

Logan W Clark

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

788
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal space-time scaling symmetry in the dynamics of bosons across a quantum phase transition. Science, 2016, 354, 606-610.	12.6	116
2	Quantum Dynamics with Spatiotemporal Control of Interactions in a Stable Bose-Einstein Condensate. Physical Review Letters, 2015, 115, 155301.	7.8	103
3	Roton-Maxon Excitation Spectrum of Bose Condensates in a Shaken Optical Lattice. Physical Review Letters, 2015, 114, 055301.	7.8	94
4	Probing gravity by holding atoms for 20 seconds. Science, 2019, 366, 745-749.	12.6	88
5	Observation of Density-Dependent Gauge Fields in a Bose-Einstein Condensate Based on Micromotion Control in a Shaken Two-Dimensional Lattice. Physical Review Letters, 2018, 121, 030402.	7.8	87
6	Observation of Laughlin states made of light. Nature, 2020, 582, 41-45.	27.8	79
7	Collective emission of matter-wave jets from driven Bose-Einstein condensates. Nature, 2017, 551, 356-359.	27.8	69
8	A strongly interacting polaritonic quantum dot. Nature Physics, 2018, 14, 550-554.	16.7	56
9	Interacting Floquet polaritons. Nature, 2019, 571, 532-536.	27.8	38
10	Coherent inflationary dynamics for Bose-Einstein condensates crossing a quantum critical point. Nature Physics, 2018, 14, 269-272.	16.7	26
11	Correlations in high-harmonic generation of matter-wave jets revealed by pattern recognition. Science, 2019, 363, 521-524.	12.6	25
12	Jet Substructure in Fireworks Emission from Nonuniform and Rotating Bose-Einstein Condensates. Physical Review Letters, 2020, 125, 183003.	7.8	6
13	Sensing gravity by holding atoms for 20 seconds. , 2020, , .		1