

Adam Nahum

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,782
citations

331670

21
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

1406
citing authors

#	ARTICLE	IF	CITATIONS
1	Coarse-Grained Entanglement and Operator Growth in Anomalous Dynamics. Physical Review Letters, 2022, 128, 080602.	7.8	3
2	Measurement and Entanglement Phase Transitions in All-To-All Quantum Circuits, on Quantum Trees, and in Landau-Ginsburg Theory. PRX Quantum, 2021, 2, .	9.2	119
3	Self-Dual Criticality in Three-Dimensional Z2 Gauge Theory with Matter. Physical Review X, 2021, 11, .	8.9	14
4	Entanglement Membrane in Chaotic Many-Body Systems. Physical Review X, 2020, 10, .	8.9	55
5	Note on Wess-Zumino-Witten models and quasiuniversality in $2+1$ dimensions. Physical Review B, 2020, 102, .	3.2	38
6	Entanglement and dynamics of diffusion-annihilation processes with Majorana defects. Physical Review Research, 2020, 2, .	3.6	74
7	Quantum criticality of loops with topologically constrained dynamics. Physical Review Research, 2020, 2, .	3.6	6
8	Measurement-Induced Phase Transitions in the Dynamics of Entanglement. Physical Review X, 2019, 9, .	8.9	366
9	Emergent statistical mechanics of entanglement in random unitary circuits. Physical Review B, 2019, 99, .	3.2	142
10	Emergence and spontaneous breaking of approximate $O(4)$ symmetry at a weakly first-order deconfined phase transition. Physical Review B, 2019, 99, .	3.2	49
11	Emergent $SO(5)$ Symmetry at the Columnar Ordering Transition in the Classical Cubic Dimer Model. Physical Review Letters, 2019, 122, 080601.	7.8	33
12	Operator Spreading in Random Unitary Circuits. Physical Review X, 2018, 8, .	8.9	443
13	Velocity-dependent Lyapunov exponents in many-body quantum, semiclassical, and classical chaos. Physical Review B, 2018, 98, .	3.2	104
14	Valence Bonds in Random Quantum Magnets: Theory and Application to $YbMgGaO$. Physical Review X, 2018, 8, .	8.9	127
15	Dynamics of entanglement and transport in one-dimensional systems with quenched randomness. Physical Review B, 2018, 98, .	3.2	81
16	Deconfined Quantum Critical Points: Symmetries and Dualities. Physical Review X, 2017, 7, .	8.9	221
17	Quantum Entanglement Growth under Random Unitary Dynamics. Physical Review X, 2017, 7, .	8.9	427
18	Universality class of the two-dimensional polymer collapse transition. Physical Review E, 2016, 93, 052502.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Emergent $SO(5)$ Symmetry at the Néel to Valence-Bond-Solid Transition. <i>Physical Review Letters</i> , 2015, 115, 267203.	7.8	117
20	Topological Constraints in Directed Polymer Melts. <i>Physical Review Letters</i> , 2015, 115, 228303.	7.8	4
21	Deconfined Quantum Criticality, Scaling Violations, and Classical Loop Models. <i>Physical Review X</i> , 2015, 5, .	8.9	129
22	Topological paramagnetism in frustrated spin-1 Mott insulators. <i>Physical Review B</i> , 2015, 91, .	3.2	34
23	Loop Models with Crossings in 2D. <i>Springer Theses</i> , 2015, , 83-115.	0.1	0
24	The Statistics of Vortex Lines. <i>Springer Theses</i> , 2015, , 63-81.	0.1	0
25	Length Distributions in Loop Soups. <i>Physical Review Letters</i> , 2013, 111, 100601.	7.8	21
26	Loop models with crossings. <i>Physical Review B</i> , 2013, 87, .	3.2	41
27	Phase transitions in three-dimensional loop models and the CP^1 model. <i>Physical Review B</i> , 2013, 88, .	3.2	42
28	Universal statistics of vortex lines. <i>Physical Review E</i> , 2012, 85, 031141.	2.1	25
29	3D Loop Models and the CP^1 Model. <i>Physical Review Letters</i> , 2011, 107, 110601.	7.8	39