

Robert Wiringa

List of Publications by Year in descending order

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94433

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear Charge Radii of B . Physical Review Letters, 2010, 103, 102501.	7.8	24
2	Quantum Monte Carlo methods for nuclear physics. Reviews of Modern Physics, 2015, 87, 1067-1118.	45.6	553
3	Equivalence Principle and Bound Kinetic Energy. Physical Review Letters, 2013, 111, 151102.	7.8	73
4	Knockout Reactions from p -Shell Nuclei: Tests of Ab Initio Structure Models. Physical Review Letters, 2011, 106, 162502.	7.8	31
5	Precise Electromagnetic Tests of Ab Initio Calculations of Light Nuclei: States in Be . Physical Review Letters, 2009, 103, 192501.	7.8	41
6	Tensor Forces and the Ground-State Structure of Nuclei. Physical Review Letters, 2007, 98, 132501.	7.8	208
7	Modern theories of low-energy astrophysical reactions. Nuclear Physics A, 2006, 777, 111-136.	1.5	36
8	Neutron matter: a superfluid gas. Nuclear Physics A, 2004, 746, 215-221.	1.5	25
9	Ab initio calculations of light nuclei. Nuclear Physics News, 2003, 13, 17-23.	0.4	22
10	Evolution of Nuclear Spectra with Nuclear Forces. Physical Review Letters, 2002, 89, 182501.	7.8	275
11	Quantum Monte Carlo Calculations of Light Nuclei. Progress of Theoretical Physics Supplement, 2002, 146, 403-412.	0.1	2
12	QUANTUMMONTECARLOCALCULATIONS OFLIGHTNUCLEI. Annual Review of Nuclear and Particle Science, 2001, 51, 53-90.	10.2	619
13	Nuclear Structure Studies with the ${}^7\text{Li}(e,e^2p)$ Reaction. Physical Review Letters, 1999, 82, 4404-4407.	7.8	53
14	Quantum Monte Carlo calculations for light nuclei. Nuclear Physics A, 1998, 631, 70-90.	1.5	47
15	Microscopic Calculation of ${}^6\text{Li}$ Elastic and Transition Form Factors. Physical Review Letters, 1998, 81, 4317-4320.	7.8	51
16	Weak capture of protons by protons. Physical Review C, 1998, 58, 1263-1277.	2.9	106
17	Quantum Monte Carlo calculations of nuclei with $A \sim 7$. Physical Review C, 1997, 56, 1720-1750.	2.9	910
18	Femtometer toroidal structures in nuclei. Physical Review C, 1996, 54, 646-667.	2.9	139

#	ARTICLE	IF	CITATIONS
19	Three-body correlations in few-body nuclei. <i>Physical Review C</i> , 1995, 52, 2362-2368.	2.9	43
20	Accurate nucleon-nucleon potential with charge-independence breaking. <i>Physical Review C</i> , 1995, 51, 38-51.	2.9	2,667
21	Quantum Monte Carlo Calculations of ^6Li Nuclei. <i>Physical Review Letters</i> , 1995, 74, 4396-4399.	7.8	689
22	Isovector spin-longitudinal and -transverse response of nuclei. <i>Physical Review C</i> , 1994, 49, 789-801.	2.9	26
23	Coulomb sum and proton-proton correlations in few-body nuclei. <i>Physical Review Letters</i> , 1993, 70, 3856-3859.	7.8	33
24	From deuterons to neutron stars: variations in nuclear many-body theory. <i>Reviews of Modern Physics</i> , 1993, 65, 231-242.	45.6	42
25	Effects of \hat{T}^n -isobar degrees of freedom on low-energy electroweak transitions in few-body nuclei. <i>Physical Review C</i> , 1992, 45, 2628-2639.	2.9	57
26	Variational calculation of the ground state of ^16O . <i>Physical Review C</i> , 1992, 46, 1741-1756.	2.9	193
27	Monte Carlo calculations of few-body and light nuclei. <i>Nuclear Physics A</i> , 1992, 543, 199-211.	1.5	7
28	Weak proton capture reactions on ^1H and ^3He and tritium \hat{T}^2 decay. <i>Physical Review C</i> , 1991, 44, 619-625.	2.9	57
29	Variational calculations of few-body nuclei. <i>Physical Review C</i> , 1991, 43, 1585-1598.	2.9	145
30	Ground state of ^16O . <i>Physical Review Letters</i> , 1990, 64, 364-367.	7.8	46
31	Radiative neutron capture on ^3He . <i>Physical Review C</i> , 1990, 42, 830-836.	2.9	36
32	Equation of state for dense nucleon matter. <i>Physical Review C</i> , 1988, 38, 1010-1037.	2.9	854
33	Single-particle potential in dense nuclear matter. <i>Physical Review C</i> , 1988, 38, 2967-2970.	2.9	63
34	Structure functions and correlations in nuclei. <i>Nuclear Physics A</i> , 1987, 473, 267-289.	1.5	87
35	Momentum distributions in $A = 3$ and 4 nuclei. <i>Nuclear Physics A</i> , 1986, 449, 219-242.	1.5	403
36	Variational Monte Carlo calculations of ground states of liquid ^4He and ^3He drops. <i>Physical Review B</i> , 1986, 34, 4571-4582.	3.2	180

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37	Pair distributions and energy-density functionals for liquidHe4drops. Physical Review B, 1985, 32, 3341-3344.	3.2	34
38	Brueckner-Bethe and variational calculations of nuclear matter. Physical Review C, 1985, 32, 1057-1062.	2.9	112
39	Pion density in nuclei and deep-inelastic lepton scattering. Physical Review D, 1984, 29, 398-411.	4.7	121
40	Nucleon-nucleon potentials with and without \hat{P}^n (1232)degrees of freedom. Physical Review C, 1984, 29, 1207-1221.	2.9	586
41	Variational calculations of resonant states in 4He. Nuclear Physics A, 1984, 424, 47-59.	1.5	48
42	Interplay between two- and three-body interaction in light nuclei and nuclear matter. Nuclear Physics A, 1983, 401, 86-92.	1.5	37
43	Three-nucleon interaction in 3-, 4- and $\hat{\alpha}$ -body systems. Nuclear Physics A, 1983, 401, 59-85.	1.5	391
44	Calculations of Pion Excess in Nuclei. Physical Review Letters, 1983, 51, 763-766.	7.8	107
45	Calculations of Ground-State Properties of LiquidHe4Droplets. Physical Review Letters, 1983, 50, 1676-1679.	7.8	185
46	Accuracy and convergence of a variational theory of nuclear matter for $\hat{P}^{1/2}$ models. Nuclear Physics A, 1980, 338, 57-76.	1.5	15
47	A variational theory of nuclear matter (III). Nuclear Physics A, 1979, 317, 1-22.	1.5	39
48	Variations on a theme of nuclear matter. Reviews of Modern Physics, 1979, 51, 821-861.	45.6	399
49	Variational calculations of models of nuclear and neutron matter. Nuclear Physics A, 1979, 328, 113-126.	1.5	10
50	A variational theory of nuclear matter (II). Nuclear Physics A, 1978, 299, 1-38.	1.5	48
51	A variational theory of nuclear matter. Nuclear Physics A, 1976, 266, 269-316.	1.5	60