

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