Shimpei Endo

List of Publications by Year
in descending order

		759233	794594
20	726	12	19
papers	citations	h-index	g-index
20	20	20	628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efimov physics: a review. Reports on Progress in Physics, 2017, 80, 056001.	20.1	310
2	Microscopic Origin and Universality Classes of the Efimov Three-Body Parameter. Physical Review Letters, 2014, 112, 105301.	7.8	78
3	Physical origin of the universal three-body parameter in atomic Efimov physics. Physical Review A, 2014, 90, .	2.5	65
4	Universality of an Impurity in a Bose-Einstein Condensate. Physical Review X, 2018, 8, .	8.9	62
5	Tight-binding photonic bands in metallophotonic waveguide networks and flat bands in kagome lattices. Physical Review B, 2010, 81, .	3.2	29
6	Universal Physics of 2+1 Particles with Non-Zero Angular Momentum. Few-Body Systems, 2011, 51, 207-217.	1.5	27
7	Crossover trimers connecting continuous and discrete scaling regimes. Physical Review A, 2012, 86, .	2.5	24
8	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
9	Absence of a four-body Efimov effect in the $2+2$ problem. Physical Review A, 2015, 92, .	2.5	21
10	The third virial coefficient of a two-component unitary Fermi gas across an Efimov-effect threshold. Europhysics Letters, 2015, 109, 16003.	2.0	16
11	Universal clusters as building blocks of stable quantum matter. Physical Review A, 2016, 93, .	2.5	16
12	Scattering and Bound States of two Polaritons in an Array of Coupled Cavities. Few-Body Systems, 2013, 54, 1921-1930.	1.5	12
13	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
14	Weak Limit Theorem of a Two-phase Quantum Walk with One Defect. Interdisciplinary Information Sciences, 2016, 22, 17-29.	0.4	10
15	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
16	Eigenvalues of Two-State Quantum Walks Induced by the Hadamard Walk. Entropy, 2020, 22, 127.	2.2	5
17	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
18	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

#	Article	IF	Citations
19	Virial expansion coefficients in the unitary Fermi gas. SciPost Physics Proceedings, 2020, , .	0.4	2
20	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