal non-Fermi liquids from moiré Hofstadter phonons. Physical Review B, 2020, 102, .	3.2	1
6	Symmetry-enforced fractonicity and two-dimensional quantum crystal melting. Physical Review B, 2019, 100, .	3.2	38
7	Entanglement transitions from holographic random tensor networks. Physical Review B, 2019, 100, .	3.2	111
8	Interacting invariants for Floquet phases of fermions in two dimensions. Physical Review B, 2019, 99, .	3.2	45
9	Quantum Hall effect based on Weyl orbits in Cd ₃ As ₂ . Nature, 2019, 565, 331-336.	27.8	194
10	Logarithmically Slow Relaxation in Quasiperiodically Driven Random Spin Chains. Physical Review Letters, 2018, 120, 070602.	7.8	55
11	Thermodynamic signature of Dirac electrons across a possible topological transition in ZrTe_5 . Physical Review B, 2018, 97, .	3.2	19
12	Localization-protected order in spin chains with non-Abelian discrete symmetries. Physical Review B, 2018, 98, .	3.2	21
13	Tracking the quantized information transfer at the edge of a chiral Floquet phase. Physical Review B, 2018, 98, .	3.2	13
14	String order parameters for one-dimensional Floquet symmetry protected topological phases. Physical Review B, 2018, 97, .	3.2	10
15	Infinite family of three-dimensional Floquet topological paramagnets. Physical Review B, 2018, 97, .	3.2	12
16	Observation of a discrete time crystal. Nature, 2017, 543, 217-220.	27.8	764
17	Universal crossover from ground-state to excited-state quantum criticality. Physical Review B, 2017, 95, .	3.2	8
18	Eigenstate phase transitions and the emergence of universal dynamics in highly excited states. Annalen Der Physik, 2017, 529, 1600302.	2.4	53

#	ARTICLE	IF	CITATIONS
19	Dynamically enriched topological orders in driven two-dimensional systems. Physical Review B, 2017, 95, .	3.2	47
20	Scaling Theory of Entanglement at the Many-Body Localization Transition. Physical Review Letters, 2017, 119, 110604.	7.8	84
21	Floquet Symmetry-Protected Topological Phases in Cold-Atom Systems. Physical Review Letters, 2017, 119, 123601.	7.8	94
22	Many-body localization in the presence of a small bath. Physical Review B, 2017, 95, .	3.2	44
23	Realizing topological surface states in a lower-dimensional flat band. Physical Review B, 2017, 96, .	3.2	22
24	Radical chiral Floquet phases in a periodically driven Kitaev model and beyond. Physical Review B, 2017, 96, .	3.2	58
25	Transport evidence for Fermi-arc-mediated chirality transfer in the Dirac semimetal Cd ₃ As ₂ . Nature, 2016, 535, 266-270.	27.8	292
26	Chiral Floquet Phases of Many-Body Localized Bosons. Physical Review X, 2016, 6, .	8.9	111
27	Symmetry constraints on many-body localization. Physical Review B, 2016, 94, .	3.2	96
28	Thermoelectric Transport Signatures of Dirac Composite Fermions in the Half-Filled Landau Level. Physical Review X, 2016, 6, .	8.9	37
29	Classification of Interacting Topological Floquet Phases in One Dimension. Physical Review X, 2016, 6, .	8.9	181
30	Quantum oscillations from generic surface Fermi arcs and bulk chiral modes in Weyl semimetals. Scientific Reports, 2016, 6, 23741.	3.3	68
31	Particle-hole symmetry, many-body localization, and topological edge modes. Physical Review B, 2016, 93, .	3.2	60
32	Magnetic torque anomaly in the quantum limit of Weyl semimetals. Nature Communications, 2016, 7, 12492.	12.8	54
33	Stable non-Fermi-liquid phase of itinerant spin-orbit coupled ferromagnets. Physical Review B, 2015, 92, .	3.2	11
34	Universal Properties of Many-Body Delocalization Transitions. Physical Review X, 2015, 5, .	8.9	240
35	Quantum Criticality of Hot Random Spin Chains. Physical Review Letters, 2015, 114, 217201.	7.8	94
36	Edge Ferromagnetism from Majorana Flat Bands: Application to Split Tunneling-Conductance Peaks in High-T _c Superconductors. Physical Review Letters, 2014, 112, 117002.	7.8	34

#	ARTICLE	IF	CITATIONS
37	Classification of Interacting Electronic Topological Insulators in Three Dimensions. <i>Science</i> , 2014, 343, 629-631.	12.6	206
38	Marginal Anderson localization and many-body delocalization. <i>Physical Review B</i> , 2014, 90, .	3.2	57
39	Quantum oscillations from surface Fermi arcs in Weyl and Dirac semimetals. <i>Nature Communications</i> , 2014, 5, 5161.	12.8	448
40	Landau quantization and quasiparticle interference in the three-dimensional Dirac semimetal Cd ₃ As ₂ . <i>Nature Materials</i> , 2014, 13, 851-856.	27.5	421
41	Gapped symmetry preserving surface state for the electron topological insulator. <i>Physical Review B</i> , 2013, 88, .	3.2	131
42	Mechanisms for sub-gap optical conductivity in Herbertsmithite. <i>Physical Review B</i> , 2013, 87, .	3.2	39
43	Anomalous supercurrent from Majorana states in topological insulator Josephson junctions. <i>Physical Review B</i> , 2013, 88, .	3.2	53
44	Quantum Spin Liquids and the Metal-Insulator Transition in Doped Semiconductors. <i>Physical Review Letters</i> , 2012, 109, 077205.	7.8	17
45	Superconducting and Ferromagnetic Phases in SrTiO_3 Interface Structures: Possibility of Finite Momentum Pairing. <i>Physical Review Letters</i> , 2012, 108, 117003.	7.8	193
46	Topological superconductivity and Majorana fermions in metallic surface states. <i>Physical Review B</i> , 2012, 85, .	3.2	73
47	Zero-Bias Peaks in the Tunneling Conductance of Spin-Orbit-Coupled Superconducting Wires with and without Majorana End-States. <i>Physical Review Letters</i> , 2012, 109, 267002.	7.8	387
48	Hanbury Brown-Twiss Interference of Anyons. <i>Physical Review Letters</i> , 2012, 109, 106802.	7.8	41
49	Engineering a $p+ip$ superconductor: Comparison of topological insulator and Rashba spin-orbit-coupled materials. <i>Physical Review B</i> , 2011, 83, .	3.2	174
50	Majorana end states in multiband microstructures with Rashba spin-orbit coupling. <i>Physical Review B</i> , 2011, 83, .	3.2	131
51	Superfluidity and Dimerization in a Multilayered System of Fermionic Polar Molecules. <i>Physical Review Letters</i> , 2010, 105, 220406.	7.8	70
52	Multichannel Generalization of Kitaev's Majorana End States and a Practical Route to Realize Them in Thin Films. <i>Physical Review Letters</i> , 2010, 105, 227003.	7.8	292