

Boyang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

216
citations

1163117

8
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Standard model Higgs boson-inflaton and dark matter. Physical Review D, 2009, 80, .	4.7	76
2	Strong Interaction Effects and Criticality of Bosons in Shaken Optical Lattices. Physical Review Letters, 2014, 113, 155303.	7.8	29
3	Anomalous conductance of a strongly interacting Fermi gas through a quantum point contact. Physical Review A, 2017, 95, .	2.5	19
4	Evolution of the Higgs mode in a fermion superfluid with tunable interactions. Physical Review A, 2016, 93, .	2.5	16
5	Controlled transport between Fermi superfluids through a quantum point contact. Physical Review A, 2018, 98, .	2.5	13
6	Quantum phase transition of bosons in a shaken optical lattice. Physical Review A, 2015, 91, .	2.5	9
7	Fluctuation effects on the transport properties of unitary Fermi gases. Physical Review A, 2014, 90, .	2.5	8
8	Observability of Higgs mode in a system without Lorentz invariance. Physical Review A, 2016, 94, .	2.5	8
9	Enhancement of the thermal-transport figure of merit and breakdown of the Wiedemann-Franz law in unitary Fermi gases. Physical Review A, 2019, 100, .	2.5	8
10	GAUGE INVARIANCE OF THE MUONIUMâ€™ANTIMUONIUM OSCILLATION TIME SCALE AND LIMITS ON RIGHT-HANDED NEUTRINO MASSES. Modern Physics Letters A, 2009, 24, 335-348.	1.2	7
11	Renormalization-group analysis of p-orbital Bose-Einstein condensates in a square optical lattice. Physical Review A, 2013, 88, .	2.5	7
12	Tunable quantum switcher and router of single atoms using localized artificial magnetic fields. Physical Review Research, 2020, 2, .	3.6	5
13	Higgs decays and brane gravi-vectors. Physical Review D, 2008, 78, .	4.7	3
14	Quantum fluctuation-driven first-order phase transitions in optical lattices. Physical Review A, 2015, 92, .	2.5	3
15	Muonium-antimuonium oscillations in an extended minimal supersymmetric standard model with right-handed neutrinos. Physical Review D, 2009, 79, .	4.7	2
16	Particle and spin transports of spin-orbit-coupled Fermi gases through a quantum point contact. Physical Review A, 2022, 105, .	2.5	2
17	Quantum chaos of unitary Fermi gases in the strong pairing fluctuation region. Physical Review B, 2020, 102, .	3.2	1
18	ONE-LOOP RENORMALIZATION GROUP ANALYSIS OF BOSEâ€™FERMI MIXTURES. International Journal of Modern Physics B, 2012, 26, 1250197.	2.0	0

#	ARTICLE	IF	CITATIONS
19	Introduction to Muonium's Antimuonium Oscillation. , 2011, , 1-3.		0