

# Hui Hu

## List of Publications by Year in descending order

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183  
papers

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citations

57758

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183  
all docs

183  
docs citations

183  
times ranked

2238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Second sound attenuation near quantum criticality. Science, 2022, 375, 528-533.	12.6	15
2	Crossover polarons in a strongly interacting Fermi superfluid. Physical Review A, 2022, 105, .	2.5	15
3	Fermi polarons at finite temperature: Spectral function and rf spectroscopy. Physical Review A, 2022, 105, .	2.5	11
4	Heavy polarons in ultracold atomic Fermi superfluids at the BEC-BCS crossover: Formalism and applications. Physical Review A, 2022, 105, .	2.5	15
5	Exact Quasiparticle Properties of a Heavy Polaron in BCS Fermi Superfluids. Physical Review Letters, 2022, 128, 175301.	7.8	14
6	Anderson localization transition in a robust PT -symmetric phase of a generalized Aubry-Andr� model. Physical Review A, 2021, 103, .	2.5	22
7	Dynamic structure factors of a strongly interacting Fermi superfluid near an orbital Feshbach resonance across the phase transition from BCS to Sarma superfluid. Physical Review A, 2021, 103, .	2.5	5
8	Ultradilute self-bound quantum droplets in Bose��Bose mixtures at finite temperature*. Chinese Physics B, 2021, 30, 010306.	1.4	8
9	First-order Bose-Einstein condensation with three-body interacting bosons. Physical Review A, 2021, 104, .	2.5	4
10	Photoexcitation measurement of Tan's contact for a strongly interacting Fermi gas. Physical Review A, 2021, 104, .	2.5	0
11	Quantum fluctuations in a strongly interacting Bardeen-Cooper-Schrieffer polariton condensate at thermal equilibrium. Physical Review A, 2020, 101, .	2.5	15
12	Pseudogap regime of a strongly interacting two-dimensional Fermi gas with and without confinement-induced effective range of interactions. Physical Review A, 2020, 102, .	2.5	7
13	Consistent Theory of Self-Bound Quantum Droplets with Bosonic Pairing. Physical Review Letters, 2020, 125, 195302.	7.8	39
14	Microscopic pairing theory of a binary Bose mixture with interspecies attractions: Bosonic BEC-BCS crossover and ultradilute low-dimensional quantum droplets. Physical Review A, 2020, 102, .	2.5	30
15	Collective excitations of a spherical ultradilute quantum droplet. Physical Review A, 2020, 102, .	2.5	27
16	Microscopic derivation of the extended Gross-Pitaevskii equation for quantum droplets in binary Bose mixtures. Physical Review A, 2020, 102, .	2.5	16
17	Theory of strongly paired fermions with arbitrary short-range interactions. Physical Review A, 2020, 101, .	2.5	6
18	Few-Body Perspective of a Quantum Anomaly in Two-Dimensional Fermi Gases. Physical Review Letters, 2020, 124, 013401.	7.8	9

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19	Role of the confinement-induced effective range in the thermodynamics of a strongly correlated Fermi gas in two dimensions. Physical Review A, 2020, 101, .	2.5	4
20	Effective theory for ultracold strongly interacting fermionic atoms in two dimensions. Physical Review A, 2020, 101, .	2.5	7
21	Thermal destabilization of self-bound ultradilute quantum droplets. New Journal of Physics, 2020, 22, 103044.	2.9	15
22	Angular stripe phase in spin-orbital-angular-momentum coupled Bose condensates. Physical Review Research, 2020, 2, .	3.6	13
23	Polariton-polariton interaction beyond the Born approximation: A toy model study. Physical Review A, 2020, 102, .	2.5	4
24	Resonantly interacting $p$ -wave Fermi superfluid in two dimensions: Tan's contact and the breathing mode. Physical Review A, 2019, 100, .	2.5	5
25	Cluster Formation in Two-Component Fermi Gases. Physical Review Letters, 2019, 123, 073401.	7.8	5
26	Spin-exchange-induced exotic superfluids in a Bose-Fermi spinor mixture. Physical Review A, 2019, 100, .	2.5	11
27	Contact and Sum Rules in a Near-Uniform Fermi Gas at Unitarity. Physical Review Letters, 2019, 122, 203401.	7.8	44
28	Breakdown of the Fermi polaron description near Fermi degeneracy at unitarity. Annals of Physics, 2019, 407, 29-45.	2.8	22
29	Leggett mode in a two-component Fermi gas with dipolar interactions. Physical Review A, 2019, 99, .	2.5	2
30	Reduced Quantum Anomaly in a Quasi-Two-Dimensional Fermi Superfluid: Significance of the Confinement-Induced Effective Range of Interactions. Physical Review Letters, 2019, 122, 070401.	7.8	28
31	Roton-Induced Bose Polaron in the Presence of Synthetic Spin-Orbit Coupling. Physical Review Letters, 2019, 123, 213401.	7.8	11
32	Pseudopotentials for two-dimensional ultracold scattering in the presence of synthetic spin-orbit coupling. Physical Review A, 2019, 100, .	2.5	0
33	Many-body localization in XY spin chains with long-range interactions: An exact-diagonalization study. Physical Review A, 2019, 100, .	2.5	14
34	Low-momentum dynamic structure factor of a strongly interacting Fermi gas at finite temperature: A two-fluid hydrodynamic description. Physical Review A, 2018, 97, .	2.5	14
35	Strongly interacting Sarma superfluid near orbital Feshbach resonances. Physical Review A, 2018, 97, .	2.5	13
36	Realizing Fulde-Ferrell Superfluids via a Dark-State Control of Feshbach Resonances. Physical Review Letters, 2018, 120, 045302.	7.8	16

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37	Quantum fluctuations of a resonantly interacting $p$ -wave Fermi superfluid in two dimensions. Physical Review A, 2018, 98, .	2.5	6
38	Polaron in a non-Abelian Aubry-Andr�-Harper model with $p$ -wave superfluidity. Physical Review A, 2018, 98, .	2.5	4
39	Collective modes of a two-dimensional Fermi gas at finite temperature. Physical Review A, 2018, 97, .	2.5	13
40	Time evolution of quantum entanglement of an EPR pair in a localized environment. New Journal of Physics, 2018, 20, 053015.	2.9	4
41	Breathing-mode frequency of a strongly interacting Fermi gas across the two- to three-dimensional crossover. Physical Review A, 2018, 97, .	2.5	9
42	Low-momentum dynamic structure factor of a strongly interacting Fermi gas at finite temperature: The Goldstone phonon and its Landau damping. Physical Review A, 2018, 98, .	2.5	14
43	Quantum depletion and superfluid density of a supersolid in Raman spin-orbit-coupled Bose gases. Physical Review A, 2018, 98, .	2.5	23
44	Attractive Fermi polarons at nonzero temperatures with a finite impurity concentration. Physical Review A, 2018, 98, .	2.5	41
45	Exotic topological states with Raman-induced spin-orbit coupling. Physical Review A, 2017, 95, .	2.5	4
46	Larkin-Ovchinnikov superfluidity in a two-dimensional imbalanced atomic Fermi gas. Physical Review A, 2017, 95, .	2.5	12
47	Dimensional crossover in a strongly interacting ultracold atomic Fermi gas. Physical Review A, 2017, 96, .	2.5	9
48	Quantum and thermal fluctuations in a Raman spin-orbit-coupled Bose gas. Physical Review A, 2017, 96, .	2.5	10
49	Superfluid density and critical velocity near the Berezinskii-Kosterlitz-Thouless transition in a two-dimensional strongly interacting Fermi gas. Physical Review A, 2017, 96, .	2.5	26
50	Large-momentum distribution of a polarized Fermi gas and $p$ -wave contacts. Physical Review A, 2016, 94, .	2.5	28
51	Many-body localization in Ising models with random long-range interactions. Physical Review A, 2016, 94, .	2.5	19
52	Probing an effective-range-induced super fermionic Tonks-Girardeau gas with ultracold atoms in one-dimensional harmonic traps. Physical Review A, 2016, 94, .	2.5	3
53	Strongly correlated Fermi superfluid near an orbital Feshbach resonance: Stability, equation of state, and Leggett mode. Physical Review A, 2016, 94, .	2.5	33
54	Traveling Majorana Solitons in a Low-Dimensional Spin-Orbit-Coupled Fermi Superfluid. Physical Review Letters, 2016, 117, 225302.	7.8	12

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55	Criteria for two-dimensional kinematics in an interacting Fermi gas. Physical Review A, 2016, 93, .	2.5	27
56	Anderson localization of Cooper pairs and Majorana fermions in an ultracold atomic Fermi gas with synthetic spin-orbit coupling. Physical Review A, 2016, 93, .	2.5	11
57	Fermi polaron in a one-dimensional quasiperiodic optical lattice: The simplest many-body localization challenge. Physical Review A, 2016, 93, .	2.5	13
58	Stoner ferromagnetism of a strongly interacting Fermi gas in the quasirepulsive regime. Physical Review A, 2016, 93, .	2.5	20
59	Phase diagram of a non-Abelian Aubry-Andr�-Harper model with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mi>p</mml:mi>\langle \text{mml:math>-wave superfluidity. Physical Review B, 2016, 93, .$	3.2	67
60	Beyond Gaussian pair fluctuation theory for strongly interacting Fermi gases. Physical Review A, 2016, 94, .	2.5	5
61	Dynamic structure factor of a strongly correlated Fermi superfluid within a density functional theory approach. New Journal of Physics, 2016, 18, 113044.	2.9	7
62	Thermodynamics of an Attractive 2D Fermi Gas. Physical Review Letters, 2016, 116, 045302.	7.8	83
63	Collective modes of a harmonically trapped one-dimensional Bose gas: The effects of finite particle number and nonzero temperature. Physical Review A, 2015, 91, .	2.5	19
64	Comparison of strong-coupling theories for a two-dimensional Fermi gas. Physical Review A, 2015, 92, .	2.5	26
65	Quantum fluctuations in the BCS-BEC crossover of two-dimensional Fermi gases. Physical Review A, 2015, 92, .	2.5	73
66	Superfluid density and Berezinskii-Kosterlitz-Thouless transition of a spin-orbit-coupled Fulde-Ferrell superfluid. Physical Review A, 2015, 91, .	2.5	14
67	Radio-frequency spectroscopy of a linear array of Bose-Einstein condensates in a magnetic lattice. Physical Review A, 2015, 91, .	2.5	7
68	Three-dimensional spin-orbit coupled Fermi gases: Fulde-Ferrell pairing, Majorana fermions, Weyl fermions, and gapless topological superfluidity. Chinese Physics B, 2015, 24, 050502.	1.4	13
69	Two-band description of resonant superfluidity in atomic Fermi gases. Physical Review A, 2015, 91, .	2.5	13
70	Equation of state and contact of a strongly interacting Bose gas in the normal state. Physical Review A, 2015, 91, .	2.5	6
71	Collective mode evidence of high-spin bosonization in a trapped one-dimensional atomic Fermi gas with tunable spin. Annals of Physics, 2014, 350, 84-94.	2.8	3
72	Tuning a magnetic Feshbach resonance with spatially modulated laser light. Physical Review A, 2014, 90, .	2.5	8

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73	First and second sound of a unitary Fermi gas in highly oblate harmonic traps. New Journal of Physics, 2014, 16, 083023.	2.9	9
74	Collective modes of a one-dimensional trapped atomic Bose gas at finite temperatures. Physical Review A, 2014, 90, .	2.5	20
75	Spin-orbit-coupled topological Fulde-Ferrell states of fermions in a harmonic trap. Physical Review A, 2014, 90, .	2.5	11
76	First and second sound of a unitary Fermi gas in highly elongated harmonic traps. Physical Review A, 2014, 90, .	2.5	1
77	Gapless topological Fulde-Ferrell superfluidity induced by an in-plane Zeeman field. Physical Review A, 2014, 90, .	2.5	20
78	Three-component topological superfluid in one-dimensional Fermi gases with spin-orbit coupling. Physical Review A, 2014, 90, .	2.5	3
79	Gapless Topological Fulde-Ferrell Superfluidity in Spin-Orbit Coupled Fermi Gases. Physical Review Letters, 2014, 113, 115302.	7.8	43
80	First and second sound in a two-dimensional harmonically trapped Bose gas across the Berezinskiiâ€“Kosterlitzâ€“Thouless transition. Annals of Physics, 2014, 351, 531-539.	2.8	5
81	A one-dimensional liquid of fermions with tunable spin. Nature Physics, 2014, 10, 198-201.	16.7	323
82	FERMI GASES WITH SYNTHETIC SPINâ€“ORBIT COUPLING. Annual Review of Cold Atoms and Molecules, 2014, , 81-143.	2.8	60
83	Universal Impurity-Induced Bound State in Topological Superfluids. Physical Review Letters, 2013, 110, 020401.	7.8	48
84	Emergence of topological and strongly correlated ground states in trapped Rashba spin-orbit-coupled Bose gases. Physical Review A, 2013, 87, .	2.5	21
85	Inhomogeneous Fulde-Ferrell superfluidity in spin-orbit-coupled atomic Fermi gases. Physical Review A, 2013, 87, .	2.5	36
86	Fuldeâ€“Ferrell superfluidity in ultracold Fermi gases with Rashba spinâ€“orbit coupling. New Journal of Physics, 2013, 15, 093037.	2.9	14
87	Probing the critical exponent of the superfluid fraction in a strongly interacting Fermi gas. Physical Review A, 2013, 88, .	2.5	0
88	Topological Fulde-Ferrell superfluid in spin-orbit-coupled atomic Fermi gases. Physical Review A, 2013, 88, .	2.5	49
89	Finite-momentum dimer bound state in a spin-orbit-coupled Fermi gas. Physical Review A, 2013, 87, .	2.5	50
90	Ultracold Fermi Gases with Resonant Dipole-Dipole Interaction. Physical Review Letters, 2013, 110, 045301.	7.8	15

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91	BCS-BEC crossover at finite temperature in spin-orbit-coupled Fermi gases. Physical Review A, 2013, 87, .	2.5	18
92	Optical control of a magnetic Feshbach resonance in an ultracold Fermi gas. Physical Review A, 2013, 88, .	2.5	28
93	Radio-frequency spectroscopy of a strongly interacting spin-orbit-coupled Fermi gas. Physical Review A, 2013, 87, .	2.5	50
94	Precise Determination of the Structure Factor and Contact in a Unitary Fermi Gas. Physical Review Letters, 2013, 110, 055305.	7.8	96
95	Spin-Orbit Coupled Weakly Interacting Bose-Einstein Condensates in Harmonic Traps. Physical Review Letters, 2012, 108, 010402.	7.8	273
96	Momentum-resolved radio-frequency spectroscopy of a spin-orbit-coupled atomic Fermi gas near a Feshbach resonance in harmonic traps. Physical Review A, 2012, 86, .	2.5	15
97	Radio-frequency spectroscopy of weakly bound molecules in spin-orbit-coupled atomic Fermi gases. Physical Review A, 2012, 86, .	2.5	16
98	Topological superfluid in one-dimensional spin-orbit-coupled atomic Fermi gases. Physical Review A, 2012, 85, .	2.5	76
99	Half-quantum vortex state in a spin-orbit-coupled Bose-Einstein condensate. Physical Review A, 2012, 85, .	2.5	143
100	Probing Majorana fermions in spin-orbit-coupled atomic Fermi gases. Physical Review A, 2012, 85, .	2.5	78
101	Critical temperature of a Rashba spin-orbit-coupled Bose gas in a harmonic trap. Physical Review A, 2012, 85, .	2.5	27
102	Two-channel-model description of confinement-induced Feshbach molecules. Physical Review A, 2012, 86, .	2.5	7
103	Validity of a single-channel model for a spin-orbit-coupled atomic Fermi gas near Feshbach resonances. Physical Review A, 2012, 86, .	2.5	10
104	Universal dynamic structure factor of a strongly correlated Fermi gas. Physical Review A, 2012, 85, .	2.5	21
105	Many-body theories of density response for a strongly correlated Fermi gas. Frontiers of Physics, 2012, 7, 98-108.	5.0	4
106	Universal structure of a strongly interacting Fermi gas. Journal of Physics: Conference Series, 2011, 264, 012013.	0.4	1
107	Non-universal thermodynamics of a strongly interacting inhomogeneous Fermi gas using the quantum virial expansion. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2979-2984.	2.1	9
108	Studies of the universal contact in a strongly interacting Fermi gas using Bragg spectroscopy. New Journal of Physics, 2011, 13, 055010.	2.9	20

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109	Universal contact of strongly interacting fermions at finite temperatures. New Journal of Physics, 2011, 13, 035007.	2.9	59
110	Density distribution of a trapped two-dimensional strongly interacting Fermi gas. New Journal of Physics, 2011, 13, 113032.	2.9	40
111	Crossover from 2D to 3D in a Weakly Interacting Fermi Gas. Physical Review Letters, 2011, 106, 105304.	7.8	113
112	Rashba spin-orbit-coupled atomic Fermi gases. Physical Review A, 2011, 84, .	2.5	77
113	Mean-field analysis of dimensional crossover from two dimensions to three dimensions in a weakly interacting Fermi gas. Physical Review A, 2011, 84, .	2.5	3
114	Confinement-induced resonances in anharmonic waveguides. Physical Review A, 2011, 84, .	2.5	36
115	Comparison between theory and experiment for universal thermodynamics of a homogeneous, strongly correlated Fermi gas. Physical Review A, 2011, 83, .	2.5	9
116	Single impurity in ultracold Fermi superfluids. Physical Review A, 2011, 83, .	2.5	40
117	Josephson effect in an atomic Fulde-Ferrell-Larkin-Ovchinnikov superfluid. Physical Review A, 2011, 83, .	2.5	8
118	Temperature Dependence of the Universal Contact Parameter in a Unitary Fermi Gas. Physical Review Letters, 2011, 106, 170402.	7.8	71
119	Probing Anisotropic Superfluidity in Atomic Fermi Gases with Rashba Spin-Orbit Coupling. Physical Review Letters, 2011, 107, 195304.	7.8	194
120	Static structure factor of a strongly correlated Fermi gas at large momenta. Europhysics Letters, 2010, 91, 20005.	2.0	30
121	First-principles many-body theory for ultra-cold atoms. , 2010, , .		0
122	Three attractively interacting fermions in a harmonic trap: Exact solution, ferromagnetism, and high-temperature thermodynamics. Physical Review A, 2010, 82, .	2.5	82
123	Universal Behavior of Pair Correlations in a Strongly Interacting Fermi Gas. Physical Review Letters, 2010, 105, 070402.	7.8	158
124	Confinement-induced resonance in quasi-one-dimensional systems under transversely anisotropic confinement. Physical Review A, 2010, 82, .	2.5	32
125	Quantitative comparison between theoretical predictions and experimental results for Bragg spectroscopy of a strongly interacting Fermi superfluid. Physical Review A, 2010, 82, .	2.5	23
126	Virial expansion for a strongly correlated Fermi gas with imbalanced spin populations. Physical Review A, 2010, 82, .	2.5	24



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127	Mean-field study of itinerant ferromagnetism in trapped ultracold Fermi gases: Beyond the local-density approximation. Physical Review A, 2010, 82, .	2.5	11
128	Dynamic response of strongly correlated Fermi gases in the quantum virial expansion. Physical Review A, 2010, 81, .	2.5	19
129	Pseudogap Pairing in Ultracold Fermi Atoms. Physical Review Letters, 2010, 104, 240407.	7.8	74
130	Exact few-body results for strongly correlated quantum gases in two dimensions. Physical Review B, 2010, 82, .	3.2	68
131	Universal thermodynamics of a strongly interacting Fermi gas: theory versus experiment. New Journal of Physics, 2010, 12, 063038.	2.9	57
132	Second sound and the density response function in uniform superfluid atomic gases. New Journal of Physics, 2010, 12, 043040.	2.9	31
133	Virial Expansion for a Strongly Correlated Fermi Gas. Physical Review Letters, 2009, 102, 160401.	7.8	144
134	Theory of strongly interacting Fermi gases. Journal of Modern Optics, 2009, 56, 2076-2081.	1.3	2
135	First and second sound in a strongly interacting Fermi gas. Physical Review A, 2009, 80, .	2.5	46
136	UNIVERSALITY IN STRONGLY INTERACTING FERMI GASES. , 2009, , .		0
137	Variational theory of two-fluid hydrodynamic modes at unitarity. Physical Review A, 2008, 77, .	2.5	25
138	Comparative study of strong-coupling theories of a trapped Fermi gas at unitarity. Physical Review A, 2008, 77, .	2.5	50
139	Finite-temperature phase diagram of a spin-polarized ultracold Fermi gas in a highly elongated harmonic trap. Physical Review A, 2008, 78, .	2.5	61
140	Multicomponent strongly attractive Fermi gas: A color superconductor in a one-dimensional harmonic trap. Physical Review A, 2008, 77, .	2.5	30
141	Universal thermodynamics of strongly interacting Fermi gases. , 2007, , .		0
142	Visualization of Vortex Bound States in Polarized Fermi Gases at Unitarity. Physical Review Letters, 2007, 98, 060406.	7.8	22
143	Density fingerprint of giant vortices in Fermi gases near a Feshbach resonance. Physical Review A, 2007, 75, .	2.5	9
144	Phase Diagram of a Strongly Interacting Polarized Fermi Gas in One Dimension. Physical Review Letters, 2007, 98, 070403.	7.8	205

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145	Fulde-Ferrell-Larkin-Ovchinnikov states in one-dimensional spin-polarized ultracold atomic Fermi gases. Physical Review A, 2007, 76, .	2.5	105
146	Mean-field thermodynamics of a spin-polarized spherically trapped Fermi gas at unitarity. Physical Review A, 2007, 75, .	2.5	50
147	Universal thermodynamics of strongly interacting Fermi gases. Nature Physics, 2007, 3, 469-472.	16.7	125
148	Universal Thermodynamic Behavior of Strongly Interacting Fermi Gases. , 2007, , .		0
149	Strongly Interacting Polarized Fermi Gases. , 2007, , .		0
150	Equation of state of a superfluid Fermi gas in the BCS-BEC crossover. Europhysics Letters, 2006, 74, 574-580.	2.0	165
151	BCS-BEC crossover in an asymmetric two-component Fermi gas. Europhysics Letters, 2006, 75, 364-370.	2.0	62
152	Temperature of a trapped unitary Fermi gas at finite entropy. Physical Review A, 2006, 73, .	2.5	53
153	Mean-field phase diagrams of imbalanced Fermi gases near a Feshbach resonance. Physical Review A, 2006, 73, .	2.5	111
154	Self-consistent theory of atomic Fermi gases with a Feshbach resonance at the superfluid transition. Physical Review A, 2005, 72, .	2.5	50
155	Ultra-cold hubbard fermions in optical lattices. , 2005, , .		0
156	Signature of Mott-Insulator Transition with Ultracold Fermions in a One-Dimensional Optical Lattice. Physical Review Letters, 2005, 94, 136406.	7.8	51
157	Ultra-cold fermions in optical lattices. Journal of Modern Optics, 2005, 52, 2261-2268.	1.3	2
158	Collective Modes and Ballistic Expansion of a Fermi Gas in the BCS-BEC Crossover. Physical Review Letters, 2004, 93, 190403.	7.8	130
159	Collective oscillations of a confined Bose gas at finite temperature in the random-phase approximation. Physical Review A, 2004, 69, .	2.5	23
160	Tunneling into Multiwalled Carbon Nanotubes: Coulomb Blockade and the Fano Resonance. Physical Review Letters, 2003, 91, 076801.	7.8	54
161	Expansion of a quantum degenerate boson-fermion mixture. Physical Review A, 2003, 67, .	2.5	20
162	Finite-temperature excitations of a trapped Bose-Fermi mixture. Physical Review A, 2003, 68, .	2.5	12

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163	Collisionless and hydrodynamic excitations of trapped boson-fermion mixtures. Physical Review A, 2003, 67, .	2.5	45
164	Thermodynamics of a trapped Bose-Fermi mixture. Physical Review A, 2003, 68, .	2.5	19
165	Spin-orbital gapped phase with least symmetry breaking in the one-dimensional symmetrically coupled spin-orbital model. Physical Review B, 2003, 67, .	3.2	5
166	Valence-Bond Spin-Liquid State in Two-Dimensional Frustrated Spin-1/2 Heisenberg Antiferromagnets. Physical Review Letters, 2003, 91, 067201.	7.8	26
167	Finite-temperature effects on the collapse of trapped Bose-Fermi mixtures. Physical Review A, 2003, 68, .	2.5	26
168	Interplay of quantum magnetic and potential scattering around Zn and Ni impurity ions in superconducting cuprates. Physical Review B, 2002, 66, .	3.2	9
169	Aharonov-Bohm effect of excitons in nanorings. Physical Review B, 2001, 63, .	3.2	83
170	Effects of Arbitrarily Directed Field on Spin Phase Oscillations in Biaxial Molecular Magnets. Communications in Theoretical Physics, 2001, 35, 751-758.	2.5	1
171	Macroscopic Quantum Coherence in Antiferromagnetic Molecular Magnets. Communications in Theoretical Physics, 2001, 36, 245-250.	2.5	1
172	Marginal Fermi Liquid Resonance Induced by a Quantum Magnetic Impurity in d-Wave Superconductors. Physical Review Letters, 2001, 86, 704-707.	7.8	41
173	Low-energy exciton states in a nanoscopic semiconducting ring. Physical Review B, 2001, 63, .	3.2	13
174	Ground-state properties of a trapped few-boson system under rotation: Beyond the "lowest-Landau-level" approximation. Physical Review A, 2001, 64, .	2.5	11
175	Fragmented Condensate Ground State of Trapped Weakly Interacting Bosons in Two Dimensions. Physical Review Letters, 2001, 87, 030404.	7.8	20
176	Mesoscopic Kondo Screening Effect in a Single-Electron Transistor Embedded in a Metallic Ring. Physical Review Letters, 2001, 86, 5558-5561.	7.8	49
177	Partly non-Kramers freezing of tunneling in a spin molecule. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 265, 217-220.	2.1	0
178	Topological phase interference effects in resonant quantum tunneling of the Néel vector between nonequivalent magnetic wells in mesoscopic single-domain antiferromagnets. European Physical Journal B, 2000, 14, 349-361.	1.5	4
179	Spin-dependent electronic states and magnetoconductance in a magnetic quantum antidot. Journal of Physics Condensed Matter, 2000, 12, 3359-3367.	1.8	4
180	Topological phase interference induced by a magnetic field along hard anisotropy axis in nanospin systems with different crystal symmetries. Physical Review B, 2000, 61, 14581-14591.	3.2	9

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181	Resonant quantum coherence of magnetization at excited states in nanospin systems with different crystal symmetries. European Physical Journal B, 2000, 16, 507-513.	1.5	1
182	Energy levels and far-infrared spectroscopy for two electrons in a nanoscopic semiconductor ring. Physical Review B, 2000, 62, 16777-16783.	3.2	27
183	Size effects on excitons in nano-rings. Journal of Physics Condensed Matter, 2000, 12, 9145-9151.	1.8	8