

Alexander Pikovski

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

375
citations

1478505

6
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Many-Body Quantum Spin Dynamics with Monte-Carlo Trajectories on a Discrete Phase Space. Physical Review X, 2015, 5, .	8.9	115
2	Interlayer Superfluidity in Bilayer Systems of Fermionic Polar Molecules. Physical Review Letters, 2010, 105, 215302.	7.8	98
3	Two-dimensional scattering and bound states of polar molecules in bilayers. Physical Review A, 2010, 82, .	2.5	66
4	Dynamics of correlations in two-dimensional quantum spin models with long-range interactions: a phase-space Monte-Carlo study. New Journal of Physics, 2015, 17, 065009.	2.9	52
5	Pooling of coronavirus tests under unknown prevalence. Epidemiology and Infection, 2020, 148, e183.	2.1	22
6	Nonlocal state swapping of polar molecules in bilayers. Physical Review A, 2011, 84, .	2.5	11
7	Cold gases with anisotropic interactions. Physical Review A, 2014, 89, .	2.5	3
8	Cooper pair polaritons in cold fermionic atoms within a cavity. Physical Review Research, 2020, 2, .	3.6	3
9	Averaged collision and reaction rates in a two-species gas of ultracold fermions. Physical Review A, 2013, 87, .	2.5	1
10	Note on a differentiation formula, with application to the two-dimensional Schrödinger equation. PLoS ONE, 2017, 12, e0171444.	2.5	1
11	Simulating Many-Body Dynamics in Systems of Cold Atoms, Molecules, and Ions. , 2014, , .		0
12	Comparing energy levels in isotropic and anisotropic potentials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2808-2810.	2.1	0