

Kazuya Fujimoto

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

430
citations

759233

12
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic soliton: From two to three components with $SO(3)$ symmetry. Physical Review Research, 2021, 3, .	3.6	20
2	Dynamical Scaling of Surface Roughness and Entanglement Entropy in Disordered Fermion Models. Physical Review Letters, 2021, 127, 090601.	7.8	4
3	Spin-wave growth via Shapiro resonances in a spinor Bose-Einstein condensate. Physical Review Research, 2021, 3, .	3.6	2
4	Magnetic Solitons in a Spin-1 Bose-Einstein Condensate. Physical Review Letters, 2020, 125, 030402.	7.8	49
5	Family-Vicsek Scaling of Roughness Growth in a Strongly Interacting Bose Gas. Physical Review Letters, 2020, 124, 210604.	7.8	15
6	Scale-invariant relaxation dynamics in two-component Bose-Einstein condensates with large particle-number imbalance. Physical Review A, 2020, 101, .	2.5	1
7	Universal Relaxation in Quantum Systems. Advances in Dynamics, Patterns, Cognition, 2020, , 111-130.	0.3	0
8	Synthetic dissipation and cascade fluxes in a turbulent quantum gas. Science, 2019, 366, 382-385.	12.6	47
9	Flemish Strings of Magnetic Solitons and a Nonthermal Fixed Point in a One-Dimensional Antiferromagnetic Spin-1 Bose Gas. Physical Review Letters, 2019, 122, 173001.	7.8	20
10	Floquet spinor Bose gases. Physical Review Research, 2019, 1, .	3.6	6
11	Unconventional Universality Class of One-Dimensional Isolated Coarsening Dynamics in a Spinor Bose Gas. Physical Review Letters, 2018, 120, 073002.	7.8	16
12	Numerical Studies of Quantum Turbulence. Journal of Low Temperature Physics, 2017, 188, 119-189.	1.4	64
13	Direct and inverse cascades of spin-wave turbulence in spin-1 ferromagnetic spinor Bose-Einstein condensates. Physical Review A, 2016, 93, .	2.5	10
14	Logarithmic velocity profile of quantum turbulence of superfluid ^4He . Physical Review B, 2015, 92, .	3.2	6
15	Bogoliubov-wave turbulence in Bose-Einstein condensates. Physical Review A, 2015, 91, .	2.5	24
16	Calculation of Spin Glass Order Parameter in Spin Turbulence of Spin-1 Spinor Bose-Einstein Condensate. Journal of Low Temperature Physics, 2014, 175, 216-221.	1.4	1
17	Spin-superflow turbulence in spin-1 ferromagnetic spinor Bose-Einstein condensates. Physical Review A, 2014, 90, .	2.5	6
18	Spin turbulence in spinor Bose-Einstein condensates. Journal of Physics: Conference Series, 2014, 497, 012002.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Spin Turbulence and the $\omega^{7/3}$ Power Law in a Trapped Spin-1 Spinor Bose-Einstein Condensate. Journal of Low Temperature Physics, 2013, 171, 422-428.	1.4	0
20	Spin turbulence with small spin magnitude in spin-1 spinor Bose-Einstein condensates. Physical Review A, 2013, 88, .	2.5	12
21	Spin-glass-like behavior in the spin turbulence of spinor Bose-Einstein condensates. Physical Review A, 2013, 88, .	2.5	9
22	Counterflow instability and turbulence in a spin-1 spinor Bose-Einstein condensate. Physical Review A, 2012, 85, .	2.5	39
23	Spin turbulence in a trapped spin-1 spinor Bose-Einstein condensate. Physical Review A, 2012, 85, .	2.5	23
24	Nonlinear dynamics in a trapped atomic Bose-Einstein condensate induced by an oscillating Gaussian potential. Physical Review A, 2011, 83, .	2.5	36
25	Synergy dynamics of vortices and solitons in an atomic Bose-Einstein condensate excited by an oscillating potential. Physical Review A, 2010, 82, .	2.5	17