

Artur Polls

List of Publications by Year in descending order

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245
papers

5,969
citations

61984

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98798

67
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246
all docs

246
docs citations

246
times ranked

2067
citing authors

#	ARTICLE	IF	CITATIONS
1	Supervised learning of few dirty bosons with variable particle number. SciPost Physics, 2021, 10, .	4.9	7
2	Functional renormalization for repulsive Bose-Bose mixtures at zero temperature. Physical Review A, 2021, 103, .	2.5	3
3	Static and Dynamic Properties of a Few Spin 1/2 Interacting Fermions Trapped in a Harmonic Potential. Mathematics, 2020, 8, 1196.	2.2	11
4	Spinodal instabilities of spin-polarized asymmetric nuclear matter. Physical Review C, 2020, 102, .	2.9	1
5	Spin-orbit-coupled bosons interacting in a two-dimensional harmonic trap. Physical Review A, 2020, 101, .	2.5	1
6	Few bosons to many bosons inside the unitary window: A transition between universal and nonuniversal behavior. Physical Review A, 2020, 102, .	2.5	14
7	Bosonic Drops with Two- and Three-Body Interactions Close to the Unitary Limit. Springer Proceedings in Physics, 2020, , 851-856.	0.2	0
8	Few-boson localization in a continuum with speckle disorder. Physical Review A, 2019, 100, .	2.5	11
9	Entanglement structure of the two-component Bose-Hubbard model as a quantum simulator of a Heisenberg chain. Scientific Reports, 2019, 9, 9424.	3.3	5
10	Dynamic structure function of two interacting atoms in 1D. Europhysics Letters, 2019, 127, 56001.	2.0	3
11	Pairing in nuclear matter and finite nuclei. Physical Review C, 2019, 99, .	2.9	5
12	Creation of entangled atomic states by an analogue of the Dynamical Casimir effect. New Journal of Physics, 2018, 20, 103017.	2.9	2
13	Beyond BCS pairing in high-density neutron matter. Journal of Physics: Conference Series, 2018, 940, 012014.	0.4	1
14	Fermionic Properties of Two Interacting Bosons in a Two-Dimensional Harmonic Trap. Condensed Matter, 2018, 3, 9.	1.8	7
15	Microscopic predictions of the nuclear matter liquid-gas phase transition. Physical Review C, 2018, 98, .	2.9	35
16	Saturation properties of helium drops from a leading-order description. Physical Review A, 2017, 96, .	2.5	17
17	Quantum correlations and degeneracy of identical bosons in a two-dimensional harmonic trap. Physical Review A, 2017, 96, .	2.5	18
18	Comparison of nuclear Hamiltonians using spectral function sum rules. Physical Review C, 2017, 96, .	2.9	5

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19	Pairing and Short-Range Correlations in Nuclear Systems. Journal of Low Temperature Physics, 2017, 189, 234-249.	1.4	15
20	Nucleon–Nucleon Correlations and the Isospin and Spin Symmetry Energy. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 165.	0.1	0
21	Robustness of discrete semifluxons in closed Bose–Hubbard chains. New Journal of Physics, 2016, 18, 075005.	2.9	8
22	Role of correlations in spin-polarized neutron matter. Physical Review C, 2016, 94, .	2.9	6
23	Pairing in high-density neutron matter including short- and long-range correlations. Physical Review C, 2016, 94, .	2.9	65
24	Quantum properties of a binary bosonic mixture in a double well. Physical Review A, 2016, 93, .	2.5	15
25	Matter-wave recombiners for trapped Bose-Einstein condensates. Physical Review A, 2016, 93, .	2.5	15
26	Transport properties of the Fermi hard-sphere system. Physical Review C, 2016, 93, .	2.9	5
27	Shortcut to adiabaticity in spinor condensates. Physical Review A, 2016, 94, .	2.5	15
28	Mesoscopic superpositions of Tonks-Girardeau states and the Bose-Fermi mapping. Physical Review A, 2015, 92, .	2.5	15
29	Hybrid synchronization in coupled ultracold atomic gases. Physical Review A, 2015, 92, .	2.5	19
30	Effect of Tensor Correlations on the Density Dependence of the Nuclear Symmetry Energy. Symmetry, 2015, 7, 15-31.	2.2	2
31	Effective-interaction approach to the Fermi hard-sphere system. Physical Review C, 2015, 91, .	2.9	7
32	Fragmented condensation in Bose–Hubbard trimers with tunable tunnelling. New Journal of Physics, 2015, 17, 073014.	2.9	22
33	Pairing in bulk nuclear matter beyond BCS. , 2014, , .		0
34	Distinguishability, degeneracy, and correlations in three harmonically trapped bosons in one dimension. Physical Review A, 2014, 90, .	2.5	47
35	Quantum correlations and spatial localization in one-dimensional ultracold bosonic mixtures. New Journal of Physics, 2014, 16, 103004.	2.9	41
36	Elastic nucleon-nucleus scattering as a direct probe of correlations beyond the independent-particle model. Physical Review C, 2014, 90, .	2.9	16

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37	Tensor force effects and high-momentum components in the nuclear symmetry energy. European Physical Journal A, 2014, 50, 1.	2.5	22
38	Correlated density-dependent chiral forces for infinite-matter calculations within the Green's function approach. Physical Review C, 2014, 90, .	2.9	81
39	Density and isospin-asymmetry dependence of high-momentum components. Physical Review C, 2014, 89, .	2.9	87
40	Measure synchronization in quantum many-body systems. Physical Review A, 2014, 90, .	2.5	23
41	Josephson physics of spin-orbit-coupled elongated Bose-Einstein condensates. Physical Review A, 2014, 89, .	2.5	48
42	Quantum and thermal fluctuations in bosonic Josephson junctions. Physical Review A, 2013, 88, .	2.5	9
43	Symmetric nuclear matter with chiral three-nucleon forces in the self-consistent Green's functions approach. Physical Review C, 2013, 88, .	2.9	93
44	Self-consistent Green's functions formalism with three-body interactions. Physical Review C, 2013, 88, .	2.9	103
45	Spin instabilities of infinite nuclear matter and effective tensor interactions. Physical Review C, 2013, 87, .	2.9	18
46	Thermal spin fluctuations in spinor Bose-Einstein condensates. Physical Review A, 2013, 87, .	2.5	8
47	Sharp crossover from composite fermionization to phase separation in microscopic mixtures of ultracold bosons. Physical Review A, 2013, 88, .	2.5	37
48	Shortcut to adiabaticity in internal bosonic Josephson junctions. Physical Review A, 2013, 88, .	2.5	21
49	High-momentum components in the nuclear symmetry energy. , 2013, , .		0
50	Tensor force and the nuclear symmetry energy. Journal of Physics: Conference Series, 2013, 420, 012091.	0.4	0
51	Fast generation of spin-squeezed states in bosonic Josephson junctions. Physical Review A, 2012, 86, .	2.5	43
52	Comparative study of neutron and nuclear matter with simplified Argonne nucleon-nucleon potentials. Physical Review C, 2012, 86, .	2.9	65
53	Liquid-gas phase transition in nuclear matter: Mean-field and beyond. EPJ Web of Conferences, 2012, 31, 00003.	0.3	0
54	Symmetry energy within the BHF approach. Journal of Physics: Conference Series, 2012, 342, 012012.	0.4	0

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55	Effect of hyperonic three-body forces on the maximum mass of neutron stars. Journal of Physics: Conference Series, 2012, 342, 012006.	0.4	16
56	Ferromagnetic transition of a two-component Fermi gas of hard spheres. Physical Review A, 2012, 85, .	2.5	18
57	Spin-driven spatial symmetry breaking of spinor condensates in a double well. Physical Review A, 2012, 86, .	2.5	7
58	Dynamic generation of spin-squeezed states in bosonic Josephson junctions. Physical Review A, 2012, 86, .	2.5	71
59	Temperature Effects on the Quantum Coherence of Bosonic Josephson Junctions. Progress in Optical Science and Photonics, 2012, , 473-484.	0.5	0
60	High-momentum components in the nuclear symmetry energy. Europhysics Letters, 2012, 97, 22001.	2.0	47
61	Two component bosonic Josephson junctions in elongated traps. Molecular Physics, 2011, 109, 2763-2771.	1.7	0
62	Role of short-range and tensor correlations in nuclei. Journal of Physics: Conference Series, 2011, 312, 022007.	0.4	1
63	Role of short-range and tensor correlations in nuclei. Journal of Physics: Conference Series, 2011, 321, 012038.	0.4	0
64	Improved Variational Approach to the Two-Site Bose-Hubbard Model. Journal of Low Temperature Physics, 2011, 165, 180-194.	1.4	4
65	Symmetry Energy, Neutron Star Crust and Neutron Skin Thickness. Few-Body Systems, 2011, 50, 327-329.	1.5	0
66	Weakly linked binary mixtures of ^1F ^1S ^87Rb Bose-Einstein condensates. New Journal of Physics, 2011, 13, 033012.	2.9	37
67	Estimation of the effect of hyperonic three-body forces on the maximum mass of neutron stars. Europhysics Letters, 2011, 94, 11002.	2.0	141
68	Publisher's Note: Latent heat of nuclear matter [Phys. Rev. C83, 024308 (2011)]. Physical Review C, 2011, 83, .	2.9	3
69	Liquid-gas phase transition in nuclear matter in the mean-field approximation. Journal of Physics: Conference Series, 2011, 321, 012058.	0.4	0
70	Nuclear symmetry energy and the role of the tensor force. Physical Review C, 2011, 84, .	2.9	74
71	Microscopic self-energy of ^{40}Ca from the charge-dependent Bonn potential. Physical Review C, 2011, 84, .	2.9	24
72	Latent heat of nuclear matter. Physical Review C, 2011, 83, .	2.9	11

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73	Analyticity constraints on the in-medium spectrum of mesons. , 2011, , .		1
74	Josephson tunneling of binary mixtures of spinor BECs. Laser Physics, 2010, 20, 1163-1168.	1.2	6
75	Bose-Einstein condensates on slightly asymmetric double-well potentials. Physical Review A, 2010, 81, .	2.5	35
76	Beyond standard two-mode dynamics in bosonic Josephson junctions. Physical Review A, 2010, 82, .	2.5	17
77	Strange mesons from SIS to FAIR. Nuclear Physics A, 2010, 835, 378-381.	1.5	0
78	Macroscopic self-trapping in Bose-Einstein condensates: Analysis of a dynamical quantum phase transition. Physical Review A, 2010, 81, .	2.5	77
79	Microscopic calculations of transport properties of neutron matter. Physical Review C, 2010, 81, .	2.9	24
80	Spectral properties of mesons in hot and dense matter from energy weighted sum rules. , 2010, , .		0
81	Nucleon correlations and the equation of state of nuclear matter. , 2010, , .		0
82	Neutron Fermi liquids under the presence of a strong magnetic field with effective nuclear forces. Physical Review C, 2009, 80, .	2.9	21
83	Josephson oscillations in binary mixtures of $F < 1 < /math>$ spinor Bose-Einstein condensates. Physical Review A, 2009, 80, .	2.5	47
84	Energy-weighted sum rules for mesons in hot and dense matter. Physical Review C, 2009, 80, .	2.9	7
85	Density dependence of the nuclear symmetry energy: A microscopic perspective. Physical Review C, 2009, 80, .	2.9	181
86	Spinor Bose-Einstein condensates in a double well: Population transfer and Josephson oscillations. Physical Review A, 2009, 80, .	2.5	29
87	Spin mixing in colliding spinor condensates. Laser Physics, 2009, 19, 578-582.	1.2	0
88	Depletion of the nuclear Fermi sea. Physical Review C, 2009, 79, .	2.9	66
89	Hot neutron matter from a self-consistent Green's-functions approach. Physical Review C, 2009, 79, .	2.9	62
90	Spinodal instabilities of asymmetric nuclear matter within the Bruecknerâ€“Hartreeâ€“Fock approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 232-238.	4.1	17

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91	Liquid-gas phase transition in nuclear matter from realistic many-body approaches. Physical Review C, 2008, 78, .	2.9	42
92	Λ hyperons and the neutron drip line. Physical Review C, 2008, 78, .	2.9	57
93	Spin mixing in colliding spinor condensates: Formation of an effective barrier. Europhysics Letters, 2008, 84, 60005.	2.0	3
94	Predicting Spinor Condensate Dynamics from Simple Principles. Physical Review Letters, 2007, 99, 020404.	7.8	22
95	The entropy of a correlated system of nucleons. Nuclear Physics A, 2007, 782, 346-349.	1.5	2
96	The entropy of a correlated system of nucleons. Progress in Particle and Nuclear Physics, 2007, 59, 311-313.	14.4	0
97	The kaon optical potential modified by Λ^+ Pentaquark excitation. , 2007, , 47-49.		0
98	Maximum mass of neutron stars. Physical Review C, 2006, 73, .	2.9	138
99	Sum rules and correlations in asymmetric nuclear matter. Physical Review C, 2006, 73, .	2.9	7
100	Entropy of a correlated system of nucleons. Physical Review C, 2006, 74, .	2.9	25
101	CORRELATIONS IN HOT ASYMMETRIC NUCLEAR MATTER. , 2006, , .		0
102	Microscopic calculations of spin polarized neutron matter at finite temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 638-643.	4.1	50
103	<small>xml:ns:xocs= http://www.elsevier.com/xml/xocs/dtd xml:ns:xs= http://www.w3.org/2001/XMLSchemaInstance xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:xlink="http://www.w3.org/1999/xlink" xml:lang="en" xml:base="http://www.elsevier.com/xml/ja/dtd" style="font-size: 8pt; color: #cccccc; font-family: sans-serif; display: none;">The effect of the in-medium Λ-nucleon atomic σ13.9. Overview= scroll</small> The effect of the in-medium Λ -nucleon atomic σ 13.9. Overview= scroll	4.1	16
104	Ferromagnetic instabilities in neutron matter at finite temperature with the Gogny interaction. Physical Review C, 2006, 74, .	2.9	27
105	Anomalous Specific-Heat Jump in a Two-Component Ultracold Fermi Gas. Physical Review Letters, 2006, 97, 140404.	7.8	13
106	Dynamics of $F=1$ Rb87 condensates at finite temperatures. Physical Review A, 2006, 73, .	2.5	53
107	CORRELATIONS IN HOT ASYMMETRIC NUCLEAR MATTER. International Journal of Modern Physics B, 2006, 20, 5346-5356.	2.0	2
108	Spin-orbit and tensor interactions in homogeneous matter of nucleons: accuracy of modern many-body theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 232-240.	4.1	24

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109	In-medium effects on the ratio at GSI. Nuclear Physics A, 2005, 754, 356-360.	1.5	2
110	Energy and Structure of Hard-Sphere Bose Gases in three and two dimensions. Journal of Low Temperature Physics, 2005, 138, 735-740.	1.4	0
111	Vortices in atomic Bose-Einstein condensates in the large-gas-parameter region. Physical Review A, 2005, 71, .	2.5	21
112	Density functional study of two-dimensional He4 clusters. Physical Review B, 2005, 72, .	3.2	5
113	Ground-state properties of a dilute homogeneous Bose gas of hard disks in two dimensions. Physical Review A, 2005, 71, .	2.5	10
114	Bulk and single-particle properties of hyperonic matter at finite temperature. Physical Review C, 2005, 72, .	2.9	14
115	Pairing in a two-component ultracold Fermi gas: Phases with broken-space symmetries. Physical Review A, 2005, 72, .	2.5	95
116	The longitudinal and transverse nuclear responses within the RPA framework. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 471-479.	3.6	0
117	Correlations in hot asymmetric nuclear matter. Physical Review C, 2005, 71, .	2.9	110
118	Ferromagnetic instabilities in neutron matter at finite temperature with the Skyrme interaction. Physical Review C, 2005, 71, .	2.9	61
119	Pairing in cold Fermi gases and Fermi-Bose mixtures. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, S165-S174.	1.5	6
120	K^{\pm}/K^0 ratio at GSI in hot and dense matter. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S537-S542.	3.6	0
121	High-Momentum Response of Liquid He3. Physical Review Letters, 2004, 92, 085301.	7.8	15
122	δ -bond energy from the Nijmegen potentials. Physical Review C, 2004, 70, .	2.9	27
123	Pairing in two-dimensional boson-fermion mixtures. Physical Review A, 2004, 69, .	2.5	15
124	Sum rules and short-range correlations in nuclear matter at finite temperature. Physical Review C, 2004, 69, .	2.9	11
125	Neutrino trapping effects on $\hat{\nu}$ -stable neutron star matter. Nuclear Physics A, 2003, 719, C173-C176.	1.5	3
126	Two-dimensional clusters of liquid ^4He . Physical Review B, 2003, 68, .	3.2	7

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127	Microscopic study of ^3He - ^4He trimers. <i>Physical Review A</i> , 2003, 68, .	2.5	7
128	K^+ ratio in heavy-ion collisions with an antikaon self-energy in hot and dense matter. <i>Physical Review C</i> , 2003, 68, .	2.9	20
129	Energy and structure of dilute hard- and soft-sphere gases. <i>Physical Review A</i> , 2003, 67, .	2.5	18
130	Reply to "Comment on 'The variational principle and simple properties of the ground-state wave function,'" by S. K. Foong, D. Kiang, and Y. Nogami [<i>Am. J. Phys.</i> 71 (7), 731 (2003)]. <i>American Journal of Physics</i> , 2003, 71, 732-732.	0.7	2
131	Microscopic study of neutrino trapping in hyperon stars. <i>Astronomy and Astrophysics</i> , 2003, 399, 687-693.	5.1	38
132	Antikaon nuclear potential in hot and dense matter. <i>Physical Review C</i> , 2002, 65, .	2.9	72
133	$\pi^-(1232)$ isobar excitations and the ground state of nuclei. <i>Physical Review C</i> , 2002, 65, .	2.9	5
134	Spin polarized neutron matter and magnetic susceptibility within the Brueckner-Hartree-Fock approximation. <i>Physical Review C</i> , 2002, 65, .	2.9	74
135	The variational principle and simple properties of the ground-state wave function. <i>American Journal of Physics</i> , 2002, 70, 808-810.	0.7	9
136	K^+ optical potential at finite temperature. <i>European Physical Journal D</i> , 2002, 52, B205-B210.	0.4	0
137	Dynamic Susceptibility of the Free Fermi Gas in 2D. <i>Journal of Low Temperature Physics</i> , 2002, 127, 29-49.	1.4	0
138	TWO-BODY CORRELATIONS AND THE ONE-BODY DENSITY MATRIX IN FINITE NUCLEI. , 2002, , .		0
139	Partial wave contributions to the antikaon potential at finite momentum. <i>Nuclear Physics A</i> , 2001, 690, 547-566.	1.5	76
140	Antikaons in nuclei and dense nuclear matter. <i>Nuclear Physics A</i> , 2001, 691, 258-267.	1.5	13
141	Hyperon effects on the properties of Λ^2 -stable neutron star matter. <i>Nuclear Physics A</i> , 2001, 691, 443-446.	1.5	2
142	Finite temperature dynamic susceptibility of the free Bose gas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 283, 136-145.	2.1	1
143	Pairing in asymmetric two-component fermion matter. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 290, 317-321.	2.1	11
144	A MICROSCOPIC LOOK AT LIQUID HELIUM: THE ^3He IMPURITY CASE. <i>International Journal of Modern Physics B</i> , 2001, 15, 1575-1590.	2.0	0

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145	Bose-Einstein condensates in the large-gas-parameter regime. <i>Physical Review A</i> , 2001, 64, .	2.5	36
146	Pairing with polarization effects in low-density neutron matter. <i>Physical Review C</i> , 2001, 63, .	2.9	39
147	$\hat{\Gamma}^{\pi}(1232)$ isobar excitations in nuclear many-body systems derived from various NN interactions. <i>Physical Review C</i> , 2001, 64, .	2.9	4
148	Hypernuclear structure with the new Nijmegen potentials. <i>Physical Review C</i> , 2001, 64, .	2.9	94
149	High-momentum dynamic structure function of liquid ${}^3\text{He}$ - ${}^4\text{He}$ mixtures: A microscopic approach. <i>Physical Review B</i> , 2001, 63, .	3.2	5
150	Finite temperature dynamic structure function of the free Bose gas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 276, 137-144.	2.1	0
151	Two-body correlations in nuclear systems. <i>Progress in Particle and Nuclear Physics</i> , 2000, 45, 243-334.	14.4	156
152	Strange nuclear matter within Brueckner-Hartree-Fock theory. <i>Physical Review C</i> , 2000, 61, .	2.9	93
153	Hyperon-hyperon interactions and properties of neutron star matter. <i>Physical Review C</i> , 2000, 62, .	2.9	146
154	Response of asymmetric nuclear matter to isospin-flip probes. <i>Nuclear Physics A</i> , 1999, 658, 327-342.	1.5	15
155	Finite temperature dynamic structure function of the free Fermi gas. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 263, 416-423.	2.1	4
156	Isospin symmetry breaking nucleon-nucleon potentials and nuclear structure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 445, 259-264.	4.1	25
157	Beyond the Gross-Pitaevskii approximation: Local density versus correlated basis approach for trapped bosons. <i>Physical Review A</i> , 1999, 60, 2319-2323.	2.5	68
158	Phase shifts and in-medium cross sections for dressed nucleons in nuclear matter. <i>Physical Review C</i> , 1999, 60, .	2.9	28
159	Correlations derived from modern nucleon-nucleon potentials. <i>Physical Review C</i> , 1999, 61, .	2.9	33
160	Phase shift equivalent NN potentials and the deuteron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 432, 1-7.	4.1	18
161	Hyperon properties in finite nuclei using realistic YN interactions. <i>Nuclear Physics A</i> , 1998, 644, 201-220.	1.5	47
162	On the Dirac structure of the nucleon self-energy in nuclear matter. <i>Nuclear Physics A</i> , 1998, 640, 471-489.	1.5	4

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163	^3He impurity excitation spectrum in liquid ^4He . Physical Review B, 1998, 58, 5209-5212.	3.2	6
164	Analysis of exchange terms in a projected extended random phase approximation theory applied to the quasielastic $(e, e\epsilon^2)$ reaction. Physical Review C, 1998, 58, 1052-1065.	2.9	8
165	Large-q neutron inclusive-scattering data from liquid ^4He . Physical Review B, 1998, 57, 5347-5357.	3.2	16
166	High-momentum proton removal from ^{16}O and the $(e, e\epsilon^2 p)$ cross section. Physical Review C, 1997, 55, 810-819.	2.9	23
167	Momentum distributions in ^3He - ^4He liquid mixtures. Physical Review B, 1997, 56, 11854-11864.	3.2	8
168	RPA susceptibility of asymmetric nuclear matter at finite temperatures with Skyrme interactions. Nuclear Physics A, 1997, 627, 460-480.	1.5	28
169	Disappearance of zero sound in asymmetric nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 1-7.	4.1	12
170	Modern nucleon-nucleon potentials and symmetry energy in infinite matter. Nuclear Physics A, 1997, 627, 85-100.	1.5	75
171	Correlations and the cross section of exclusive $(e, e\epsilon^2 p)$ reactions for ^{16}O . Nuclear Physics A, 1997, 625, 633-650.	1.5	13
172	Static properties of one ^3He impurity in superfluid ^4He . European Physical Journal D, 1996, 46, 271-272.	0.4	2
173	A microscopic study of the dynamics of dilute ^3He - ^4He mixtures. European Physical Journal D, 1996, 46, 305-306.	0.4	42
174	Self-energy of \hat{b} in finite nuclei. Nuclear Physics A, 1996, 605, 458-474.	1.5	25
175	Finite temperature RPA in symmetric nuclear matter with Skyrme interactions. Nuclear Physics A, 1996, 597, 1-18.	1.5	25
176	Long-range correlations and the momentum distribution in nuclei. Nuclear Physics A, 1996, 604, 245-262.	1.5	17
177	Coherent and incoherent dynamic structure functions of the free Fermi gas. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 220, 251-257.	2.1	5
178	Final-state effects on superfluid ^4He in the deep inelastic regime. Physical Review B, 1996, 53, 5661-5669.	3.2	23
179	Continuum random phase approximation method applied to the inclusive transverse electron scattering response. Physical Review C, 1996, 54, 2959-2966.	2.9	13
180	Microscopic approach to the response of ^3He - ^4He mixtures. Physical Review B, 1996, 54, 10035-10045.	3.2	11

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181	SOME CONSEQUENCES OF DRESSING NUCLEONS. International Journal of Modern Physics E, 1996, 05, 461-487.	1.0	5
182	COLD NEUTRON AND NUCLEAR MATTER WITH EFFECTIVE AND REALISTIC INTERACTIONS. International Journal of Modern Physics E, 1996, 05, 353-364.	1.0	1
183	Comparison of the effective interaction to various orders in different mass regions. Journal of Physics G: Nuclear and Particle Physics, 1996, 22, 321-329.	3.6	16
184	Short-range correlations and the one-body density matrix in finite nuclei. Nuclear Physics A, 1995, 594, 117-136.	1.5	19
185	Short range correlations and spectral functions for nuclear matter and finite nuclei. Progress in Particle and Nuclear Physics, 1995, 34, 371-380.	14.4	3
186	Momentum distribution in nuclear matter and finite nuclei. Physical Review C, 1995, 52, 2955-2968.	2.9	46
187	Momentum and energy distributions of nucleons in finite nuclei due to short-range correlations. Physical Review C, 1995, 51, 3040-3051.	2.9	75
188	Dynamic Structure Function of ^3He - ^4He Mixtures in the Deep Inelastic Regime. , 1995, , 101-107.		0
189	Single Particle Spectral Function for Finite Nuclei. Few-Body Systems, 1995, , 54-59.	0.2	0
190	Width of the $\hat{\Gamma}^*$ resonance in nuclei. Physical Review C, 1994, 50, 501-504.	2.9	15
191	Effective mass of one ^4He atom in liquid ^3He . Physical Review B, 1994, 50, 4248-4251.	3.2	290
192	Binding energy of one ^4He impurity in liquid ^3He . Journal of Low Temperature Physics, 1994, 94, 325-349.	1.4	51
193	Dynamic structure function in ^3He - ^4He mixtures. Physica B: Condensed Matter, 1994, 194-196, 859-860.	2.7	0
194	Spectral and thermodynamical properties of symmetric nuclear matter with Gogny interaction. Nuclear Physics A, 1994, 578, 147-167.	1.5	8
195	Energy weighted sum rules for spectral functions in nuclear matter. Physical Review C, 1994, 49, 3050-3054.	2.9	19
196	Structure Properties of the ^3He - ^4He mixture at $T = 0$ K. Journal of Low Temperature Physics, 1993, 91, 275-297.	1.4	60
197	Isobar contributions to the imaginary part of the optical-model potential for finite nuclei. Nuclear Physics A, 1993, 551, 580-610.	1.5	5
198	Influence of tensor and short-range correlations on nucleon properties in the nuclear medium. Nuclear Physics A, 1993, 555, 1-32.	1.5	65

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199	Dynamic structure function in ^3He mixtures. <i>Physical Review B</i> , 1993, 48, 7409-7418.	3.2	15
200	Magnetic and Pairing Properties of Liquid ^3He : A Density Functional Approach. , 1993, , 205-214.		0
201	A density functional model for the surface properties of liquid ^4He . <i>Journal of Physics Condensed Matter</i> , 1992, 4, 667-678.	1.8	21
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