

Rami Pugatch

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

760
citations

840776

11
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Stability of Stored Optical Vortices. <i>Physical Review Letters</i> , 2007, 98, 203601.	7.8	171
2	Storing Images in Warm Atomic Vapor. <i>Physical Review Letters</i> , 2008, 100, 223601.	7.8	143
3	Fundamental principles in bacterial physiologyâ€™history, recent progress, and the future with focus on cell size control: a review. <i>Reports on Progress in Physics</i> , 2018, 81, 056601.	20.1	136
4	Quantum walk of two interacting bosons. <i>Physical Review A</i> , 2012, 86, .	2.5	84
5	Geometric Heat Engines Featuring Power that Grows with Efficiency. <i>Physical Review Letters</i> , 2016, 116, 160601.	7.8	32
6	Measuring maximal eigenvalue distribution of Wishart random matrices with coupled lasers. <i>Physical Review E</i> , 2012, 85, 020101.	2.1	29
7	Perfect imaging through a disordered waveguide lattice. <i>Optics Letters</i> , 2012, 37, 809.	3.3	27
8	Greedy scheduling of cellular self-replication leads to optimal doubling times with a log-Frechet distribution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2611-2616.	7.1	24
9	Self-Similar Modes of Coherent Diffusion. <i>Physical Review Letters</i> , 2010, 105, 183602.	7.8	23
10	A unifying autocatalytic network-based framework for bacterial growth laws. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
11	Berezinskii-Kosterlitz-Thouless crossover in a photonic lattice. <i>Physical Review A</i> , 2011, 83, .	2.5	16
12	Phase-locking-level statistics of coupled random fiber lasers. <i>Physical Review E</i> , 2012, 86, 041142.	2.1	12
13	Spectrum of Two-Level Systems with Discrete Frequency Fluctuations. <i>Physical Review Letters</i> , 2010, 104, 253003.	7.8	11
14	Lorentzian-geometry-based analysis of airplane boarding policies highlights â€œslow passengers firstâ€•as better. <i>Physical Review E</i> , 2019, 100, 062313.	2.1	9
15	Motional broadening in ensembles with heavy-tail frequency distribution. <i>Physical Review A</i> , 2011, 83, .	2.5	6
16	Comparison between a quantum annealer and a classical approximation algorithm for computing the ground state of an Ising spin glass. <i>Physical Review E</i> , 2022, 105, 035305.	2.1	6
17	Universal Spectra of Coherent Atoms in a Recurrent Random Walk. <i>Physical Review Letters</i> , 2009, 102, 150602.	7.8	5
18	Anomalous symmetry breaking in classical two-dimensional diffusion of coherent atoms. <i>Physical Review A</i> , 2014, 89, .	2.5	4

#	ARTICLE	IF	CITATIONS
19	Universal distribution of batch completion times and time-cost tradeoff in a production line with arbitrary buffer size. <i>European Journal of Operational Research</i> , 2021, 293, 980-989.	5.7	2
20	Anomalous Diffusion and Fractional Self-Similarity of Ultra Cold Atoms in One Dimension. , 2012, , .		1
21	Coherent Storage of 3D Light Fields in Atomic Vapor. <i>Optics and Photonics News</i> , 2008, 19, 39.	0.5	0
22	Logarithmically Diverging Two-photon Spectrum: Anomalous Scale Symmetry Breaking in Two Dimensions. , 2012, , .		0
23	Self-Imaging through a Disordered Waveguide Lattice. , 2012, , .		0