

guillaume Salomon

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,189
citations

623188

14
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing the symmetry-protected Haldane phase in Fermi-Hubbard ladders. <i>Nature</i> , 2022, 606, 484-488.	13.7	42
2	Microscopic evolution of doped Mott insulators from polaronic metal to Fermi liquid. <i>Science</i> , 2021, 374, 82-86.	6.0	48
3	Time-resolved observation of spin-charge deconfinement in fermionic Hubbard chains. <i>Science</i> , 2020, 367, 186-189.	6.0	81
4	Robust Bilayer Charge Pumping for Spin- and Density-Resolved Quantum Gas Microscopy. <i>Physical Review Letters</i> , 2020, 125, 010403.	2.9	44
5	Imaging magnetic polarons in the doped Fermi-Hubbard model. <i>Nature</i> , 2019, 572, 358-362.	13.7	106
6	Direct observation of incommensurate magnetism in Hubbard chains. <i>Nature</i> , 2019, 565, 56-60.	13.7	55
7	Nonlinear scattering of atomic bright solitons in disorder. <i>Europhysics Letters</i> , 2017, 117, 10007.	0.7	14
8	Revealing hidden antiferromagnetic correlations in doped Hubbard chains via string correlators. <i>Science</i> , 2017, 357, 484-487.	6.0	144
9	Production of strongly bound K bright solitons. <i>Physical Review A</i> , 2016, 94, .	1.0	46
10	Spin- and density-resolved microscopy of antiferromagnetic correlations in Fermi-Hubbard chains. <i>Science</i> , 2016, 353, 1257-1260.	6.0	291
11	Microscopic Observation of Pauli Blocking in Degenerate Fermionic Lattice Gases. <i>Physical Review Letters</i> , 2015, 115, 263001.	2.9	161
12	All-optical cooling of K to Bose-Einstein condensation. <i>Physical Review A</i> , 2014, 90, .	1.0	27
13	Gray-molasses cooling of K to a high phase-space density. <i>Europhysics Letters</i> , 2013, 104, 63002.	0.7	62
14	Effect of disorder close to the superfluid transition in a two-dimensional Bose gas. <i>Physical Review A</i> , 2012, 85, .	1.0	35
15	Coherence properties of a two-dimensional trapped Bose gas around the superfluid transition. <i>Physical Review A</i> , 2011, 84, .	1.0	32