

Shuta Nakajima

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,472
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Thouless pumping of ultracold fermions. Nature Physics, 2016, 12, 296-300.	16.7	432
2	Coherent driving and freezing of bosonic matter wave in an optical Lieb lattice. Science Advances, 2015, 1, e1500854.	10.3	256
3	Measurement of Universal Thermodynamic Functions for a Unitary Fermi Gas. Science, 2010, 327, 442-445.	12.6	172
4	Observation of the Mott insulator to superfluid crossover of a driven-dissipative Bose-Hubbard system. Science Advances, 2017, 3, e1701513.	10.3	145
5	Measurement of an Efimov Trimer Binding Energy in a Three-Component Mixture of ${}^6\text{Li}$. Physical Review Letters, 2011, 106, 143201.	7.8	101
6	Nonuniversal Efimov Atom-Dimer Resonances in a Three-Component Mixture of ${}^6\text{Li}$. Physical Review Letters, 2010, 105, 023201.	7.8	93
7	Collisional Properties of p -Wave Feshbach Molecules. Physical Review Letters, 2008, 101, 100401.	7.8	91
8	Dissipative Bose-Hubbard system with intrinsic two-body loss. Physical Review A, 2019, 99, .	2.5	45
9	Critical Temperature and Condensate Fraction of a Fermion Pair Condensate. Physical Review Letters, 2008, 101, 180406.	7.8	41
10	Competition and interplay between topology and quasi-periodic disorder in Thouless pumping of ultracold atoms. Nature Physics, 2021, 17, 844-849.	16.7	34
11	Scanning Gate Microscope for Cold Atomic Gases. Physical Review Letters, 2017, 119, 030403.	7.8	29
12	A Three-Dimensional Optical Lattice of Ytterbium and Lithium Atomic Gas Mixture. Journal of the Physical Society of Japan, 2014, 83, 014003.	1.6	26
13	Current-feedback-stabilized laser system for quantum simulation experiments using Yb clock transition at 578 nm. Review of Scientific Instruments, 2019, 90, 083002.	1.3	7