

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
g-index

246
all docs

246
docs citations

246
times ranked

2067
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective mass of oneHe4atom in liquidHe3. Physical Review B, 1994, 50, 4248-4251.	3.2	290
2	Density dependence of the nuclear symmetry energy: A microscopic perspective. Physical Review C, 2009, 80, .	2.9	181
3	Two-body correlations in nuclear systems. Progress in Particle and Nuclear Physics, 2000, 45, 243-334.	14.4	156
4	Hyperon-hyperon interactions and properties of neutron star matter. Physical Review C, 2000, 62, .	2.9	146
5	Single-particle properties and short-range correlations in nuclear matter. Nuclear Physics A, 1989, 503, 1-52.	1.5	145
6	Estimation of the effect of hyperonic three-body forces on the maximum mass of neutron stars. Europhysics Letters, 2011, 94, 11002.	2.0	141
7	Maximum mass of neutron stars. Physical Review C, 2006, 73, .	2.9	138
8	Correlations in hot asymmetric nuclear matter. Physical Review C, 2005, 71, .	2.9	110
9	Self-consistent Green's functions formalism with three-body interactions. Physical Review C, 2013, 88, .	2.9	103
10	Pairing in a two-component ultracold Fermi gas: Phases with broken-space symmetries. Physical Review A, 2005, 72, .	2.5	95
11	Hypernuclear structure with the new Nijmegen potentials. Physical Review C, 2001, 64, .	2.9	94
12	Strange nuclear matter within Brueckner-Hartree-Fock theory. Physical Review C, 2000, 61, .	2.9	93
13	Symmetric nuclear matter with chiral three-nucleon forces in the self-consistent Green's functions approach. Physical Review C, 2013, 88, .	2.9	93
14	Density and isospin-asymmetry dependence of high-momentum components. Physical Review C, 2014, 89, .	2.9	87
15	Correlated density-dependent chiral forces for infinite-matter calculations within the Green's function approach. Physical Review C, 2014, 90, .	2.9	81
16	Macroscopic self-trapping in Bose-Einstein condensates: Analysis of a dynamical quantum phase transition. Physical Review A, 2010, 81, .	2.5	77
17	Partial wave contributions to the antikaon potential at finite momentum. Nuclear Physics A, 2001, 690, 547-566.	1.5	76
18	Momentum and energy distributions of nucleons in finite nuclei due to short-range correlations. Physical Review C, 1995, 51, 3040-3051.	2.9	75

#	ARTICLE	IF	CITATIONS
19	Modern nucleon-nucleon potentials and symmetry energy in infinite matter. Nuclear Physics A, 1997, 627, 85-100.	1.5	75
20	Spin polarized neutron matter and magnetic susceptibility within the Brueckner-Hartree-Fock approximation. Physical Review C, 2002, 65, .	2.9	74
21	Nuclear symmetry energy and the role of the tensor force. Physical Review C, 2011, 84, .	2.9	74
22	Antikaon nuclear potential in hot and dense matter. Physical Review C, 2002, 65, .	2.9	72
23	Dynamic generation of spin-squeezed states in bosonic Josephson junctions. Physical Review A, 2012, 86, .	2.5	71
24	Beyond the Gross-Pitaevskii approximation: Local density versus correlated basis approach for trapped bosons. Physical Review A, 1999, 60, 2319-2323.	2.5	68
25	Depletion of the nuclear Fermi sea. Physical Review C, 2009, 79, .	2.9	66
26	Influence of tensor and short-range correlations on nucleon properties in the nuclear medium. Nuclear Physics A, 1993, 555, 1-32.	1.5	65
27	Comparative study of neutron and nuclear matter with simplified Argonne nucleon-nucleon potentials. Physical Review C, 2012, 86, .	2.9	65
28	Pairing in high-density neutron matter including short- and long-range correlations. Physical Review C, 2016, 94, .	2.9	65
29	Hot neutron matter from a self-consistent Green's-functions approach. Physical Review C, 2009, 79, .	2.9	62
30	Ferromagnetic instabilities in neutron matter at finite temperature with the Skyrme interaction. Physical Review C, 2005, 71, .	2.9	61
31	Structure Properties of the ^3He - ^4He mixture at $T = 0$ K. Journal of Low Temperature Physics, 1993, 91, 275-297.	1.4	60
32	Bound pair states in nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 253, 1-8.	4.1	58
33	Λ hyperons and the neutron drip line. Physical Review C, 2008, 78, .	2.9	57
34	Dynamics of ^87Rb condensates at finite temperatures. Physical Review A, 2006, 73, .	2.5	53
35	Binding energy of one ^4He impurity in liquid ^3He . Journal of Low Temperature Physics, 1994, 94, 325-349.	1.4	51
36	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

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37	Josephson physics of spin-orbit-coupled elongated Bose-Einstein condensates. Physical Review A, 2014, 89, .	2.5	48
38	Hyperon properties in finite nuclei using realistic YN interactions. Nuclear Physics A, 1998, 644, 201-220.	1.5	47
39	Josephson oscillations in binary mixtures of $F=1$ spinor Bose-Einstein condensates. Physical Review A, 2009, 80, .	2.5	47
40	High-momentum components in the nuclear symmetry energy. Europhysics Letters, 2012, 97, 22001.	2.0	47
41	Distinguishability, degeneracy, and correlations in three harmonically trapped bosons in one dimension. Physical Review A, 2014, 90, .	2.5	47
42	Distribution of single-particle strength due to short-range and tensor correlations. Physical Review C, 1991, 44, R1265-R1268.	2.9	46
43	Momentum distribution in nuclear matter and finite nuclei. Physical Review C, 1995, 52, 2955-2968.	2.9	46
44	Fast generation of spin-squeezed states in bosonic Josephson junctions. Physical Review A, 2012, 86, .	2.5	43
45	A microscopic study of the dynamics of dilute $^3\text{He}-^4\text{He}$ mixtures. European Physical Journal D, 1996, 46, 305-306.	0.4	42
46	Liquid-gas phase transition in nuclear matter from realistic many-body approaches. Physical Review C, 2008, 78, .	2.9	42
47	Quantum correlations and spatial localization in one-dimensional ultracold bosonic mixtures. New Journal of Physics, 2014, 16, 103004.	2.9	41
48	Pairing with polarization effects in low-density neutron matter. Physical Review C, 2001, 63, .	2.9	39
49	Microscopic study of neutrino trapping in hyperon stars. Astronomy and Astrophysics, 2003, 399, 687-693.	5.1	38
50	Weakly linked binary mixtures of $F=1$ ^{87}Rb Bose-Einstein condensates. New Journal of Physics, 2011, 13, 033012.	2.9	37
51	Sharp crossover from composite fermionization to phase separation in microscopic mixtures of ultracold bosons. Physical Review A, 2013, 88, .	2.5	37
52	Bose-Einstein condensates in the large-gas-parameter regime. Physical Review A, 2001, 64, .	2.5	36
53	RPA sum rules for giant resonances at finite temperature. Nuclear Physics A, 1985, 444, 445-459.	1.5	35
54	Effects of short-range correlations on the self-energy in the optical model of finite nuclei. Nuclear Physics A, 1992, 539, 189-208.	1.5	35

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55	Bose-Einstein condensates on slightly asymmetric double-well potentials. <i>Physical Review A</i> , 2010, 81, .	2.5	35
56	Microscopic predictions of the nuclear matter liquid-gas phase transition. <i>Physical Review C</i> , 2018, 98, .	2.9	35
57	Correlations derived from modern nucleon-nucleon potentials. <i>Physical Review C</i> , 1999, 61, .	2.9	33
58	Variational study of He3-He4 mixtures. <i>Physical Review B</i> , 1982, 25, 4533-4540.	3.2	29
59	Spinor Bose-Einstein condensates in a double well: Population transfer and Josephson oscillations. <i>Physical Review A</i> , 2009, 80, .	2.5	29
60	RPA susceptibility of asymmetric nuclear matter at finite temperatures with Skyrme interactions. <i>Nuclear Physics A</i> , 1997, 627, 460-480.	1.5	28
61	Phase shifts and in-medium cross sections for dressed nucleons in nuclear matter. <i>Physical Review C</i> , 1999, 60, .	2.9	28
62	Brueckner theory and Jastrow approach for finite nuclei. <i>Nuclear Physics A</i> , 1981, 371, 79-92.	1.5	27
63	Three-body forces in sd-shell nuclei. <i>Nuclear Physics A</i> , 1983, 401, 124-142.	1.5	27
64	$\hat{h}\hat{h}$ bond energy from the Nijmegen potentials. <i>Physical Review C</i> , 2004, 70, .	2.9	27
65	Ferromagnetic instabilities in neutron matter at finite temperature with the Cogny interaction. <i>Physical Review C</i> , 2006, 74, .	2.9	27
66	The excited dipole resonance: A finite-temperature sum rule approach. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 154, 96-100.	4.1	26
67	Self-energy of \hat{h} in finite nuclei. <i>Nuclear Physics A</i> , 1996, 605, 458-474.	1.5	25
68	Finite temperature RPA in symmetric nuclear matter with Skyrme interactions. <i>Nuclear Physics A</i> , 1996, 597, 1-18.	1.5	25
69	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
70	Entropy of a correlated system of nucleons. <i>Physical Review C</i> , 2006, 74, .	2.9	25
71	Effective three-nucleon forces from the folded diagram expansion. <i>Nuclear Physics A</i> , 1985, 435, 548-568.	1.5	24
72	Microscopic calculations of the excitation spectrum of one He3 impurity in liquid He4. <i>Physical Review B</i> , 1986, 33, 6057-6067.	3.2	24

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73	Spin-orbit and tensor interactions in homogeneous matter of nucleons: accuracy of modern many-body theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 609, 232-240.	4.1	24
74	Microscopic calculations of transport properties of neutron matter. <i>Physical Review C</i> , 2010, 81, .	2.9	24
75	Microscopic self-energy of ^{40}Ca from the charge-dependent Bonn potential. <i>Physical Review C</i> , 2011, 84, .	2.9	24
76	Final-state effects on superfluid ^4He in the deep inelastic regime. <i>Physical Review B</i> , 1996, 53, 5661-5669.	3.2	23
77	High-momentum proton removal from ^{16}O and the $(e, e'p)$ cross section. <i>Physical Review C</i> , 1997, 55, 810-819.	2.9	23
78	Measure synchronization in quantum many-body systems. <i>Physical Review A</i> , 2014, 90, .	2.5	23
79	Hole-hole propagation and saturation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 219, 15-21.	4.1	22
80	Predicting Spinor Condensate Dynamics from Simple Principles. <i>Physical Review Letters</i> , 2007, 99, 020404.	7.8	22
81	Tensor force effects and high-momentum components in the nuclear symmetry energy. <i>European Physical Journal A</i> , 2014, 50, 1.	2.5	22
82	Fragmented condensation in Bose-Hubbard trimers with tunable tunnelling. <i>New Journal of Physics</i> , 2015, 17, 073014.	2.9	22
83	The surface tension of liquid ^3He above 200 mK: A density functional approach. <i>Journal of Low Temperature Physics</i> , 1990, 80, 77-88.	1.4	21
84	Binding energy and momentum distribution of nuclear matter using Green's function methods. <i>Physical Review C</i> , 1991, 43, 2239-2253.	2.9	21
85	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
86	Vortices in atomic Bose-Einstein condensates in the large-gas-parameter region. <i>Physical Review A</i> , 2005, 71, .	2.5	21
87	Neutron Fermi liquids under the presence of a strong magnetic field with effective nuclear forces. <i>Physical Review C</i> , 2009, 80, .	2.9	21
88	Shortcut to adiabaticity in internal bosonic Josephson junctions. <i>Physical Review A</i> , 2013, 88, .	2.5	21
89	K^*/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
90	Energy weighted sum rules for spectral functions in nuclear matter. <i>Physical Review C</i> , 1994, 49, 3050-3054.	2.9	19

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91	Short-range correlations and the one-body density matrix in finite nuclei. Nuclear Physics A, 1995, 594, 117-136.	1.5	19
92	Hybrid synchronization in coupled ultracold atomic gases. Physical Review A, 2015, 92, .	2.5	19
93	Phaseshift equivalent NN potentials and the deuteron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 432, 1-7.	4.1	18
94	Energy and structure of dilute hard- and soft-sphere gases. Physical Review A, 2003, 67, .	2.5	18
95	Ferromagnetic transition of a two-component Fermi gas of hard spheres. Physical Review A, 2012, 85, .	2.5	18
96	Spin instabilities of infinite nuclear matter and effective tensor interactions. Physical Review C, 2013, 87, .	2.9	18
97	Quantum correlations and degeneracy of identical bosons in a two-dimensional harmonic trap. Physical Review A, 2017, 96, .	2.5	18
98	Long-range correlations and the momentum distribution in nuclei. Nuclear Physics A, 1996, 604, 245-262.	1.5	17
99	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
100	Beyond standard two-mode dynamics in bosonic Josephson junctions. Physical Review A, 2010, 82, .	2.5	17
101	Saturation properties of helium drops from a leading-order description. Physical Review A, 2017, 96, .	2.5	17
102	Comparison of the effective interaction to various orders in different mass regions. Journal of Physics C: Nuclear and Particle Physics, 1996, 22, 321-329.	3.6	16
103	Large-q-neutron inclusive-scattering data from liquid ⁴ He. Physical Review B, 1998, 57, 5347-5357.	3.2	16
104	The effect of the in-medium $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	4.1	16
105	Effect of hyperonic three-body forces on the maximum mass of neutron stars. Journal of Physics: Conference Series, 2012, 342, 012006.	0.4	16
106	Elastic nucleon-nucleus scattering as a direct probe of correlations beyond the independent-particle model. Physical Review C, 2014, 90, .	2.9	16
107	Variational calculation of the binding energy of one ³ He impurity in liquid ⁴ He. Journal of Low Temperature Physics, 1989, 74, 347-364.	1.4	15
108	Dynamic structure function in ^3He mixtures. Physical Review B, 1993, 48, 7409-7418.	3.2	15

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109	Width of the $\hat{\Gamma}$ resonance in nuclei. <i>Physical Review C</i> , 1994, 50, 501-504.	2.9	15
110	Response of asymmetric nuclear matter to isospin-flip probes. <i>Nuclear Physics A</i> , 1999, 658, 327-342.	1.5	15
111	High-Momentum Response of LiquidHe3. <i>Physical Review Letters</i> , 2004, 92, 085301.	7.8	15
112	Pairing in two-dimensional boson-fermion mixtures. <i>Physical Review A</i> , 2004, 69, .	2.5	15
113	Mesoscopic superpositions of Tonks-Girardeau states and the Bose-Fermi mapping. <i>Physical Review A</i> , 2015, 92, .	2.5	15
114	Quantum properties of a binary bosonic mixture in a double well. <i>Physical Review A</i> , 2016, 93, .	2.5	15
115	Matter-wave recombiners for trapped Bose-Einstein condensates. <i>Physical Review A</i> , 2016, 93, .	2.5	15
116	Shortcut to adiabaticity in spinor condensates. <i>Physical Review A</i> , 2016, 94, .	2.5	15
117	Pairing and Short-Range Correlations in Nuclear Systems. <i>Journal of Low Temperature Physics</i> , 2017, 189, 234-249.	1.4	15
118	Cluster expansions for correlated finite nuclei: The normalization integral. <i>Nuclear Physics A</i> , 1980, 342, 385-403.	1.5	14
119	Bulk and single-particle properties of hyperonic matter at finite temperature. <i>Physical Review C</i> , 2005, 72, .	2.9	14
120	Spin-polarized ^3He : liquid gas equilibrium. <i>Journal De Physique</i> , 1987, 48, 1337-1350.	1.8	14
121	Few bosons to many bosons inside the unitary window: A transition between universal and nonuniversal behavior. <i>Physical Review A</i> , 2020, 102, .	2.5	14
122	Boson-boson mixtures and triplet correlations. <i>Physical Review B</i> , 1984, 30, 1200-1204.	3.2	13
123	Continuum random phase approximation method applied to the inclusive transverse electron scattering response. <i>Physical Review C</i> , 1996, 54, 2959-2966.	2.9	13
124	Correlations and the cross section of exclusive $(e, e\hat{\epsilon}^2p)$ reactions for ^{16}O . <i>Nuclear Physics A</i> , 1997, 625, 633-650.	1.5	13
125	Antikaons in nuclei and dense nuclear matter. <i>Nuclear Physics A</i> , 2001, 691, 258-267.	1.5	13
126	Anomalous Specific-Heat Jump in a Two-Component Ultracold Fermi Gas. <i>Physical Review Letters</i> , 2006, 97, 140404.	7.8	13

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127	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
128	Microscopic approach to the response of ^4He mixtures. Physical Review B, 1996, 54, 10035-10045.	3.2	11
129	Pairing in asymmetric two-component fermion matter. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 290, 317-321.	2.1	11
130	Sum rules and short-range correlations in nuclear matter at finite temperature. Physical Review C, 2004, 69, .	2.9	11
131	Latent heat of nuclear matter. Physical Review C, 2011, 83, .	2.9	11
132	Few-boson localization in a continuum with speckle disorder. Physical Review A, 2019, 100, .	2.5	11
133	Static and Dynamic Properties of a Few Spin 1/2 Interacting Fermions Trapped in a Harmonic Potential. Mathematics, 2020, 8, 1196.	2.2	11
134	The nuclear-matter problem with central spin- and isospin-dependent potentials. Il Nuovo Cimento A, 1978, 44, 414-426.	0.2	10
135	Three-body forces from the intermediate $N^*(1470)$ state. Nuclear Physics A, 1981, 364, 461-476.	1.5	10
136	Ground-state properties of a dilute homogeneous Bose gas of hard disks in two dimensions. Physical Review A, 2005, 71, .	2.5	10
137	Spectra of sd-shell nuclei and three-nucleon forces. Nuclear Physics A, 1984, 427, 511-525.	1.5	9
138	The variational principle and simple properties of the ground-state wave function. American Journal of Physics, 2002, 70, 808-810.	0.7	9
139	Quantum and thermal fluctuations in bosonic Josephson junctions. Physical Review A, 2013, 88, .	2.5	9
140	Self-consistent medium polarization in spin-polarized ^3He . Physical Review B, 1987, 36, 5138-5151.	3.2	8
141	Model-independent bounds for the potential and kinetic energy of liquid ^4He at zero temperature. Physical Review B, 1989, 39, 2700-2702.	3.2	8
142	Spectral and thermodynamical properties of symmetric nuclear matter with Gogny interaction. Nuclear Physics A, 1994, 578, 147-167.	1.5	8
143	Momentum distributions in ^3He - ^4He liquid mixtures. Physical Review B, 1997, 56, 11854-11864.	3.2	8
144	Analysis of exchange terms in a projected extended random phase approximation theory applied to the quasielastic (e, e') reaction. Physical Review C, 1998, 58, 1052-1065.	2.9	8

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145	Thermal spin fluctuations in spinor Bose-Einstein condensates. <i>Physical Review A</i> , 2013, 87, .	2.5	8
146	Robustness of discrete semifluxons in closed Bose-Hubbard chains. <i>New Journal of Physics</i> , 2016, 18, 075005.	2.9	8
147	Thermodynamic instabilities of nuclear matter at finite temperature with finite range effective interactions. <i>Nuclear Physics A</i> , 1992, 545, 247-257.	1.5	7
148	Two-dimensional clusters of liquid ^4He . <i>Physical Review B</i> , 2003, 68, .	3.2	7
149	Microscopic study of ^4He - $^3\text{SF}_6$ trimers. <i>Physical Review A</i> , 2003, 68, .	2.5	7
150	Sum rules and correlations in asymmetric nuclear matter. <i>Physical Review C</i> , 2006, 73, .	2.9	7
151	Energy-weighted sum rules for mesons in hot and dense matter. <i>Physical Review C</i> , 2009, 80, .	2.9	7
152	Spin-driven spatial symmetry breaking of spinor condensates in a double well. <i>Physical Review A</i> , 2012, 86, .	2.5	7
153	Effective-interaction approach to the Fermi hard-sphere system. <i>Physical Review C</i> , 2015, 91, .	2.9	7
154	Fermionic Properties of Two Interacting Bosons in a Two-Dimensional Harmonic Trap. <i>Condensed Matter</i> , 2018, 3, 9.	1.8	7
155	Supervised learning of few dirty bosons with variable particle number. <i>SciPost Physics</i> , 2021, 10, .	4.9	7
156	Variational approach to the fermi hard-sphere system. <i>Il Nuovo Cimento A</i> , 1980, 56, 33-43.	0.2	6
157	Density matrices and momentum distributions in ^3He - ^4He mixtures. <i>Physical Review B</i> , 1982, 26, 1438-1441.	3.2	6
158	A density functional description of spin and pairing properties in liquid ^3He . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992, 171, 119-124.	2.1	6
159	^3He impurity excitation spectrum in liquid ^4He . <i>Physical Review B</i> , 1998, 58, 5209-5212.	3.2	6
160	Pairing in cold Fermi gases and Fermi-Bose mixtures. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, S165-S174.	1.5	6
161	Josephson tunneling of binary mixtures of spinor BECs. <i>Laser Physics</i> , 2010, 20, 1163-1168.	1.2	6
162	Role of correlations in spin-polarized neutron matter. <i>Physical Review C</i> , 2016, 94, .	2.9	6

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163	FHNC calculations of momentum distribution. Lettere Al Nuovo Cimento Rivista Internazionale Della SocietÀ Italiana Di Fisica, 1980, 28, 283-288.	0.4	5
164	Isobar contributions to the imaginary part of the optical-model potential for finite nuclei. Nuclear Physics A, 1993, 551, 580-610.	1.5	5
165	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
166	SOME CONSEQUENCES OF DRESSING NUCLEONS. International Journal of Modern Physics E, 1996, 05, 461-487.	1.0	5
167	High-momentum dynamic structure function of liquid ^3He - ^4He mixtures: A microscopic approach. Physical Review B, 2001, 63, .	3.2	5
168	$\hat{\rho}^*(1232)$ isobar excitations and the ground state of nuclei. Physical Review C, 2002, 65, .	2.9	5
169	Density functional study of two-dimensional He_4 clusters. Physical Review B, 2005, 72, .	3.2	5
170	Transport properties of the Fermi hard-sphere system. Physical Review C, 2016, 93, .	2.9	5
171	Comparison of nuclear Hamiltonians using spectral function sum rules. Physical Review C, 2017, 96, .	2.9	5
172	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
173	Pairing in nuclear matter and finite nuclei. Physical Review C, 2019, 99, .	2.9	5
174	Model calculations in correlated finite nuclei. Il Nuovo Cimento A, 1980, 59, 419-432.	0.2	4
175	Many-body terms in the folded diagram expansion. Nuclear Physics A, 1985, 442, 68-78.	1.5	4
176	Effective interaction for the shell model in the $1p_{1/2}$ shell. Nuclear Physics A, 1990, 518, 421-440.	1.5	4
177	On the Dirac structure of the nucleon self-energy in nuclear matter. Nuclear Physics A, 1998, 640, 471-489.	1.5	4
178	Finite temperature dynamic structure function of the free Fermi gas. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 263, 416-423.	2.1	4
179	$\hat{\rho}^*(1232)$ isobar excitations in nuclear many-body systems derived from various NN interactions. Physical Review C, 2001, 64, .	2.9	4
180	Improved Variational Approach to the Two-Site Bose-Hubbard Model. Journal of Low Temperature Physics, 2011, 165, 180-194.	1.4	4

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181	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
182	Neutrino trapping effects on $\hat{\Lambda}^2$ -stable neutron star matter. Nuclear Physics A, 2003, 719, C173-C176.	1.5	3
183	Spin mixing in colliding spinor condensates: Formation of an effective barrier. Europhysics Letters, 2008, 84, 60005.	2.0	3
184	Publisher's Note: Latent heat of nuclear matter [Phys. Rev. C83, 024308 (2011)]. Physical Review C, 2011, 83, .	2.9	3
185	Dynamic structure function of two interacting atoms in 1D. Europhysics Letters, 2019, 127, 56001.	2.0	3
186	Functional renormalization for repulsive Bose-Bose mixtures at zero temperature. Physical Review A, 2021, 103, .	2.5	3
187	Liquid-gas phase transition in ^3He . Journal De Physique, 1987, 48, 911-914.	1.8	3
188	A new sum rule for the two-body distribution function of an infinite saturated fermion system. Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica, 1979, 26, 511-514.	0.4	2
189	Monopole resonances and Jastrow correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 118, 13-15.	4.1	2
190	Static properties of one ^3He impurity in superfluid ^4He . European Physical Journal D, 1996, 46, 271-272.	0.4	2
191	Hyperon effects on the properties of $\hat{\Lambda}^2$ -stable neutron star matter. Nuclear Physics A, 2001, 691, 443-446.	1.5	2
192	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 [Am. J. Phys. 71 (7), 731 (2003)]. American Journal of Physics, 2003, 71, 732-732.	0.7	2
193	In-medium effects on the ratio at GSI. Nuclear Physics A, 2005, 754, 356-360.	1.5	2
194	CORRELATIONS IN HOT ASYMMETRIC NUCLEAR MATTER. International Journal of Modern Physics B, 2006, 20, 5346-5356.	2.0	2
195	The entropy of a correlated system of nucleons. Nuclear Physics A, 2007, 782, 346-349.	1.5	2
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