

Tankut Can

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

388
citations

840776

11
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839539

18
g-index

19
all docs

19
docs citations

19
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometry of quantum Hall states: Gravitational anomaly and transport coefficients. <i>Annals of Physics</i> , 2015, 362, 752-794.	2.8	63
2	Spectral Gaps and Midgap States in Random Quantum Master Equations. <i>Physical Review Letters</i> , 2019, 123, 234103.	7.8	43
3	Odd surface waves in two-dimensional incompressible fluids. <i>SciPost Physics</i> , 2018, 5, .	4.9	40
4	Emergent Conformal Symmetry and Geometric Transport Properties of Quantum Hall States on Singular Surfaces. <i>Physical Review Letters</i> , 2016, 117, 266803.	7.8	38
5	Random Lindblad dynamics. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2019, 52, 485302.	2.1	38
6	Electromagnetic and gravitational responses of photonic Landau levels. <i>Nature</i> , 2019, 565, 173-179.	27.8	36
7	Coherent Transport and Energy Flow Patterns in Photosynthesis under Incoherent Excitation. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2693-2702.	2.6	22
8	Spectral transitions and universal steady states in random Kraus maps and circuits. <i>Physical Review B</i> , 2020, 102, .	3.2	20
9	Particle-Hole Duality in the Lowest Landau Level. <i>Physical Review Letters</i> , 2017, 118, 206602.	7.8	18
10	Hydrodynamics of two-dimensional compressible fluid with broken parity: Variational principle and free surface dynamics in the absence of dissipation. <i>Physical Review Fluids</i> , 2020, 5, .	2.5	13
11	Current eigenmodes and dephasing in nanoscopic quantum networks. <i>Physical Review B</i> , 2012, 85, .	3.2	11
12	Exact and Asymptotic Features of the Edge Density Profile for the One Component Plasma in Two Dimensions. <i>Journal of Statistical Physics</i> , 2015, 158, 1147-1180.	1.2	10
13	Theory of Gating in Recurrent Neural Networks. <i>Physical Review X</i> , 2022, 12, .	8.9	10
14	Atomic Resolution Imaging of Currents in Nanoscopic Quantum Networks via Scanning Tunneling Microscopy. <i>Physical Review Letters</i> , 2013, 110, 086802.	7.8	8
15	Spatial current patterns, dephasing and current imaging in graphene nanoribbons. <i>New Journal of Physics</i> , 2014, 16, 013054.	2.9	8
16	Quantum Hall states and conformal field theory on a singular surface. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 494003.	2.1	5
17	Central charge from adiabatic transport of cusp singularities in the quantum Hall effect. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 174004.	2.1	4