

Shimpei Endo

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

726
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	On deformability of atoms—comparative study between atoms and atomic nuclei. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 165201.	1.5	3
2	Equivalence of Dissipative and Dissipationless Dynamics of Interacting Quantum Systems With Its Application to the Unitary Fermi Gas. Frontiers in Physics, 2021, 9, .	2.1	0
3	Eigenvalues of Two-State Quantum Walks Induced by the Hadamard Walk. Entropy, 2020, 22, 127.	2.2	5
4	Virial expansion coefficients in the unitary Fermi gas. SciPost Physics Proceedings, 2020, , .	0.4	2
5	Universality of an Impurity in a Bose-Einstein Condensate. Physical Review X, 2018, 8, .	8.9	62
6	Universality of the unitary Fermi gas: a few-body perspective. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 072001.	1.5	23
7	Efimov physics: a review. Reports on Progress in Physics, 2017, 80, 056001.	20.1	310
8	The interaction-sensitive states of a trapped two-component ideal Fermi gas and application to the virial expansion of the unitary Fermi gas. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 265301.	2.1	9
9	Unitary boson-boson and boson-fermion mixtures: third virial coefficient and three-body parameter on a narrow Feshbach resonance. European Physical Journal D, 2016, 70, 1.	1.3	4
10	Universal clusters as building blocks of stable quantum matter. Physical Review A, 2016, 93, .	2.5	16
11	Scattering of universal fermionic clusters in the resonating group method. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 034002.	1.5	10
12	Weak Limit Theorem of a Two-phase Quantum Walk with One Defect. Interdisciplinary Information Sciences, 2016, 22, 17-29.	0.4	10
13	Absence of a four-body Efimov effect in the $2+2$ problem. Physical Review A, 2015, 92, .		
14	The third virial coefficient of a two-component unitary Fermi gas across an Efimov-effect threshold. Europhysics Letters, 2015, 109, 16003.	2.0	16
15	Physical origin of the universal three-body parameter in atomic Efimov physics. Physical Review A, 2014, 90, .	2.5	65
16	Microscopic Origin and Universality Classes of the Efimov Three-Body Parameter. Physical Review Letters, 2014, 112, 105301.	7.8	78
17	Scattering and Bound States of two Polaritons in an Array of Coupled Cavities. Few-Body Systems, 2013, 54, 1921-1930.	1.5	12
18	Crossover trimers connecting continuous and discrete scaling regimes. Physical Review A, 2012, 86, .	2.5	24

#	ARTICLE	IF	CITATIONS
19	Universal Physics of 2+1 Particles with Non-Zero Angular Momentum. <i>Few-Body Systems</i> , 2011, 51, 207-217.	1.5	27
20	Tight-binding photonic bands in metallophotonic waveguide networks and flat bands in kagome lattices. <i>Physical Review B</i> , 2010, 81, .	3.2	29