

Qiang Gu

List of Publications by Year in descending order

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papers

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citations

1307594

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32
all docs

32
docs citations

32
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Kondo effect in a spin-3/2 Fermi gas. <i>Physica B: Condensed Matter</i> , 2022, 636, 413848.	2.7	0
2	Investigation of W/Mo co-doping with multiple concentrations in photocatalyst BiVO ₄ by first-principles calculations. <i>Solid State Communications</i> , 2022, 351, 114794.	1.9	2
3	<i>Ab Initio</i> Calculation of Surface-Controlled Photocatalysis in Multiple-Phase BiVO ₄ . <i>Journal of Physical Chemistry C</i> , 2022, 126, 9541-9550.	3.1	6
4	The Zeeman, spin-orbit, and quantum spin Hall interactions in anisotropic and low-dimensional conductors. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 085802.	1.8	3
5	Ground state properties of a spin-3/2 Fermi gas. <i>Annals of Physics</i> , 2021, 434, 168654.	2.8	1
6	Vortices in Bose-Einstein Condensates with Random Depth Optical Lattice. <i>Journal of Low Temperature Physics</i> , 2020, 199, 1314-1323.	1.4	4
7	Formation of localized magnetic states in a large-spin Fermi system. <i>Physical Review B</i> , 2019, 99, .	3.2	4
8	Realizing the Haldane Phase with Bosons in Optical Lattices. <i>Physical Review Letters</i> , 2018, 120, 085301.	7.8	18
9	Cooper Pairing in A Doped 2D Antiferromagnet with Spin-Orbit Coupling. <i>Scientific Reports</i> , 2018, 8, 892.	3.3	3
10	Nontrivial superconductivity in two-dimensional superconductors with both magnetic field and spin-orbit coupling. <i>Solid State Communications</i> , 2018, 279, 1-5.	1.9	5
11	Spin dynamics of large-spin fermions in a harmonic trap. <i>Annals of Physics</i> , 2017, 379, 175-186.	2.8	4
12	The Zeeman-split superconductivity with Rashba and Dresselhaus spin-orbit coupling. <i>International Journal of Modern Physics B</i> , 2017, 31, 1745011.	2.0	1
13	Ferromagnetic transition in harmonically trapped Fermi gas with higher partial-wave interactions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 015302.	1.5	3
14	Vortices in dipolar Bose-Einstein condensates in synthetic magnetic field. <i>Chinese Physics B</i> , 2016, 25, 016702.	1.4	7
15	Spontaneous separation of large-spin Fermi gas in the harmonic trap: a density functional study. <i>Scientific Reports</i> , 2016, 6, 31776.	3.3	4
16	The particle flow oscillations of rotating non-interacting gases in a two-dimensional harmonic trap. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 353-358.	2.1	3
17	Trapped Bose-Einstein condensates in synthetic magnetic field. <i>Frontiers of Physics</i> , 2015, 10, 1.	5.0	8
18	Collisionless spin dynamics in a magnetic field gradient. <i>Physical Review A</i> , 2015, 91, .	2.5	6

#	ARTICLE	IF	CITATIONS
19	Route to observing topological edge modes in ultracold fermions. <i>Physical Review A</i> , 2014, 89, .	2.5	0
20	Superconductivity in a two-dimensional superconductor with Rashba and Dresselhaus spin-orbit couplings. <i>Solid State Communications</i> , 2014, 187, 68-71.	1.9	13
21	Thermodynamic properties of rotating trapped ideal Bose gases. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 1233-1238.	2.1	15
22	Dynamics of Bose-Einstein condensates in a one-dimensional optical lattice with double-well potential. <i>Frontiers of Physics</i> , 2013, 8, 375-380.	5.0	7
23	Effects of the Rashba-like spin-orbit coupling in ferromagnetic superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 493, 125-127.	1.2	4
24	Anomalous angular dependence of the upper critical induction of orthorhombic ferromagnetic superconductors with completely broken p -wave symmetry. <i>Physical Review B</i> , 2013, 88, .	3.2	7
25	Radio-frequency spectrum of fermions near a narrow Feshbach resonance. <i>Physical Review A</i> , 2013, 88, .	2.5	2
26	Berezinskii-Kosterlitz-Thouless transition of two-dimensional Bose gases in a synthetic magnetic field. <i>Physical Review A</i> , 2012, 85, .	2.5	3
27	Dynamics of two-component Bose-Einstein condensates coupled with the environment. <i>Physical Review A</i> , 2011, 83, .	2.5	7
28	Thermodynamics of Charged Ideal Bose Gases in a Trap under a Magnetic Field. <i>Chinese Physics Letters</i> , 2011, 28, 060306.	3.3	11
29	Enhancement of ferromagnetism by p -wave Cooper pairing in superconducting ferromagnets. <i>Physical Review B</i> , 2009, 80, .	3.2	9
30	Coherent Dynamics of Domain Formation in the Bose Ferromagnet. <i>Physical Review Letters</i> , 2007, 98, 200401.	7.8	23
31	Angular dependence of the upper critical induction of clean s and $d_{x^2-y^2}$ -wave superconductors with self-consistent ellipsoidal effective mass and Zeeman anisotropies. <i>Journal of Physics Condensed Matter</i> , 0, , .	1.8	1