

# Alexander Pikovski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8833469/publications.pdf>

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