

Moty Heiblum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6860511/publications.pdf>

Version: 2024-02-01

22
papers

2,921
citations

430874

18
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

2491
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-bias peaks and splitting in an InAs nanowire topological superconductor as a signature of Majorana fermions. Nature Physics, 2012, 8, 887-895.	16.7	1,796
2	Observation of half-integer thermal Hall conductance. Nature, 2018, 559, 205-210.	27.8	249
3	Observed quantization of anyonic heat flow. Nature, 2017, 545, 75-79.	27.8	146
4	Controlled dephasing of electrons by non-gaussian shot noise. Nature Physics, 2007, 3, 534-537.	16.7	86
5	Proliferation of neutral modes in fractional quantum Hall states. Nature Communications, 2014, 5, 4067.	12.8	77
6	Theory of Disorder-Induced Half-Integer Thermal Hall Conductance. Physical Review Letters, 2018, 121, 026801.	7.8	71
7	Charge Fractionalization in the Integer Quantum Hall Effect. Physical Review Letters, 2014, 112, 166801.	7.8	66
8	Edge reconstruction in fractional quantum Hall states. Nature Physics, 2017, 13, 491-496.	16.7	59
9	Quantum mechanical complementarity probed in a closed-loop Aharonov-Bohm interferometer. Nature Physics, 2008, 4, 205-209.	16.7	47
10	Nonlocal supercurrent of quartets in a three-terminal Josephson junction. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6991-6994.	7.1	44
11	Charge of a quasiparticle in a superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1743-1748.	7.1	37
12	Melting of Interference in the Fractional Quantum Hall Effect: Appearance of Neutral Modes. Physical Review Letters, 2019, 122, 246801.	7.8	37
13	Synthesizing a $\hat{\nu}=2/3$ fractional quantum Hall effect edge state from counter-propagating $\hat{\nu}=1$ and $\hat{\nu}=1/3$ states. Nature Communications, 2019, 10, 1920.	12.8	36
14	Distinguishing between non-abelian topological orders in a quantum Hall system. Science, 2022, 375, 193-197.	12.6	34
15	Nonequibrated Counterpropagating Edge Modes in the Fractional Quantum Hall Regime. Physical Review Letters, 2014, 113, 266803.	7.8	26
16	Counter-propagating charge transport in the quantum Hall effect regime. Science, 2019, 363, 54-57.	12.6	24
17	Robust integer and fractional helical modes in the quantum Hall effect. Nature Physics, 2018, 14, 411-416.	16.7	23
18	Why a noninteracting model works for shot noise in fractional charge experiments. Physical Review B, 2017, 95, .	3.2	21

#	ARTICLE	IF	CITATIONS
19	Edge probes of topological order. International Journal of Modern Physics A, 2020, 35, 2030009.	1.5	17
20	Energy Relaxation in Edge Modes in the Quantum Hall Effect. Physical Review Letters, 2020, 125, 256803.	7.8	13
21	Transmission of heat modes across a potential barrier. Nature Communications, 2017, 8, 2251.	12.8	11
22	Edge Probes of Topological Order. , 2020, , 183-230.		1