

Maissam Barkeshli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4465462/publications.pdf>

Version: 2024-02-01

20
papers

722
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement-induced topological entanglement transitions in symmetric random quantum circuits. Nature Physics, 2021, 17, 342-347.	16.7	141
2	Theory of defects in Abelian topological states. Physical Review B, 2013, 88, .	3.2	126
3	Parton construction of a wave function in the anti-Pfaffian phase. Physical Review B, 2018, 98, .	3.2	60
4	Anyon Condensation and Continuous Topological Phase Transitions in Non-Abelian Fractional Quantum Hall States. Physical Review Letters, 2010, 105, 216804.	7.8	54
5	Fibonacci Anyons From Abelian Bilayer Quantum Hall States. Physical Review Letters, 2014, 113, 236804.	7.8	51
6	Prediction of a Non-Abelian Fractional Quantum Hall State with $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \text{f} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-Wave Pairing of Composite Fermions in Wide Quantum Wells. Physical Review Letters, 2019, 123, 016802.}$	7.8	37
7	Reflection and Time Reversal Symmetry Enriched Topological Phases of Matter: Path Integrals, Non-orientable Manifolds, and Anomalies. Communications in Mathematical Physics, 2020, 374, 1021-1124.	2.2	32
8	Fractional Quantum Hall Effect at $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} \hat{1} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 13 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$: The Parton Paradigm for the Second Landau Level. Physical Review Letters, 2018, 121, 186601.	7.8	25
9	Classification of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ D invertible fermionic topological phases with symmetry. Physical Review B, 2022, 105, .	3.2	24
10	Parton construction of particle-hole-conjugate Read-Rezayi parafermion fractional quantum Hall states and beyond. Physical Review B, 2019, 99, .	3.2	23
11	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \langle \text{mml:mi} \text{mathvariant="double-struck"} \rangle Z \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ superconductivity of composite bosons and the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 7 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ fractional quantum Hall effect. Physical Review Research, 2020, 2, .	3.6	23
12	Time-reversal and spatial-reflection symmetry localization anomalies in (2+1)-dimensional topological phases of matter. Physical Review B, 2018, 98, .	3.2	21
13	Relative anomalies in (2+1)D symmetry enriched topological states. SciPost Physics, 2020, 8, .	4.9	21
14	Extraction of the many-body Chern number from a single wave function. Physical Review B, 2021, 103, .	3.2	17
15	Absolute anomalies in (2+1)D symmetry-enriched topological states and exact (3+1)D constructions. Physical Review Research, 2020, 2, .	3.6	16
16	Fermionic symmetry fractionalization in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ dimensions. Physical Review B, 2022, 105, .	3.2	16
17	Topological Exciton Fermi Surfaces in Two-Component Fractional Quantized Hall Insulators. Physical Review Letters, 2018, 121, 026603.	7.8	11
18	Instantaneous braids and Dehn twists in topologically ordered states. Physical Review B, 2020, 102, .	3.2	8

#	ARTICLE	IF	CITATIONS
19	Universal Logical Gates on Topologically Encoded Qubits via Constant-Depth Unitary Circuits. Physical Review Letters, 2020, 125, 050502.	7.8	8
20	Anomaly cascade in Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML">	3.2	8