

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	Distinguishing between non-abelian topological orders in a quantum Hall system. <i>Science</i> , 2022, 375, 193-197.	12.6	34
2	Energy Relaxation in Edge Modes in the Quantum Hall Effect. <i>Physical Review Letters</i> , 2020, 125, 256803.	7.8	13
3	Edge probes of topological order. <i>International Journal of Modern Physics A</i> , 2020, 35, 2030009.	1.5	17
4	Edge Probes of Topological Order. , 2020, , 183-230.		1
5	Melting of Interference in the Fractional Quantum Hall Effect: Appearance of Neutral Modes. <i>Physical Review Letters</i> , 2019, 122, 246801.	7.8	37
6	Synthesizing a $\hat{\nu}=2/3$ fractional quantum Hall effect edge state from counter-propagating $\hat{\nu}=1$ and $\hat{\nu}=1/3$ states. <i>Nature Communications</i> , 2019, 10, 1920.	12.8	36
7	Counter-propagating charge transport in the quantum Hall effect regime. <i>Science</i> , 2019, 363, 54-57.	12.6	24
8	Robust integer and fractional helical modes in the quantum Hall effect. <i>Nature Physics</i> , 2018, 14, 411-416.	16.7	23
9	Theory of Disorder-Induced Half-Integer Thermal Hall Conductance. <i>Physical Review Letters</i> , 2018, 121, 026801.	7.8	71
10	Observation of half-integer thermal Hall conductance. <i>Nature</i> , 2018, 559, 205-210.	27.8	249
11	Nonlocal supercurrent of quartets in a three-terminal Josephson junction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6991-6994.	7.1	44
12	Edge reconstruction in fractional quantum Hall states. <i>Nature Physics</i> , 2017, 13, 491-496.	16.7	59
13	Observed quantization of anyonic heat flow. <i>Nature</i> , 2017, 545, 75-79.	27.8	146
14	Why a noninteracting model works for shot noise in fractional charge experiments. <i>Physical Review B</i> , 2017, 95, .	3.2	21
15	Transmission of heat modes across a potential barrier. <i>Nature Communications</i> , 2017, 8, 2251.	12.8	11
16	Charge of a quasiparticle in a superconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1743-1748.	7.1	37
17	Nonequilibrated Counterpropagating Edge Modes in the Fractional Quantum Hall Regime. <i>Physical Review Letters</i> , 2014, 113, 266803.	7.8	26
18	Charge Fractionalization in the Integer Quantum Hall Effect. <i>Physical Review Letters</i> , 2014, 112, 166801.	7.8	66

#	ARTICLE	IF	CITATIONS
19	Proliferation of neutral modes in fractional quantum Hall states. Nature Communications, 2014, 5, 4067.	12.8	77
20	Zero-bias peaks and splitting in an Al-InAs nanowire topological superconductor as a signature of Majorana fermions. Nature Physics, 2012, 8, 887-895.	16.7	1,796
21	Quantum mechanical complementarity probed in a closed-loop Aharonov-Bohm interferometer. Nature Physics, 2008, 4, 205-209.	16.7	47
22	Controlled dephasing of electrons by non-gaussian shot noise. Nature Physics, 2007, 3, 534-537.	16.7	86