

Sandro Stringari

List of Publications by Year in descending order

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249
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251
times ranked

6753
citing authors

#	ARTICLE	IF	CITATIONS
1	Moment of inertia and dynamical rotational response of a supersolid dipolar gas. <i>Physical Review A</i> , 2022, 105, .	1.0	12
2	Coherently Coupled Mixtures of Ultracold Atomic Gases. <i>Annual Review of Condensed Matter Physics</i> , 2022, 13, 407-432.	5.2	15
3	Spin drag and fast response in a quantum mixture of atomic gases. <i>Physical Review A</i> , 2021, 104, .	1.0	5
4	Roadmap on Atomtronics: State of the art and perspective. <i>AVS Quantum Science</i> , 2021, 3, .	1.8	87
5	Exciting the Goldstone Modes of a Supersolid Spin-Orbit-Coupled Bose Gas. <i>Physical Review Letters</i> , 2021, 127, 115301.	2.9	15
6	Supersolid phase of a spin-orbit-coupled Bose-Einstein condensate: A perturbation approach. <i>SciPost Physics</i> , 2021, 11, .	1.5	7
7	Measurement of the Canonical Equation of State of a Weakly Interacting 3D Bose Gas. <i>Physical Review Letters</i> , 2020, 125, 150404.	2.9	13
8	Quantized vortices in dipolar supersolid Bose-Einstein-condensed gases. <i>Physical Review A</i> , 2020, 102, .	1.0	42
9	Rotating a Supersolid Dipolar Gas. <i>Physical Review Letters</i> , 2020, 124, 045702.	2.9	57
10	Magnetic Phase Transition in a Mixture of Two Interacting Superfluid Bose Gases at Finite Temperature. <i>Physical Review Letters</i> , 2019, 123, 075301.	2.9	22
11	Static-response theory and the roton-maxon spectrum of a flattened dipolar Bose-Einstein condensate. <i>Physical Review A</i> , 2019, 100, .	1.0	3
12	Supersolid symmetry breaking from compressional oscillations in a dipolar quantum gas. <i>Nature</i> , 2019, 574, 382-385.	13.7	140
13	Second sound in a two-dimensional Bose gas: From the weakly to the strongly interacting regime. <i>Physical Review A</i> , 2018, 97, .	1.0	19
14	Scissors Mode of Dipolar Quantum Droplets of Dysprosium Atoms. <i>Physical Review Letters</i> , 2018, 120, 160402.	2.9	69
15	Observation of Spin Superfluidity in a Bose Gas Mixture. <i>Physical Review Letters</i> , 2018, 120, 170401.	2.9	43
16	Quantum Fluctuations and Gross-Pitaevskii Theory. <i>Journal of Experimental and Theoretical Physics</i> , 2018, 127, 844-850.	0.2	8
17	Collisionless Sound in a Uniform Two-Dimensional Bose Gas. <i>Physical Review Letters</i> , 2018, 121, 145302.	2.9	35
18	Magnetic defects in an imbalanced mixture of two Bose-Einstein condensates. <i>Physical Review A</i> , 2018, 97, .	1.0	13

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19	Diffused Vorticity and Moment of Inertia of a Spin-Orbit Coupled Bose-Einstein Condensate. Physical Review Letters, 2017, 118, 145302.	2.9	33
20	Darkâ€“bright solitons in a superfluid Boseâ€“Fermi mixture. New Journal of Physics, 2016, 18, 053014.	1.2	29
21	Spin-dipole oscillation and polarizability of a binary Bose-Einstein condensate near the miscible-immiscible phase transition. Physical Review A, 2016, 94, .	1.0	30
22	Hydrodynamic versus collisionless dynamics of a one-dimensional harmonically trapped Bose gas. Physical Review A, 2016, 94, .	1.0	14
23	Optical-lattice-assisted magnetic phase transition in a spin-orbit-coupled Bose-Einstein condensate. Physical Review A, 2016, 94, .	1.0	12
24	Superfluid density of a spin-orbit-coupled Bose gas. Physical Review A, 2016, 94, .	1.0	35
25	Quantized conductance through the quantum evaporation of bosonic atoms. Physical Review A, 2016, 94, .	1.0	9
26	Minimally destructive, Doppler measurement of a quantized flow in a ring-shaped Boseâ€“Einstein condensate. New Journal of Physics, 2016, 18, 025001.	1.2	48
27	Collective oscillations of a trapped quantum gas in low dimensions. Physical Review A, 2015, 92, .	1.0	25
28	Shortcut to Adiabaticity for an Anisotropic Gas Containing Quantum Defects. Physical Review Letters, 2015, 115, 025302.	2.9	20
29	Spin-dipole oscillation and relaxation of coherently coupled Boseâ€“Einstein condensates. New Journal of Physics, 2015, 17, 093036.	1.2	20
30	Counter-flow instability of a quantum mixture of two superfluids. European Physical Journal D, 2015, 69, 1.	0.6	27
31	Hybridization of first and second sound in a weakly interacting Bose gas. Europhysics Letters, 2015, 111, 40005.	0.7	15
32	Approach for making visible and stable stripes in a spin-orbit-coupled Bose-Einstein superfluid. Physical Review A, 2014, 90, .	1.0	54
33	Fast Thermalization and Helmholtz Oscillations of an Ultracold Bose Gas. Physical Review Letters, 2014, 113, 170601.	2.9	12
34	Chandrasekhar-Clogston limit and critical polarization in a Fermi-Bose superfluid mixture. Physical Review A, 2014, 90, .	1.0	26
35	Discontinuities in the First and Second Sound Velocities at the Berezinskii-Kosterlitz-Thouless Transition. Physical Review Letters, 2014, 112, 025302.	2.9	26
36	Supercurrent and dynamical instability of spin-orbit-coupled ultracold Bose gases. Physical Review A, 2013, 87, .	1.0	54

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37	Second sound and the superfluid fraction in a Fermi gas with resonant interactions. <i>Nature</i> , 2013, 498, 78-81.	13.7	154
38	Superstripes and the Excitation Spectrum of a Spin-Orbit-Coupled Bose-Einstein Condensate. <i>Physical Review Letters</i> , 2013, 110, 235302.	2.9	178
39	Collective Modes in a Unitary Fermi Gas across the Superfluid Phase Transition. <i>Physical Review Letters</i> , 2013, 110, 055303.	2.9	50
40	Scaling solutions of the two-fluid hydrodynamic equations in a harmonically trapped gas at unitarity. <i>Physical Review A</i> , 2013, 87, .	1.0	17
41	First and second sound in a highly elongated Fermi gas at unitarity. <i>Physical Review A</i> , 2013, 88, .	1.0	23
42	The decay and collisions of dark solitons in superfluid Fermi gases. <i>New Journal of Physics</i> , 2012, 14, 023044.	1.2	20
43	Quadrupole oscillation in a dipolar Fermi gas: Hydrodynamic versus collisionless regime. <i>Physical Review A</i> , 2012, 85, .	1.0	6
44	Sum rules, dipole oscillation and spin polarizability of a spin-orbit coupled quantum gas. <i>Europhysics Letters</i> , 2012, 99, 56008.	0.7	58
45	Anisotropic dynamics of a spin-orbit-coupled Bose-Einstein condensate. <i>Physical Review A</i> , 2012, 86, .	1.0	125
46	Rapid ramps across the BEC-BCS crossover: A route to measuring the superfluid gap. <i>Physical Review A</i> , 2012, 86, .	1.0	33
47	Increasing Quantum Degeneracy by Heating a Superfluid. <i>Physical Review Letters</i> , 2012, 109, 084501.	2.9	12
48	Quantum Tricriticality and Phase Transitions in Spin-Orbit Coupled Bose-Einstein Condensates. <i>Physical Review Letters</i> , 2012, 108, 225301.	2.9	345
49	Normal Phase of Polarised Strongly Interacting Fermi Gases. <i>Lecture Notes in Physics</i> , 2012, , 447-476.	0.3	0
50	Dynamics of Dark Solitons in a Trapped Superfluid Fermi Gas. <i>Physical Review Letters</i> , 2011, 106, 185301.	2.9	79
51	Universal contact and collective excitations of a strongly interacting Fermi gas. <i>Physical Review A</i> , 2011, 84, .	1.0	6
52	Effects of periodic potentials on the critical velocity of superfluid Fermi gases in the BCS-BEC crossover. <i>Physical Review A</i> , 2011, 83, .	1.0	10
53	Spin Fluctuations, Susceptibility, and the Dipole Oscillation of a Nearly Ferromagnetic Fermi Gas. <i>Physical Review Letters</i> , 2011, 106, 080402.	2.9	46
54	Spin oscillations of the normal polarized Fermi gas at unitarity. <i>Physical Review A</i> , 2010, 82, .	1.0	4

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55	Detection of pair-superfluidity for bosonic mixtures in optical lattices. <i>Physical Review A</i> , 2010, 81, .	1.0	17
56	First and Second Sound in Cylindrically Trapped Gases. <i>Physical Review Letters</i> , 2010, 105, 150402.	2.9	23
57	Second sound and the density response function in uniform superfluid atomic gases. <i>New Journal of Physics</i> , 2010, 12, 043040.	1.2	31
58	Density and Spin Response Function of a Normal Fermi Gas at Unitarity. <i>Physical Review Letters</i> , 2009, 102, 110406.	2.9	23
59	Entropy Exchange in a Mixture of Ultracold Atoms. <i>Physical Review Letters</i> , 2009, 103, 140401.	2.9	125
60	Chandrasekhar-Clogston limit and phase separation in Fermi mixtures at unitarity. <i>Physical Review A</i> , 2009, 79, .	1.0	21
61	First and second sound in a strongly interacting Fermi gas. <i>Physical Review A</i> , 2009, 80, .	1.0	46
62	Critical velocity of superfluid flow through single-barrier and periodic potentials. <i>Physical Review A</i> , 2009, 80, .	1.0	47
63	Theory of ultracold atomic Fermi gases. <i>Reviews of Modern Physics</i> , 2008, 80, 1215-1274.	16.4	1,649
64	Tkachenko modes in a superfluid Fermi gas at unitarity. <i>Physical Review A</i> , 2008, 77, .	1.0	3
65	Role of interactions in spin-polarized atomic Fermi gases at unitarity. <i>Physical Review A</i> , 2008, 78, .	1.0	35
66	Unitary polarized Fermi gas under adiabatic rotation. <i>Physical Review A</i> , 2008, 78, .	1.0	11
67	Casimir-Lifshitz force out of thermal equilibrium. <i>Physical Review A</i> , 2008, 77, .	1.0	134
68	Equation of state and effective mass of the unitary Fermi gas in a one-dimensional periodic potential. <i>Physical Review A</i> , 2008, 78, .	1.0	23
69	Equilibrium and dynamics of a trapped superfluid Fermi gas with unequal masses. <i>Physical Review A</i> , 2008, 77, .	1.0	23
70	Collisional Properties of a Polarized Fermi Gas with Resonant Interactions. <i>Physical Review Letters</i> , 2008, 100, 240406.	2.9	52
71	Destroying Superfluidity by Rotating a Fermi Gas at Unitarity. <i>Physical Review Letters</i> , 2008, 100, 070401.	2.9	21
72	Dark solitons in a superfluid Fermi gas. <i>Physical Review A</i> , 2007, 76, .	1.0	75

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73	Breathing modes of a fast rotating Fermi gas. <i>Physical Review A</i> , 2007, 75, .	1.0	11
74	Measurement of the Temperature Dependence of the Casimir-Polder Force. <i>Physical Review Letters</i> , 2007, 98, 063201.	2.9	374
75	Quantized Vortices in the Ideal Bose Gas: A Physical Realization of Random Polynomials. <i>Physical Review Letters</i> , 2006, 96, 040405.	2.9	16
76	Collective mode of homogeneous superfluid Fermi gases in the BEC-BCS crossover. <i>Physical Review A</i> , 2006, 74, .	1.0	153
77	Casimir-Lifshitz Force Out of Thermal Equilibrium and Asymptotic Nonadditivity. <i>Physical Review Letters</i> , 2006, 97, 223203.	2.9	70
78	One-dimensional description of a Bose-Einstein condensate in a rotating closed-loop waveguide. <i>New Journal of Physics</i> , 2006, 8, 162-162.	1.2	29
79	Molecular signatures in the structure factor of an interacting Fermi gas. <i>Europhysics Letters</i> , 2006, 75, 695-701.	0.7	53
80	Vortex lattices in Bose-Einstein condensates: From the Thomas-Fermi regime to the lowest-Landau-level regime. <i>Physical Review A</i> , 2006, 73, .	1.0	17
81	Pair Correlations of an Expanding Superfluid Fermi Gas. <i>Physical Review Letters</i> , 2006, 97, 100405.	2.9	30
82	Quantum fluctuations and Collective Oscillations of a Bose-Einstein Condensate in a 2D Optical Lattice. <i>Physical Review Letters</i> , 2006, 97, 190408.	2.9	15
83	Dipole Polarizability of a Trapped Superfluid Fermi Gas. <i>Physical Review Letters</i> , 2006, 97, 190403.	2.9	9
84	Vortex signatures in annular Bose-Einstein condensates. <i>Physical Review A</i> , 2006, 73, .	1.0	54
85	Normal State of a Polarized Fermi Gas at Unitarity. <i>Physical Review Letters</i> , 2006, 97, 200403.	2.9	230
86	Bose-Einstein condensation in ultracold atomic gases. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 347, 150-156.	0.9	5
87	Rapid rotation of a Bose-Einstein condensate in a harmonic plus quartic trap. <i>Physical Review A</i> , 2005, 71, .	1.0	100
88	Equation of State and Collective Frequencies of a Trapped Fermi Gas Along the BEC-Unitarity Crossover. <i>Physical Review Letters</i> , 2005, 95, 030404.	2.9	78
89	Sound propagation and oscillations of a superfluid Fermi gas in the presence of a one-dimensional optical lattice. <i>Physical Review A</i> , 2005, 71, .	1.0	34
90	Oscillations of a Bose-Einstein Condensate Rotating in a Harmonic Plus Quartic Trap. <i>Physical Review Letters</i> , 2005, 94, 100402.	2.9	20

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91	Formation of Molecules near a Feshbach Resonance in a 1D Optical Lattice. Physical Review Letters, 2005, 95, 060402.	2.9	48
92	Sensitive Measurement of Forces at the Micron Scale Using Bloch Oscillations of Ultracold Atoms. Physical Review Letters, 2005, 95, 093202.	2.9	88
93	New Asymptotic Behavior of the Surface-Atom Force out of Thermal Equilibrium. Physical Review Letters, 2005, 95, 113202.	2.9	178
94	Collective oscillations of a trapped superfluid Fermi gas near a Feshbach resonance. Europhysics Letters, 2004, 65, 749-752.	0.7	108
95	Publisher's Note: Effect of the Casimir-Polder force on the collective oscillations of a trapped Bose-Einstein condensate [Phys. Rev. A70, 053619 (2004)]. Physical Review A, 2004, 70, .	1.0	1
96	Tkachenko Oscillations and the Compressibility of a Rotating Bose-Einstein Condensate. Physical Review Letters, 2004, 92, 220401.	2.9	26
97	Propagation of sound in a Bose-Einstein condensate in an optical lattice. Physical Review A, 2004, 70, .	1.0	26
98	Insulating Behavior of a Trapped Ideal Fermi Gas. Physical Review Letters, 2004, 93, 120401.	2.9	80
99	Umklapp Collisions and Center-of-Mass Oscillations of a Trapped Fermi Gas. Physical Review Letters, 2004, 93, 020404.	2.9	14
100	Momentum distribution of a trapped Fermi gas with large scattering length. Physical Review A, 2004, 69, .	1.0	39
101	Effect of the Casimir-Polder force on the collective oscillations of a trapped Bose-Einstein condensate. Physical Review A, 2004, 70, .	1.0	139
102	Collisions and expansion of an ultracold dilute Fermi gas. Europhysics Letters, 2004, 67, 524-530.	0.7	7
103	Sum rules and the collective oscillations of a quantum gas. European Physical Journal Special Topics, 2004, 116, 47-66.	0.2	1
104	Bose-Einstein condensates in 1D optical lattices. European Physical Journal D, 2003, 27, 247-261.	0.6	104
105	Scissors mode of a rotating Bose-Einstein condensate. Physical Review A, 2003, 67, .	1.0	14
106	Kelvin modes of a fast rotating Bose-Einstein condensate. Physical Review A, 2003, 68, .	1.0	17
107	Dynamics of a classical gas including dissipative and mean-field effects. Physical Review A, 2003, 68, .	1.0	54
108	Macroscopic dynamics of a Bose-Einstein condensate containing a vortex lattice. Physical Review A, 2003, 67, .	1.0	52

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109	Fermi Gases in Slowly Rotating Traps: Superfluid versus Collisional Hydrodynamics. Physical Review Letters, 2003, 91, 070401.	2.9	54
110	Consequence of Superfluidity on the Expansion of a Rotating Bose-Einstein Condensate. Physical Review Letters, 2002, 88, 070405.	2.9	19
111	Macroscopic Dynamics of a Trapped Bose-Einstein Condensate in the Presence of 1D and 2D Optical Lattices. Physical Review Letters, 2002, 88, 180404.	2.9	119
112	Expansion of an Interacting Fermi Gas. Physical Review Letters, 2002, 89, 250402.	2.9	160
113	ULTRACOLD MATTER: The Quest for Superfluidity in Fermi Gases. Science, 2002, 298, 2144-2146.	6.0	26
114	Collective oscillations of a one-dimensional trapped Bose-Einstein gas. Physical Review A, 2002, 66, .	1.0	244
115	Overcritical Rotation of a Trapped Bose-Einstein Condensate. Physical Review Letters, 2001, 86, 377-380.	2.9	123
116	Bose-Einstein condensation and superfluidity in trapped atomic gases. Comptes Rendus Physique, 2001, 2, 381-397.	0.1	1
117	Collective excitations of a "gravitationally" self-bound Bose gas. Europhysics Letters, 2001, 56, 1-7.	0.7	30
118	Expansion of a Coherent Array of Bose-Einstein Condensates. Physical Review Letters, 2001, 87, 220401.	2.9	168
119	Superfluid Gyroscope with Cold Atomic Gases. Physical Review Letters, 2001, 86, 4725-4728.	2.9	36
120	Helium nanodroplets and trapped Bose-Einstein condensates as prototypes of finite quantum fluids. Journal of Chemical Physics, 2001, 115, 10078.	1.2	57
121	Moment of inertia and quadrupole response function of a trapped superfluid. Physical Review A, 2001, 63, .	1.0	40
122	Momentum transferred to a trapped Bose-Einstein condensate by stimulated light scattering. Physical Review A, 2001, 64, .	1.0	79
123	Adiabatic compression of a trapped Fermi gas. Physical Review A, 2001, 63, .	1.0	26
124	How to Measure the Bogoliubov Quasiparticle Amplitudes in a Trapped Condensate. Physical Review Letters, 2000, 85, 4422-4425.	2.9	34
125	Dynamic structure factor and momentum distribution of a trapped Bose gas. Physical Review A, 2000, 61, .	1.0	114
126	Shape deformations and angular-momentum transfer in trapped Bose-Einstein condensates. Physical Review A, 2000, 63, .	1.0	60

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127	Scissors Mode and Superfluidity of a Trapped Bose-Einstein Condensed Gas. <i>Physical Review Letters</i> , 1999, 83, 4452-4455.	2.9	151
128	Collective oscillations of a classical gas confined in harmonic traps. <i>Physical Review A</i> , 1999, 60, 4851-4856.	1.0	89
129	Theory of Bose-Einstein condensation in trapped gases. <i>Reviews of Modern Physics</i> , 1999, 71, 463-512.	16.4	4,734
130	Collective oscillations of an interacting trapped Fermi gas. <i>Physical Review A</i> , 1999, 60, 4734-4737.	1.0	99
131	Dynamics of Bose-Einstein condensed gases in highly deformed traps. <i>Physical Review A</i> , 1998, 58, 2385-2388.	1.0	142
132	Quantum degeneracy and interaction effects in spin-polarized Fermi - Bose mixtures. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, L899-L907.	0.6	27
133	Elementary Excitations in Trapped Bose-Einstein Condensed Gases Beyond the Mean-Field Approximation. <i>Physical Review Letters</i> , 1998, 81, 4541-4544.	2.9	88
134	Anomalous Fluctuations of the Condensate in Interacting Bose Gases. <i>Physical Review Letters</i> , 1998, 80, 5040-5043.	2.9	114
135	Quantized Vortices and Collective Oscillations of a Trapped Bose-Einstein Condensate. <i>Physical Review Letters</i> , 1998, 81, 1754-1757.	2.9	110
136	Quantum evaporation from superfluid helium at normal incidence. <i>Journal of Physics Condensed Matter</i> , 1997, 9, L369-L374.	0.7	6
137	Variational study of aHe3impurity and of a vacancy in solidHe4. <i>Physical Review B</i> , 1997, 55, 3122-3127.	1.1	7
138	Hydrodynamic Modes in a Trapped Bose Gas above the Bose-Einstein Transition. <i>Physical Review Letters</i> , 1997, 78, 1838-1841.	2.9	83
139	Collective and single-particle excitations of a trapped Bose gas. <i>Physical Review A</i> , 1997, 56, 3840-3845.	1.0	98
140	Thermodynamics of a Trapped Bose-Condensed Gas. <i>Journal of Low Temperature Physics</i> , 1997, 109, 309-355.	0.6	151
141	Moment of Inertia and Superfluidity of a Trapped Bose Gas. <i>Physical Review Letters</i> , 1996, 76, 1405-1408.	2.9	59
142	Collective Excitations of a Trapped Bose-Condensed Gas. <i>Physical Review Letters</i> , 1996, 77, 2360-2363.	2.9	763
143	Condensate fraction and critical temperature of a trapped interacting Bose gas. <i>Physical Review A</i> , 1996, 54, R4633-R4636.	1.0	255
144	Theory of quantum evaporation from superfluid helium. <i>European Physical Journal D</i> , 1996, 46, 2973-2980.	0.4	5

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145	Unitarity, time reversal and quantum evaporation from liquid helium. European Physical Journal D, 1996, 46, 391-392.	0.4	5
146	Quantum evaporation from the free surface of superfluid ⁴ He. Journal of Low Temperature Physics, 1996, 104, 367-397.	0.6	24
147	Surface Region of Superfluid Helium as an Inhomogeneous Bose-Condensed Gas. Physical Review Letters, 1996, 76, 259-262.	2.9	46
148	Order parameter at the boundary of a trapped Bose gas. Physical Review A, 1996, 54, 4213-4217.	1.0	165
149	Bosons in anisotropic traps: Ground state and vortices. Physical Review A, 1996, 53, 2477-2485.	1.0	461
150	Density functional calculations for ⁴ He droplets. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1995, 35, 67-75.	1.0	45
151	Dispersion of ripplons in superfluid ⁴ He. Journal of Low Temperature Physics, 1995, 98, 227-250.	0.6	27
152	Rotons and Quantum Evaporation from Superfluid ⁴ He. Physical Review Letters, 1995, 75, 2510-2513.	2.9	41
153	Structural and dynamical properties of superfluid helium: A density-functional approach. Physical Review B, 1995, 52, 1193-1209.	1.1	284
154	Bounds for the phonon-roton dispersion in superfluid ⁴ He. Physical Review B, 1995, 52, 1236-1241.	1.1	29
155	Upper bounds on plasmon dispersion in the degenerate boson plasma. Journal of Physics Condensed Matter, 1995, 7, L85-L88.	0.7	6
156	Density dependence of the plasmon dispersion in alkali metals. Journal of Physics Condensed Matter, 1994, 6, 2025-2030.	0.7	12
157	Variational calculations for ³ He impurities on ⁴ He droplets. Physical Review B, 1994, 49, 15253-15257.	1.1	22
158	Spin excitations and sum rules in the Heisenberg antiferromagnet. Physical Review B, 1994, 49, 6710-6717.	1.1	24
159	Dispersion law of edge waves in the quantum Hall effect. Physical Review Letters, 1994, 72, 3230-3233.	2.9	40
160	Effects of disorder in a dilute Bose gas. Physical Review B, 1994, 49, 12938-12944.	1.1	108
161	Uncertainty principle and off-diagonal long-range order in the fractional quantum Hall effect. Physical Review B, 1993, 47, 10915-10917.	1.1	12
162	Static response function for longitudinal and transverse excitations in superfluid helium. Physical Review B, 1992, 46, 13991-13996.	1.1	14

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163	Bose-Einstein condensation, phase fluctuations, and two-phonon effects in superfluidHe4. Physical Review B, 1992, 46, 6374-6381.	1.1	21
164	Sum rules for density and particle excitations in Bose superfluids. Physical Review B, 1992, 46, 2974-2984.	1.1	38
165	Ripplon-roton hybridization in superfluidHe4. Physical Review B, 1992, 45, 13133-13135.	1.1	15
166	Static response function in superfluid4He. Journal of Low Temperature Physics, 1992, 89, 325-333.	0.6	1
167	Temperature dependence of the condensate fraction of superfluid4 He. Journal of Low Temperature Physics, 1992, 89, 449-452.	0.6	4
168	Evaporation of atoms from metal clusters. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1991, 20, 123-125.	1.0	30
169	Quantum statistical effects in helium clusters. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1991, 20, 219-222.	1.0	6
170	Collective excitations in deformed alkali metal clusters. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1991, 18, 193-201.	1.0	41
171	Uncertainty principle, quantum fluctuations, and broken symmetries. Journal of Low Temperature Physics, 1991, 85, 377-388.	0.6	92
172	Long-range order in the half-diagonal two-body density matrix of a Bose superfluid. Journal of Low Temperature Physics, 1991, 84, 279-285.	0.6	2
173	Freezing of Liquid Helium at Zero Temperature: A Density Functional Approach. Europhysics Letters, 1991, 16, 205-210.	0.7	15
174	Dynamics of Helium Clusters. NATO ASI Series Series B: Physics, 1991, , 335-342.	0.2	0
175	Quantum statistical effects in helium clusters. , 1991, , 669-672.		0
176	Density of states and evaporation rate of helium clusters. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1990, 15, 257-263.	1.0	261
177	Superfluid effects in rotating helium clusters. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1990, 16, 299-301.	1.0	14
178	Magnetic susceptibility and collisionless spin waves in liquid3He and3He-4He mixtures. Journal of Low Temperature Physics, 1990, 78, 1-12.	0.6	4
179	Elementary excitations of4He clusters. Journal of Low Temperature Physics, 1990, 79, 135-149.	0.6	58
180	Rotating superfluid 4 He clusters. Physica B: Condensed Matter, 1990, 165-166, 489-490.	1.3	0

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181	Sum rules and the spectral function of superfluid 4He. Physica B: Condensed Matter, 1990, 165-166, 511-512.	1.3	3
182	Momentum distribution in heavy nuclei. Nuclear Physics A, 1990, 516, 33-40.	0.6	39
183	Asymmetry in inclusive polarized electron scattering from polarized nuclei: Sum rule approach. Physical Review C, 1990, 42, 416-422.	1.1	7
184	Electron scattering sum rules in polarized nuclei. Physical Review C, 1989, 40, R19-R21.	1.1	3
185	Rotational magnetic state in deformed metal clusters. Physical Review Letters, 1989, 63, 570-572.	2.9	45
186	Sum rules and spin multipair excitations in liquidHe3. Physical Review Letters, 1989, 63, 532-535.	2.9	15
187	Sum rules and giant resonances in nuclei. Physics Reports, 1989, 175, 103-261.	10.3	291
188	Surface tension of liquid3He at low temperature. Journal of Low Temperature Physics, 1989, 77, 307-317.	0.6	59
189	Effects of temperature and magnetization on the maximum solubility of 3He in 4He. Journal of Low Temperature Physics, 1988, 71, 311-317.	0.6	53
190	Surface and temperature effects in isovector giant resonances. Nuclear Physics A, 1988, 482, 205-217.	0.6	18
191	Isospin effects and dynamic correlations in inclusive muon capture in $N\hat{a}\%Z$ nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 212, 6-9.	1.5	2
192	Surface state of 3He on liquid4He. Physica Scripta, 1988, 38, 204-206.	1.2	15
193	Systematics of liquid helium clusters. Journal of Chemical Physics, 1987, 87, 5021-5027.	1.2	183
194	Surface properties of liquid3He and4He: A density-functional approach. Physical Review B, 1987, 36, 8369-8375.	1.1	115
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