

# Boyang Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2967039/publications.pdf>

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	Particle and spin transports of spin-orbit-coupled Fermi gases through a quantum point contact. Physical Review A, 2022, 105, .	2.5	2
2	Quantum chaos of unitary Fermi gases in the strong pairing fluctuation region. Physical Review B, 2020, 102, .	3.2	1
3	Tunable quantum switcher and router of single atoms using localized artificial magnetic fields. Physical Review Research, 2020, 2, .	3.6	5
4	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
5	Controlled transport between Fermi superfluids through a quantum point contact. Physical Review A, 2018, 98, .	2.5	13
6	Anomalous conductance of a strongly interacting Fermi gas through a quantum point contact. Physical Review A, 2017, 95, .	2.5	19
7	Evolution of the Higgs mode in a fermion superfluid with tunable interactions. Physical Review A, 2016, 93, .	2.5	16
8	Observability of Higgs mode in a system without Lorentz invariance. Physical Review A, 2016, 94, .	2.5	8
9	Quantum fluctuation-driven first-order phase transitions in optical lattices. Physical Review A, 2015, 92, .	2.5	3
10	Quantum phase transition of bosons in a shaken optical lattice. Physical Review A, 2015, 91, .	2.5	9
11	Fluctuation effects on the transport properties of unitary Fermi gases. Physical Review A, 2014, 90, .	2.5	8
12	Strong Interaction Effects and Criticality of Bosons in Shaken Optical Lattices. Physical Review Letters, 2014, 113, 155303.	7.8	29
13	Renormalization-group analysis of p-orbital Bose-Einstein condensates in a square optical lattice. Physical Review A, 2013, 88, .	2.5	7
14	ONE-LOOP RENORMALIZATION GROUP ANALYSIS OF BOSE-FERMI MIXTURES. International Journal of Modern Physics B, 2012, 26, 1250197.	2.0	0
15	Introduction to Muonium-Antimuonium Oscillation. , 2011, , 1-3.		0
16	GAUGE INVARIANCE OF THE MUONIUM-ANTIMUONIUM OSCILLATION TIME SCALE AND LIMITS ON RIGHT-HANDED NEUTRINO MASSES. Modern Physics Letters A, 2009, 24, 335-348.	1.2	7
17	Muonium-antimuonium oscillations in an extended minimal supersymmetric standard model with right-handed neutrinos. Physical Review D, 2009, 79, .	4.7	2
18	Standard model Higgs boson-inflaton and dark matter. Physical Review D, 2009, 80, .	4.7	76

#	ARTICLE	IF	CITATIONS
19	Higgs decays and brane gravi-vectors. Physical Review D, 2008, 78, .	4.7	3