

B Alex Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5320474/publications.pdf>

Version: 2024-02-01

420
papers

20,753
citations

10986

71
h-index

14208

128
g-index

423
all docs

423
docs citations

423
times ranked

3431
citing authors

#	ARTICLE	IF	CITATIONS
1	Status of the Nuclear Shell Model. Annual Review of Nuclear and Particle Science, 1988, 38, 29-66.	10.2	774
2	Neutron Radii in Nuclei and the Neutron Equation of State. Physical Review Letters, 2000, 85, 5296-5299.	7.8	690
3	Mass systematics for $A=29$ – 44 nuclei: The deformed $A \approx 32$ region. Physical Review C, 1990, 41, 1147-1166.	2.9	604
4	Magic Numbers in Exotic Nuclei and Spin-Isospin Properties of the NN Interaction. Physical Review Letters, 2001, 87, 082502.	7.8	604
5	Effective interactions for the $0p1s0d$ nuclear shell-model space. Physical Review C, 1992, 46, 923-944.	2.9	552
6	New α -USD Hamiltonians for the sd shell. Physical Review C, 2006, 74, .	2.9	521
7	New effective interaction for pf -shell nuclei and its implications for the stability of the $N=Z=28$ closed core. Physical Review C, 2004, 69, .	2.9	473
8	New Skyrme interaction for normal and exotic nuclei. Physical Review C, 1998, 58, 220-231.	2.9	424
9	Shell-model description of neutron-rich pf -shell nuclei with a new effective interaction GXPF 1. European Physical Journal A, 2005, 25, 499-502.	2.5	345
10	Effective interaction for pf -shell nuclei. Physical Review C, 2002, 65, .	2.9	328
11	Experimental and theoretical Gamow-Teller beta-decay observables for the sd -shell nuclei. Atomic Data and Nuclear Data Tables, 1985, 33, 347-404.	2.4	312
12	Direct Evidence for the Breakdown of the $N=8$ Shell Closure in ^{12}e . Physical Review Letters, 2000, 85, 266-269.	7.8	259
13	New Region of Deformation: The Neutron-Rich Sulfur Isotopes. Physical Review Letters, 1996, 77, 3967-3970.	7.8	255
14	Reduction of spectroscopic strength: Weakly-bound and strongly-bound single-particle states studied using one-nucleon knockout reactions. Physical Review C, 2008, 77, .	2.9	243
15	Neutron radii and the neutron equation of state in relativistic models. Physical Review C, 2001, 64, .	2.9	242
16	Two-Proton Radioactivity of ^{45}e . Physical Review Letters, 2002, 89, 102501.	7.8	238
17	One-Neutron Knockout from Individual Single-Particle States of ^{11}e . Physical Review Letters, 2000, 84, 35-38.	7.8	204
18	$N=14$ and 16 shell gaps in neutron-rich oxygen isotopes. Physical Review C, 2004, 69, .	2.9	194

#	ARTICLE	IF	CITATIONS
19	Magnetic moments of the 21^+ states around ^{132}Sn . <i>Physical Review C</i> , 2005, 71, .	2.9	194
20	Simple relation for alpha decay half-lives. <i>Physical Review C</i> , 1992, 46, 811-814.	2.9	191
21	Empirical isospin-nonconserving hamiltonians for shell-model calculations. <i>Nuclear Physics A</i> , 1989, 491, 1-23.	1.5	166
22	Single-neutron knockout reactions: Application to the spectroscopy of $^{16,17,19}\text{C}$. <i>Physical Review C</i> , 2001, 63, .	2.9	166
23	Shape transitions in exotic Si and S isotopes and tensor-force-driven Jahn-Teller effect. <i>Physical Review C</i> , 2012, 86, .	2.9	153
24	Gamow-Teller beta-decay rates for $A \approx 18$ nuclei. <i>Physical Review C</i> , 1993, 47, 163-177.	2.9	147
25	New $T=1$ effective interactions for the $f_5 \hat{p}^2 \hat{p}^2 \hat{p}^2 \hat{g}_9 \hat{p}^2$ model space: Implications for valence-mirror symmetry and seniority isomers. <i>Physical Review C</i> , 2004, 70, .	2.9	147
26	Empirically optimum M1 operator for sd-shell nuclei. <i>Nuclear Physics A</i> , 1987, 474, 290-306.	1.5	146
27	Predicted features of the beta decay of neutron-rich sd-shell nuclei. <i>Physical Review C</i> , 1983, 28, 1343-1366.	2.9	144
28	High-energy reaction cross sections of light nuclei. <i>Physical Review C</i> , 1989, 39, 1154-1157.	2.9	140
29	Quadrupole Collectivity in $^{32,34,36,38}\text{Si}$ and the $N=20$ Shell Closure. <i>Physical Review Letters</i> , 1998, 80, 2081-2084.	7.8	138
30	Diproton decay of nuclei on the proton drip line. <i>Physical Review C</i> , 1991, 43, R1513-R1517.	2.9	134
31	One-Neutron Halo of ^{19}C . <i>Physical Review Letters</i> , 1995, 74, 3569-3572.	7.8	133
32	Probing the halo structure of $^{19,17,15}\text{C}$ and ^{14}B . <i>Physical Review C</i> , 1998, 57, 2156-2164.	2.9	133
33	Spectroscopy of Radioactive Beams from Single-Nucleon Knockout Reactions: Application to the sd-Shell Nuclei $A=25$ and $P_{26,27,28}$. <i>Physical Review Letters</i> , 1998, 81, 5089-5092.	7.8	132
34	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="italic"} \rangle \text{sd} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -shell observables for the USDA and USDB Hamiltonians. <i>Physical Review C</i> , 2008, 78, .	2.9	131
35	Reduced transition probabilities to the first 2^+ state in $^{52,54,56}\text{Ti}$ and development of shell closures at $N=32,34$. <i>Physical Review C</i> , 2005, 71, .	2.9	130
36	Isospin-mixing corrections for fp-shell Fermi transitions. <i>Physical Review C</i> , 1995, 52, 2455-2460.	2.9	127

#	ARTICLE	IF	CITATIONS
37	Electric quadrupole and hexadecupole nuclear excitations from the perspectives of electron scattering and modern shell-model theory. <i>Physics Reports</i> , 1983, 101, 313-358.	25.6	124
38	Tensor interaction contributions to single-particle energies. <i>Physical Review C</i> , 2006, 74, .	2.9	122
39	Appraisal of the Kuo-Herling shell-model interaction and application to $A=210\text{--}212$ nuclei. <i>Physical Review C</i> , 1991, 43, 602-617.	2.9	120
40	Two-proton radioactivity studies with ^{45}Fe and ^{48}Ni . <i>Physical Review C</i> , 2005, 72, .	2.9	120
41	Proton drip-line calculations and the r process. <i>Physical Review C</i> , 2002, 65, .	2.9	117
42	First Observation of Ground State Dineutron Decay: $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">^{\infty} \text{Be} \rangle \langle \text{mml:mprescripts /} \rangle \langle \text{mml:none /} \rangle \langle \text{mml:mn} \rangle 16 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review Letters</i> , 2012, 108, 102501.	7.8	117
43	Spin-isospin strength distributions for p shell nuclei: Results for the $^{55}\text{Mn}(n,p)$, $^{56}\text{Fe}(n,p)$, and $^{58}\text{Ni}(n,p)$ reactions at 198 MeV. <i>Physical Review C</i> , 1994, 49, 3128-3136.	2.9	109
44	Proton and neutron density distributions for $A=16\text{--}58$ nuclei. <i>Journal of Physics G: Nuclear Physics</i> , 1979, 5, 1655-1698.	0.8	108
45	Chaos vs Thermalization in the Nuclear Shell Model. <i>Physical Review Letters</i> , 1995, 74, 5194-5197.	7.8	104
46	Discerning the neutron density distribution of ^{208}Pb from nucleon elastic scattering. <i>Physical Review C</i> , 2002, 65, .	2.9	101
47	Corrections to the free-nucleon values of the single-particle matrix elements of the $M1$ and Gamow-Teller operators, from a comparison of shell-model predictions with sd -shell data. <i>Physical Review C</i> , 1983, 28, 2397-2413.	2.9	100
48	Proton capture reaction rates in the r process. <i>Physical Review C</i> , 1995, 52, 1078-1094.	2.9	99
49	Measurement of the electric quadrupole moments of $^{26}\text{--}^{29}\text{Na}$. <i>European Physical Journal A</i> , 2000, 8, 31-40.	2.5	97
50	Reduced Occupancy of the Deeply Bound $0d_{5/2}$ Neutron State in ^{32}Ar . <i>Physical Review Letters</i> , 2004, 93, 042501.	7.8	97
51	Corrections to the Fermi Matrix Element for Superallowed β^2 Decay. <i>Physical Review Letters</i> , 1989, 62, 866-869.	7.8	96
52	Absolute spectroscopic factors from nuclear knockout reactions. <i>Physical Review C</i> , 2002, 65, .	2.9	94
53	The $(t, \text{He}3)$ and $(\text{He}3, t)$ reactions as probes of Gamow-Teller strength. <i>Physical Review C</i> , 2006, 74, .	2.9	92
54	Asymptotic normalization coefficients for $^{14}\text{N}+p$ and ^{15}O and the astrophysical S factor for $^{14}\text{N}(p, \beta^+)^{15}\text{O}$. <i>Physical Review C</i> , 2003, 67, .	2.9	87

#	ARTICLE	IF	CITATIONS
55	Constraints on the Skyrme Equations of State from Properties of Doubly Magic Nuclei. Physical Review Letters, 2013, 111, 232502.	7.8	87
56	Particle-hole strength excited in the Ca48(p,n)48Sc reaction at 134 and 160 MeV: Gamow-Teller strength. Physical Review C, 1985, 31, 1161-1172.	2.9	86
57	Nuclear spins, magnetic moments, and quadrupole moments of Cu isotopes from N=28 to N=46: Probes for core polarization effects. Physical Review C, 2010, 82, .	2.9	86
58	High-resolution measurements of isotope shifts and hyperfine structure in stable and radioactive lead isotopes. Journal of Physics G: Nuclear Physics, 1983, 9, 443-458.	0.8	85
59	New Direct Reaction: Two-Proton Knockout from Neutron-Rich Nuclei. Physical Review Letters, 2003, 91, 012501.	7.8	84
60	Disappearance of the $N=14$ shell gap in the carbon isotopic chain. Physical Review C, 2008, 78, .	2.9	83
61	In-beam $\hat{3}$ -ray spectroscopy and inclusive two-proton knockout cross section measurements at $N \approx 40$. Physical Review C, 2008, 77, .	2.9	82
62	Single-neutron knockout from intermediate energy beams of ^{24}Mg . Mapping the transition into the $\hat{2}$ island of inversion. Physical Review C, 2008, 77, .	2.9	82
63	Neutron skin deduced from antiprotonic atom data. Physical Review C, 2007, 76, .	2.9	80
64	New search for O_{26} . Physical Review C, 1996, 53, 647-651.	2.9	79
65	Spectroscopy of ^{36}Mg : Interplay of Normal and Intruder Configurations at the Neutron-Rich Boundary of the $\hat{2}$ Island of Inversion. Physical Review Letters, 2007, 99, 072502.	7.8	78
66	Strength functions and spreading widths of simple shell model configurations. Physical Review C, 1996, 54, 1665-1674.	2.9	76
67	Information entropy, chaos and complexity of the shell model eigenvectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 141-146.	4.1	75
68	First observation of an excited state in the neutron-rich nucleus ^{31}Na . Physical Review C, 2000, 63, .	2.9	75
69	Calculated isospin-mixing corrections to Fermi $\hat{2}$ -decays in $1s_{0d}$ -shell nuclei with emphasis on $A = 34$. Nuclear Physics A, 1985, 440, 274-300.	1.5	74
70	E_2 core-polarization charge for nuclei near ^{16}O and ^{40}Ca . Nuclear Physics A, 1977, 277, 77-108.	1.5	72
71	Single-neutron removal reactions from ^{15}C and ^{11}Be : Deviations from the eikonal approximation. Physical Review C, 2002, 66, .	2.9	72
72	Lifetime measurements and E_2 effective charges for nuclei in the $1f_{7/2}$ shell. Physical Review C, 1974, 9, 1033-1053.	2.9	71

#	ARTICLE	IF	CITATIONS
73	Single-neutron knockout from $^{34,35}\text{Si}$ and ^{37}S . Physical Review C, 2002, 65, .	2.9	70
74	Di-proton decay of ^{45}Fe . Physical Review C, 2003, 67, .	2.9	70
75	Diffraction dissociation contributions to two-nucleon knockout reactions and the suppression of shell-model strength. Physical Review C, 2006, 74, .	2.9	69
76	Shell-Model Analysis of the ^{136}Xe Double Beta Decay Nuclear Matrix Elements. Physical Review Letters, 2013, 110, 222502.	7.8	69
77	The empirical $(1f_{7/2})_n$ model. Rivista Del Nuovo Cimento, 1978, 1, 1-116.	5.7	67
78	Systematics of nuclear RMS charge radii. Journal of Physics G: Nuclear Physics, 1984, 10, 1683-1701.	0.8	67
79	Double-Octupole States in ^{208}b . Physical Review Letters, 2000, 85, 5300-5303.	7.8	66
80	\hat{I}^2 -decay studies of ^{135}Sn using selective resonance laser ionization techniques. Physical Review C, 2002, 65, .	2.9	65
81	Large Low Energy M_{1-} Strength for ^{56}Fe Extraction of Weak Transition Strengths via the $T_{j=0}^{\pm}$ Overlock. Physical Review Letters, 2007, 99, 022501.	7.8	65
82	Triple configuration coexistence in ^{44}Ti . Physical Review C, 2007, 76, 024301.	7.8	64
83	Triple configuration coexistence in ^{44}Ti . Physical Review C, 2011, 83, .	2.9	64
84	Study of drip line nuclei through two-step fragmentation. European Physical Journal A, 2003, 20, 95-96.	2.5	62
85	Quenching of Spectroscopic Factors for Proton Removal in Oxygen Isotopes. Physical Review Letters, 2011, 107, 032501.	7.8	62
86	Gamow-Teller strength in the region of ^{100}Sn . Physical Review C, 1994, 50, R2270-R2273.	2.9	61
87	Spectroscopy of $^{13,14}\text{B}$ via the one-neutron knockout reaction. Physical Review C, 2000, 61, .	2.9	61
88	New Tools for Solving the Solar-Neutrino Problem. Physical Review Letters, 1986, 57, 1801-1804.	7.8	60
89	Magneto-optic Trapping of ^{38}K from an on-line Isotope Separator. Physical Review Letters, 1997, 79, 375-378.	7.8	60
90	Effective interaction for nuclei of $A = 50-100$ and Gamow-Teller properties. Journal of Physics: Conference Series, 2005, 20, 7-12.	0.4	60

#	ARTICLE	IF	CITATIONS
91	Quadrupole collectivity in neutron-deficient Sn nuclei: $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 104 \langle / \text{mml:mn} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle$ Sn and the role of proton excitations. Physical Review C, 2013, 88, .	2.9	59
92	Correlated two-nucleon stripping reactions. Physical Review C, 2004, 70, .	2.9	58
93	Reduced neutron spectroscopic factors when using potential geometries constrained by Hartree-Fock calculations. Physical Review C, 2006, 73, .	2.9	58
94	Two-neutron knockout from neutron-deficient Ar34, S30, and Si26. Physical Review C, 2006, 74, .	2.9	58
95	Nuclear-Structure Effects on Parity Nonconservation in Light Nuclei. Physical Review Letters, 1980, 45, 1681-1685.	7.8	57
96	\hat{I}^2 decay of ^{97}Ag : Evidence for the Gamow-Teller resonance near ^{100}Sn . Physical Review C, 1999, 60, .	2.9	56
97	Absolute spectroscopic factors from neutron knockout on the halo nucleus ^{15}C . Physical Review C, 2004, 69, .	2.9	56
98	Shell-model calculations of two-neutrino double- \hat{I}^2 decay rates of ^{48}Ca with the GXPF1A interaction. Physical Review C, 2007, 75, .	2.9	56
99	Nonyrast high-spin states in $N=Z=44\text{Ti}$. Physical Review C, 2000, 61, .	2.9	55
100	Two-proton spectroscopy of low-lying states in ^{17}Ne . Physical Review C, 2002, 66, .	2.9	55
101	Structure of the neutron-halo nucleus ^6He . Physical Review C, 1996, 54, 1070-1083.	2.9	54
102	Positive parity states in ^{11}Be . Physical Review C, 1995, 51, 1274-1279.	2.9	53
103	One-neutron knockout reactions on proton-rich nuclei with $N=16$. Physical Review C, 2004, 69, .	2.9	53
104	Is There an Excited State in ^{11}Li at $E_x=1.3\text{MeV}$?. Physical Review Letters, 1997, 79, 1447-1450.	7.8	52
105	Shell structure at $N=28$ near the dripline: Spectroscopy of ^{42}Si , ^{43}P , and ^{44}S . Physical Review C, 2006, 74, .	2.9	52
106	First-forbidden \hat{I}^2 decay: Meson-exchange enhancement of the axial charge at $A \sim 16$. Physical Review C, 1994, 49, 824-839.	2.9	50
107	Low-lying levels in ^{59}Cr : Inadequacy of the fp model space and onset of deformation. Physical Review C, 2004, 69, .	2.9	50
108	Production cross sections from ^{82}Se fragmentation as indications of shell effects in neutron-rich isotopes close to the drip-line. Physical Review C, 2013, 87, .	2.9	50

#	ARTICLE	IF	CITATIONS
109	Measurement of Excited States in Si40 and Evidence for Weakening of the N=28 Shell Gap. Physical Review Letters, 2006, 97, 112501.	7.8	49
110	Calculations of the neutron skin and its effect in atomic parity violation. Physical Review C, 2009, 79, .	2.9	49
111	Single-particle structure of silicon isotopes approaching Si42. Physical Review C, 2014, 90, .	2.9	49
112	Low-Energy Magnetic Dipole Radiation in Open-Shell Nuclei. Physical Review Letters, 2017, 118, 092502.	7.8	49
113	Probing Configuration Mixing in the Neutron-Rich Oxygen Isotopes. Physical Review Letters, 2012, 108, 122501.	2.9	48
114	Probing Configuration Mixing in the Neutron-Rich Oxygen Isotopes. Physical Review Letters, 2012, 108, 122501.	7.8	47
115	Probe of the shell crossing at A=40 via beta decay: Experiment and theory. Physical Review C, 1986, 34, 1031-1051.	2.9	46
116	Evolution of the E(1/21+) - E(3/21+) energy spacing in odd-mass K, Cl, and P isotopes for N=20 to 28. Physical Review C, 2006, 74, .	2.9	46
117	Constraints on Skyrme equations of state from properties of doubly magic nuclei and ab initio calculations of low-density neutron matter. Physical Review C, 2014, 89, .	2.9	46
118	Nuclear charge densities with the Skyrme Hartree-Fock method. Physical Review C, 2003, 67, .	2.9	45
119	Magic numbers in the neutron-rich oxygen isotopes. Physical Review C, 2005, 72, .	2.9	45
120	Low-energy neutron-neutron interactions in the neutron-rich oxygen isotopes. Physical Review C, 2005, 72, .	2.9	45
121	Low-energy neutron-neutron interactions in the neutron-rich oxygen isotopes. Physical Review C, 2012, 85, .	2.9	45
122	Direct and I2-delayed multi-proton emission from atomic nuclei with a time projection chamber: the cases of 43Cr, 45Fe, and 51Ni. European Physical Journal A, 2012, 48, 1.	2.5	45
123	Meson-exchange enhancement of the first-forbidden Yg96(0+) - I2 transition: I2 decay of the low-spin isomer of Y96. Physical Review C, 1990, 41, 226-242.	2.9	44
124	Shell model analysis of the Ni56 spectrum in the full pf model space. Physical Review C, 2006, 73, .	2.9	44
125	In-beam P-ray spectroscopy of the neutron-rich nitrogen isotopes. Physical Review Letters, 2012, 109, 122501.	2.9	44
126	Neutronless double-beta decay of Se82. Physical Review C, 2014, 89, .	2.9	44

#	ARTICLE	IF	CITATIONS
127	Nuclear Structure Aspects of Neutrinoless Double- β Decay. Physical Review Letters, 2014, 113, 262501.	7.8	43
128	Isovector E2 matrix elements from electromagnetic transitions in the $d_{5/2}$ shell: Experiment and shell-model calculations. Physical Review C, 1982, 26, 2247-2272.	2.9	42
129	ft value of the $0^+ \rightarrow 0^+$ decay of ^{32}Ar : A measurement of isospin symmetry breaking in a superallowed decay. Physical Review C, 2008, 77, .	2.9	42
130	Nuclear matter distributions. Journal of Physics G: Nuclear Physics, 1982, 8, 839-850.	0.8	41
131	Excitation and decay of the first excited state of ^{17}Ne . Physical Review C, 1997, 55, 1676-1679.	2.9	41
132	Nuclear structure in the vicinity of $N=Z=28$ ^{56}Ni . Physical Review C, 2004, 70, .	2.9	41
133	Two-proton knockout from ^{32}Mg : Intruder amplitudes in ^{30}Ne and implications for the binding of $^{29,31}\text{F}$. Physical Review C, 2010, 81, .	2.9	41
134	Truncation method for shell model calculations. Physical Review C, 1994, 50, R2274-R2277.	2.9	40
135	Random versus Realistic Interactions for Low-Lying Nuclear Spectra. Physical Review Letters, 2001, 87, 062501.	7.8	40
136	Nuclear moments of neon isotopes in the range from ^{17}Ne at the proton drip line to neutron-rich ^{25}Ne . Physical Review C, 2005, 71, .	2.9	40
137	Mirror Charge Radii and the Neutron Equation of State. Physical Review Letters, 2017, 119, 122502.	7.8	40
138	Properties of high-spin states in ^{91}Nb and ^{91}Zr via ^6Li -induced reactions. Physical Review C, 1976, 13, 1900-1921.	2.9	39
139	Lifetime measurements of neutron-rich light isotopes ^{14}Be and ^{17}C . Physical Review Letters, 1986, 56, 34-37.	7.8	39
140	Shell-model calculation for two-neutrino double beta decay of ^{48}Ca . Physical Review C, 1990, 42, 1120-1125.	2.9	39
141	Isovector M1 transitions in ^{28}Si and the role of meson exchange currents. Physical Review C, 1996, 53, 127-130.	2.9	38
142	Exponential convergence method: Nonyrast states, occupation numbers, and a shell-model description of the superdeformed band in ^{56}Ni . Physical Review C, 2003, 67, .	2.9	38
143	Shell-model plus Hartree-Fock calculations for the neutron-rich Ca isotopes. Physical Review C, 1998, 58, 2099-2107.	2.9	37
144	First Experiment with HELIOS: The Structure of $^{\mathbf{B}}_{13}$. Physical Review Letters, 2010, 104, 132501.	7.8	36

#	ARTICLE	IF	CITATIONS
145	Nuclear structure of ^{76}Ge from inelastic neutron scattering measurements and shell model calculations. Physical Review C, 2017, 95, .	2.9	36
146	Nuclear spectroscopy with lithium beams. I. High-spin states in ^{55}Fe , ^{55}Mn , and ^{53}Cr . Physical Review C, 1974, 10, 2312-2328.	2.9	35
147	Branching ratios of ^{9}C to low lying states in ^{9}B . Physical Review C, 1988, 37, 766-780.	2.9	35
148	Radiative decays of the 16.6 and 16.9 MeV states in ^{8}Be and tests of the conservation of the vector current in the $A=8$ multiplet. Physical Review C, 1995, 51, 2778-2788.	2.9	35
149	Invariant correlational entropy and complexity of quantum states. Physical Review E, 1998, 58, 56-68.	2.1	35
150	Applying the exponential convergence method: Shell-model binding energies of $^{7/2}\text{O}$ nuclei relative to ^{40}Ca . Physical Review C, 2002, 65, .	2.9	35
151	Emergence of the $N=16$ shell gap in ^{21}O . Physical Review C, 2011, 84, .	2.9	35
152	Evaluation of the theoretical nuclear matrix elements for ^{76}Ge . Physical Review C, 2015, 92, .	2.9	35
153	Nuclear spectroscopy with lithium beams. II. High-spin states in ^{52}Cr , ^{54}Mn , ^{54}Fe , and ^{56}Fe . Physical Review C, 1974, 10, 2329-2339.	2.9	34
154	Proton capture to excited states of ^{16}O : $M1$, $E1$, and Gamow-Teller transitions and shell model calculations. Physical Review C, 1983, 27, 1837-1865.	2.9	34
155	Spherical-deformed shape coexistence for the p -shell in the nuclear shell model. Physical Review C, 2001, 63, .	2.9	34
156	Resonance parameters of the first $1/2^+$ state in ^{9}Be and astrophysical implications. Physical Review C, 2010, 82, .	2.9	34
157	Properties of ^{26}Mg and ^{26}Si . Physical Review C, 2014, 90, .	2.9	34
158	Modification of the Brink-Axel hypothesis for high-temperature nuclear weak interactions. Physical Review C, 2014, 90, .	2.9	34
159	Breakdown of the Isobaric Multiplet Mass Equation for the $A=21$ Multiplets. Physical Review Letters, 2014, 113, 082501.	7.8	34
160	Isospin-forbidden \hat{I}^2 -delayed proton emission. Physical Review Letters, 1990, 65, 2753-2756.	7.8	33
161	New Approach for Measuring Properties of r -Process Nuclei. Physical Review Letters, 2004, 92, 172502.	7.8	33
162	Chaos and Regularity in the Doubly Magic Nucleus ^{208}Pb . Physical Review Letters, 2017, 118, 012501.	7.8	33

#	ARTICLE	IF	CITATIONS
163	Single proton knock-out reactions from $F^{24,25,26}$. <i>Physical Review C</i> , 2003, 68, .	2.9	32
164	Beta-decay of ^{71}Co and ^{73}Co . <i>European Physical Journal A</i> , 2004, 22, 455-459.	2.5	32
165	Lifetime Measurement of the $^{21+}$ State in ^{20}C . <i>Physical Review Letters</i> , 2011, 107, 102501.	7.8	32
166	Structure of ^{16}C : Testing shell model and <i>ab initio</i> approaches. <i>Physical Review C</i> , 2012, 86, .	2.9	32
167	White paper on nuclear astrophysics and low energy nuclear physics Part 1: Nuclear astrophysics. <i>Progress in Particle and Nuclear Physics</i> , 2017, 94, 1-67.	14.4	32
168	Shape diffusion in the shell model. <i>Physical Review C</i> , 1992, 45, 1709-1719.	2.9	31
169	Observation of strong isospin mixing in proton emission from the astrophysically interesting isobaric analog state in ^{23}Mg . <i>Physical Review C</i> , 1995, 52, R2298-R2301.	2.9	31
170	Level structure of odd-odd ^{134}Sb populated in the ^{124}Ba decays of $^{134,135}\text{Sn}$. <i>Physical Review C</i> , 2005, 71, .	2.9	31
171	Shell structure underlying the evolution of quadrupole collectivity in ^{38}S and ^{40}P probed by transient-field-g-factor measurements on fast radioactive beams. <i>Physical Review C</i> , 2006, 74, .	2.9	31
172	Persistent decoupling of valence neutrons toward the dripline: Study of ^{20}B spectroscopy. <i>Physical Review C</i> , 2009, 79, .	2.9	31
173			

#	ARTICLE	IF	CITATIONS
181	Change in Radius of Neutron-Deficient ^{54}Ni and Symmetry Energy Constraints Using the Difference in Mirror Pair Charge Radii. <i>Physical Review Letters</i> , 2021, 127, 182503.	7.8	29
182	Interaction cross sections for light neutron-rich nuclei. <i>Physical Review C</i> , 2001, 65, .	2.9	28
183	Effects of isospin mixing in the ^{32}A quintet. <i>Physical Review C</i> , 2011, 84, .	2.9	28
184	Investigating \hat{I}^2 -decay properties of spherical nuclei along the possible β -decay process path. <i>Physical Review C</i> , 2013, 88, .	2.9	28
185	Strength of β -decay and its robustness within the shell model. <i>Physical Review C</i> , 2018, 97, .	2.9	28
186	Meson-exchange enhancement in first-forbidden \hat{I}^2 transitions: The case of ^{50}K and ^{38}Ca . <i>Physical Review C</i> , 1998, 58, 1970-1979.	2.9	27
187	Reaction rates for neutron capture reactions to C, N, and O isotopes to the neutron rich side of stability. <i>Physical Review C</i> , 1999, 60, .	2.9	27
188	High-precision $B(E2)$ of semi-magic ^{58}Ni .	2.9	27
189	\hat{I}^2 -decay branching ratios of the neutron-rich nucleus ^{15}B . <i>Physical Review C</i> , 1991, 44, 2365-2371.	2.9	26
190	Magnetic dipole transitions in ^{32}S from electron scattering at 180° . <i>Physical Review C</i> , 2002, 65, .	2.9	26
191	First observation of excited states in ^{12}Li . <i>Physical Review C</i> , 2010, 81, .	2.9	26
192	The ^{30}Mg puzzle reexamined. <i>Physical Review C</i> , 2016, 94, .	2.9	26
193	Low energy magnetic radiation enhancement in the ^{72}Zr . <i>Physical Review C</i> , 2017, 95, .	2.9	26
194	l-forbidden Gamow-Teller \hat{I}^2 decay of ^{57}Cu . <i>Physical Review C</i> , 1996, 53, 96-105.	2.9	25
195	Skyrme Hartree-Fock calculations for the \hat{I}^\pm -decay Q values of superheavy nuclei. <i>Physical Review C</i> , 2003, 67, .	2.9	25
196	One-neutron knockout from ^{57}Ni . <i>Physical Review C</i> , 2006, 74, .	2.9	25
197	Impact of electron-captures on nuclei near $Z = 50$ on core-collapse supernovae. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 014004.	3.6	25
198	New isospin-breaking \hat{I}^2 -Hamiltonians for the sd shell. <i>Physical Review C</i> , 2020, 101, .	2.9	25

#	ARTICLE	IF	CITATIONS
199	Lifetimes of the $(f_{7/2})_{3/2}^+$ states in ^{51}V and ^{43}Ca and $(f_{7/2})_{2+}$ states in ^{50}Ti and ^{42}Ca via heavy-ion recoil-distance-method measurements. <i>Physical Review C</i> , 1974, 10, 997-1000.	2.9	24
200	Revised result for the $\text{Cl}^{32}(p, \text{p}^3)\text{Ar}^{33}$ reaction rate for astrophysical r -process calculations. <i>Physical Review C</i> , 2005, 72, .	2.9	24
201	Spectroscopy of ^{26}Mg to Probe Proton-Neutron Precision Evaluation Of the ^{26}Mg <i>Physical Review Letters</i> , 2013, 110, 082502.	7.8	24
202	^{71}Ga neutrino capture rate from the ^{19}F <i>Physical Review C</i> , 2015, 91, .	2.9	24
203	Beta decay of ^{18}O to alpha particle emitting states in ^{18}O and a proposed search for parity violation in ^{18}O . <i>Physical Review C</i> , 1989, 39, 1985-1991.	2.9	23
204	Di-proton decay of the 6.15 MeV 1^+ state in ^{18}Ne . <i>Physical Review C</i> , 2002, 65, .	2.9	23
205	Nuclear Pairing Gap: How Low Can It Go?. <i>Physical Review Letters</i> , 2013, 111, 162502.	7.8	23
206	Nuclear-structure aspects of nonanalog pion double charge exchange. <i>Physical Review C</i> , 1986, 34, 1895-1899.	2.9	22
207	Isospin symmetry of $T_z = \pm 3/2$ Gamow-Teller transitions in $A=41$ nuclei. <i>Physical Review C</i> , 2004, 70, .	2.9	22
208	Indirect techniques in nuclear astrophysics. <i>European Physical Journal A</i> , 2006, 27, 205-215.	2.5	22
209	Spectroscopy of ^{20}Mg : The isobaric mass multiplet equation for the ^{20}Mg <i>Physical Review C</i> , 2008, 77, .	2.9	22
210	Gamow-Teller strength for the analog transitions to the first $T=1$ <i>Physical Review C</i> , 2008, 77, .	2.9	22
211	Anomalous p-shell isoscalar magnetic moments: Remeasurement of ^9C and the influence of isospin nonconservation. <i>Physical Review C</i> , 1998, 57, R2790-R2793.	2.9	21
212	Structure of high spin states in ^{104}Sn : E_2 and E_3 polarization of the ^{100}Sn core. <i>Physical Review C</i> , 1998, 58, 108-115.	2.9	21
213	Identification of the $I^\pi = 10^+$ yrast Rotational State in ^{24}Mg . <i>Physical Review Letters</i> , 2001, 87, 142502.	7.8	21
214	Polarization transfer in the $^{16}\text{O}(p, p^2)$ reaction at forward angles and structure of the spin-dipole resonances. <i>Physical Review C</i> , 2002, 65, .	2.9	21
215	Comment on "Experimental Evidence of Core Modification in the Near Drip-Line Nucleus ^{23}O " <i>Physical Review Letters</i> , 2003, 90, 159201; author reply 159202.	7.8	21
216	In-beam ^{13}C -ray spectroscopy of ^{35}Mg and ^{35}Mg <i>Physical Review C</i> , 2008, 77, .	2.9	21

#	ARTICLE	IF	CITATIONS
217	http://www.w3.org/1998/Math/MathML Pb : High-spin states, isomers, and E collectivity in the yrast decay. Physical Review C, 2017, 95, .	2.9	21
218	Limits on the presence of scalar and induced-scalar currents in superallowed β^2 decay. Physical Review C, 1989, 40, 2914-2917.	2.9	20
219	Separation of isoscalar, isovector, orbital, and spin contributions in $M1$ transitions in mirror nuclei. Physical Review C, 2000, 62, .	2.9	20
220	Identification of shell-model states in Sb^{135} populated via β^2 decay of Sn^{135} . Physical Review C, 2005, 72, .	2.9	20
221	http://www.w3.org/1998/Math/MathML Al and extraction Spectroscopy of B via	2.9	20
222	http://www.w3.org/1998/Math/MathML B via the C	2.9	20
223	High-Spin Isomers in Nb^{91} and Zr^{91} via Li^6 -Induced Reactions. Physical Review Letters, 1975, 34, 161-164.	7.8	19
224	Gamow-Teller strength in the β^2 decay of Ca^{37} . Physical Review Letters, 1992, 69, 1034-1037.	7.8	19
225	Magnetic Moment of the 1^+ Ground State in N^{18} Measured with a New β^2 Level Mixing Nuclear Magnetic Resonance Technique. Physical Review Letters, 1999, 82, 497-500.	7.8	19
226	Thermonuclear reaction rate of $^{56}Ni(p, \beta^3)^{57}Cu$ and $^{57}Cu(p, \beta^3)^{58}Zn$. Physical Review C, 2001, 64, .	2.9	19
227	Shape coexistence on the boundary of the β -island of inversion β : Exotic beam spectroscopy of ^{34}Al . Physical Review C, 2001, 63, .	2.9	19
228	Coherent and chaotic properties of nuclear pairing. Physical Review C, 2002, 65, .	2.9	19
229	β^2 -decay of ^{22}O . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 553-561.	3.6	19
230	Beta decay of the proton-rich nuclei ^{102}Sn and ^{104}Sn . European Physical Journal A, 2006, 27, 129-136.	2.5	19
231	Structure of ^{14}B and the evolution of $N=9$ single-neutron isotones. Physical Review C, 2013, 88, .	2.9	19
232	Shell-model studies of the astrophysical rapid-proton-capture reaction P S	2.9	19
233	Triaxiality in selenium-76. Physical Review C, 2019, 99, .	2.9	19
234	Statistical correlations in nuclear many-body states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 5-11.	4.1	18

#	ARTICLE	IF	CITATIONS
235	Neutron halos in the Na isotopes. Physical Review C, 1996, 54, 673-678.	2.9	18
236	Yrast and near-yrast excitations up to high spin in ^{48}Ca and ^{100}Cd . Physical Review C, 2000, 61, .	2.9	18
237	Structure of neutron-rich even-even $^{124, 126}\text{Cd}$. European Physical Journal A, 2005, 25, 117-118.	2.5	18
238	Coulomb energies in ^{17}Ne and the ground state mass of ^{18}Na . Physical Review C, 2006, 73, .	2.9	18
239	In-beam γ -ray spectroscopy of ^{43}Ca and ^{46}Ca . Physical Review C, 2012, 86, .	2.9	18
240	Parity mixing of elastic scattering resonances: General theory and application to ^{14}N . Physical Review C, 1984, 30, 456-463.	2.9	17
241	I -Forbidden $M1$ Transition in ^{32}S : A Test of Tensor Corrections to the Magnetic Dipole Operator. Physical Review Letters, 1999, 82, 291-294.	7.8	17
242	Single-particle structure along the boundary of the β -island of inversion. Radioactive beam spectroscopy of ^{33}Si and ^{34}P . Physical Review C, 2000, 62, .	2.9	17
243	Observation of bound excited states in ^{15}B . European Physical Journal A, 2004, 22, 5-8.	2.5	17
244	Angle-integrated measurements of the $^{26}\text{Al}(d, n)^{27}\text{Si}$ reaction cross section: a probe of spectroscopic factors and astrophysical resonance strengths. European Physical Journal A, 2016, 52, 1.	2.5	17
245	Decay of the proton-rich nucleus ^{24}Si and its mirror ^{24}Mg . Physical Review C, 2009, 79, .	2.9	16
246	Intermediate energy proton knockout to the β -island of inversion isotope ^{31}Mg . Physical Review C, 2009, 79, .	2.9	16
247	Neutron-unbound states in ^{25}F and ^{26}F . Physical Review C, 2011, 84, .	2.9	16
248	Hybrid model for two-proton radioactivity. Physical Review C, 2019, 100, .	2.9	16
249	Lifetimes of the 6^+ states in ^{42}Ti and ^{46}Ca and effective charges in $(1f_7/2)^{\pm 2}$ nuclei. Physical Review C, 1975, 12, 813-820.	2.9	15
250	Comparison of the quasiparticle RPA and shell model for Gamow-Teller beta and double-beta decays. Physical Review C, 1993, 47, 2641-2651.	2.9	15
251	Shape of the β^2 spectra in the $A=14$ system. Physical Review C, 1995, 52, 3416-3427.	2.9	15
252	Inverse-kinematics one-proton pickup with intermediate-energy beams: The ^{9}Be nucleus. Physical Review C, 2011, 84, .		

#	ARTICLE	IF	CITATIONS
253	Rotational and neutron-hole states in S via the neutron knockout and fragmentation reactions. Physical Review C, 2009, 80, .	2.9	15
254	Mg observables for the USDA and USDB Hamiltonians. Physical Review C, 2009, 80, .	2.9	15
255	Search for the Be ground state. Physical Review C, 2011, 84, .	2.9	15
256	One- and two-neutron removal reactions from $^{19,20}C$ with a proton target. Physical Review C, 2011, 84, .	2.9	15
257	Resonant scattering of Na studied by the thick-target inverse-kinematic method. Physical Review C, 2012, 85, .	2.9	15
258	Revalidation of the isobaric multiplet mass equation for the $A=20$ nuclei. Physical Review C, 2015, 92, .	2.9	15
259	Is the Structure of Si Understood? Physical Review Letters, 2019, 122, 222503.	7.8	15
260	Accessing the Single-Particle Structure of the Pygmy Dipole Resonance in Pb^{208} . Physical Review Letters, 2020, 125, 102503.	7.8	15
261	Lifetimes of yrast states in $Ti^{51,52}$, and V^{52} . Physical Review C, 1976, 14, 1016-1022.	2.9	14
262	The charge and matter distributions of ^{208}Pb . Journal of Physics G: Nuclear Physics, 1983, 9, 423-441.	0.8	14
263	Electroexcitation of low-multipolarity magnetic transitions in Ar^{36} and Ar^{38} . Physical Review C, 1994, 49, 1359-1371.	2.9	14
264	Neutron knockout of Be populating neutron-unbound states in Be .	2.9	14
265	Excited states in the neutron-rich nucleus F^{25} . Physical Review C, 2014, 89, .	2.9	14
266	One-neutron pickup into Ca : Bound neutron strength at g .	2.9	14
267	Realistic calculations for c coefficients of the isobaric mass multiplet equation in $1p_0$ shell nuclei. Physical Review C, 2017, 96, .	2.9	14
268	Ground-state electromagnetic moments of Ca . Physical Review C, 2019, 99, .	2.9	14
269	Island of Inversion: Collective Structures Built on Configuration-Coexisting States in $N=28$ Nuclei.	7.8	14
270	Decay properties of ground-state and isomer of ^{103}In . Zeitschrift für Physik A, 1997, 359, 117-126.	0.9	13

#	ARTICLE	IF	CITATIONS
271	Level structure of Mg21: Nuclear and astrophysical implications. Physical Review C, 2006, 73, .	2.9	13
272	On the unusual properties of the 282 keV state in 135Sb. European Physical Journal A, 2007, 32, 25-29.	2.5	13
273	Indecisive γ -ray spectroscopy of ^{210}Po -ray spectroscopy of ^{210}Po γ -ray spectroscopy of ^{210}Po	2.9	13
274	Two-neutron- and core-excited states in ^{210}Po : Tracing ^{210}Po collectivity and evidence for a new ^{210}Po γ -ray spectroscopy of ^{210}Po	2.9	13
275	^{210}Po -decaying isomer intruder dominance in the ^{210}Po γ -ray spectroscopy of ^{210}Po	2.9	13
276	state of ^{210}Po studied with a novel ^{210}Po γ -ray spectroscopy of ^{210}Po	2.9	13
277	^{210}Po via the ^{210}Po γ -ray spectroscopy of ^{210}Po	2.9	13

#	ARTICLE	IF	CITATIONS
289	Isomeric decay studies around 204Pt and 148Tb. European Physical Journal: Special Topics, 2007, 150, 165-168.	2.6	11
290	Inverse-kinematics one-neutron pickup with fast rare-isotope beams. Physical Review C, 2011, 83, . Shell-model studies of the r - p reaction	2.9	11
291			

#	ARTICLE	IF	CITATIONS
307	New calculations of the parity nonconservation matrix element for the $\pi^+ n$ doublet in $N=14$. Physical Review C, 1994, 50, 775-783.	2.9	9
308	Toward a Consistent Description of Parity Nonconservation in $A=18$ Nuclei. Physical Review Letters, 1995, 74, 231-234.	7.8	9
309	Structure of $T=224$ Ne from ^{14}C . Physical Review C, 2003, 68, .	2.9	9
310	New level information on $Z = 51$ isotopes, ^{111}Sb and $^{134, 135}\text{Sb}$. European Physical Journal A, 2005, 25, 121-122.	2.5	9
311	Population of positive-parity states in ^{137}Ba through shell model studies of the astrophysical $^{137}\text{Ba}(p,\gamma)^{138}\text{La}$ reaction	2.9	9
312			

#	ARTICLE	IF	CITATIONS
325	Spectroscopy of Na28: Shell evolution toward the drip line. Physical Review C, 2015, 92, .	2.9	8
326	Chaos and regularity in the spectra of the low-lying dipole excitations of Cr50,52,54. Physical Review C, 2018, 98, .	2.9	8
327	Lifetime Measurements and Triple Coexisting Band Structure in S43. Physical Review Letters, 2018, 121, 012501.	7.8	8
328	Neutron-unbound states in Ne31. Physical Review C, 2021, 104, .	2.9	8
329	The Nuclear Shell Model towards the Drip Lines. Physics, 2022, 4, 525-547.	1.4	8
330	Estimate of the parity-violating \hat{I}_{\pm} -decay width of the $0^+, T=1$ state of Li6. Physical Review C, 1983, 28, 443-445.	2.9	7
331	Zero degree polarization transfer measurements for the $^{13}\text{C}(\hat{p}^+, \hat{n}^+)^{13}\text{N}$ reaction at 197 MeV and empirical Gamow-Teller strength distribution. Physical Review C, 2001, 63, .	2.9	7
332	Proton single-particle energies in F23. Physical Review C, 2007, 75, .	2.9	7
333	Shell evolution in the sd-pf shell studied by the shell model. , 2009, , .		7
334	Recoil-distance lifetime measurements of V48 levels. Physical Review C, 1975, 11, 1122-1132.	2.9	6
335	Corrections to the Fermi Matrix Element for Superallowed \hat{I}^2 Decay. Physical Review Letters, 1989, 63, 103-103.	7.8	6
336	Is there large weak mixing in heavy nuclei?. Physical Review C, 1994, 49, 3297-3300.	2.9	6
337	The $^{56}\text{Ni}(E2, 0^+ \rightarrow 2^+)$ value - a good test for the shell-model off stability?. Physica Scripta, 1995, T56, 114-119.	2.5	6
338	Statistical properties and broken symmetries within the shell model. Physical Review C, 2005, 71, .	2.9	6
339	Proton-rich nuclear structure and mirror asymmetry investigated by \hat{I}^2 -decay spectroscopy of ^{24}Si . Journal of Physics: Conference Series, 2011, 312, 092031.	0.4	6
340	Neutron unbound states in ^{28}Ne and ^{25}F . Physical Review C, 2010, 81, .	2.9	6
341	Microscopic method for transition matrix elements. Physical Review C, 2017, 95, .	2.9	6
342	Microscopic method for transition matrix elements. Physical Review C, 2017, 95, .	2.9	6

#	ARTICLE	IF	CITATIONS
343	Diminished Electric Dipole Strength for the Weakly Bound States in ^{27}Ne . Physical Review C, 2018, 97, 044301. $\langle \sigma \rangle = \langle \sigma_{\text{exp}} \rangle - \langle \sigma_{\text{theor}} \rangle$	7.8	6
344	Electric and magnetic dipole strength in ^{54}Fe . Physical Review C, 2020, 101, 044301.	2.9	6
345	Decays of ^{208}At and expansion of the ^{208}At shell. Physical Review C, 2012, 85, 044301.	2.9	6
346	Magnetic moment of ^{17}Ne using \hat{A} -NMR and tilted foil polarization. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 519-524.	3.6	5
347	A new interaction for the sd shell?. Journal of Physics: Conference Series, 2005, 20, 145-152.	0.4	5
348	Many-body approximations in the ^{26}Mg sd-shell. Physical Review C, 2008, 78, 044301.	2.9	5
349	Intermediate-energy inverse-kinematics one-proton pickup reactions on neutron-deficient ^{26}Mg nuclei. Physical Review C, 2012, 85, 044301.	2.9	5
350	One-neutron knockout from ^{51}Sc . European Physical Journal A, 2012, 48, 1.	2.5	5
351	Nuclear Matrix Elements for Tests of Local Lorentz Invariance Violation. Physical Review Letters, 2017, 119, 192504.	7.8	5
352	Microscopic calculation of double-dipole excitations. Physical Review C, 2000, 62, 044301.	2.9	4
353	Configuration interactions constrained by energy density functionals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 507-511.	4.1	4
354	Reply to 'Comment on Properties of ^{26}Mg and ^{26}Si in the sd-shell model and the determination of the $^{25}\text{Al}(p, \hat{t})^{26}\text{Si}$ reaction rate'. Physical Review C, 2011, 84, 044301.	2.9	4
355	First-excited state ^{26}Ge factors in the stable, even Ge and Se isotopes. Physical Review C, 2019, 100, 044301.	2.9	4
356	Shell-model studies of the astrophysical rp-process reactions $^{34}\text{Cl}(p, \hat{t})^{35}\text{Ar}$ and $^{34}\text{Cl}(p, \hat{t})^{35}\text{Ar}$. Physical Review C, 2020, 102, 044301.	2.9	4
357	Exploiting Isospin Symmetry to Study the Role of Isomers in Stellar Environments. Physical Review Letters, 2021, 126, 042701.	7.8	4
358	Spectroscopy of states in ^{136}Ba using the $^{138}\text{Ba}(p, t)$ reaction. Physical Review C, 2021, 104, 044301.	2.9	4
359	Identification of a new isomeric state in ^{76}Zn following the ^{76}Zn decay of ^{76}Zn . Physical Review C, 2021, 103, 044301.	2.9	4
360	Ground state magnetic dipole moment of ^{40}Sc . Physical Review C, 2022, 105, 044301.	2.9	4

#	ARTICLE	IF	CITATIONS
361	Pairing in the ^{30}P nucleus. <i>Physical Review C</i> , 2010, 82, .	7.8	4
362	Magnetic moments of T pairs. <i>Physical Review C</i> , 2010, 82, .	2.1	3
363	ISOSPIN SYMMETRY OF $T_z = \pm 3/2$ $\hat{\nu}^{\pm} \hat{\nu}^{\pm 1/2}$ GAMOW-TELLER TRANSITIONS IN $A = 37$ AND $A = 41$ NUCLEI. <i>Modern Physics Letters A</i> , 2010, 25, 1976-1979.	1.2	3
364	Pairing and shell gaps in nuclei. <i>Journal of Physics: Conference Series</i> , 2013, 445, 012010.	0.4	3
365	High-resolution two-proton stripping to $2p-1h$ $7/2^-$ states via the $^{59}\text{Co}(^3\text{He}, n)^{61}\text{Cu}$ reaction. <i>European Physical Journal A</i> , 2014, 50, 1.	2.5	3
366	Confirmation of the isomeric state in P26. <i>Physical Review C</i> , 2017, 96, .	2.9	3
367	Nuclear matrix elements for the ^{76}Ge decay of ^{76}Ge . <i>Journal of Physics: Conference Series</i> , 2018, 966, 012017.	0.4	3
368	Polarization associated with the coupling to isoscalar dipole compression mode. <i>Physical Review C</i> , 2000, 62, .	2.9	2
369	Polarization transfer measurements for the $^{13}\text{C}(p, n)^{13}\text{N}$ reaction at 197 MeV and empirical isovector spin-longitudinal response for the $(1/2)^+ \rightarrow (1/2)^+$ transition. <i>Physical Review C</i> , 2002, 66, .	2.9	2
370	R-matrix Theory for Di-proton Decay. <i>AIP Conference Proceedings</i> , 2003, , .	0.4	2
371	Pairing in Light and Exotic Nuclei. , 2013, , 179-199.		2
372	Complete spectroscopy of ^{211}Po below 2.0 MeV via the $(T_{J\pi})_{T_{J\pi}}$ transition. <i>Physical Review C</i> , 2021, 103, .	2.9	2
373	Detailed study of the decay of ^{32}Ar . <i>European Physical Journal A</i> , 2021, 57, 1.	2.5	2
374	Determination of the ^{60}Zn level density from neutron evaporation spectra. <i>Physical Review C</i> , 2021, 103, .	2.9	2
375	^{25}Si β -decay spectroscopy. <i>Physical Review C</i> , 2021, 103, .	2.9	2
376	Data-driven configuration-interaction Hamiltonian extrapolation to ^{60}Ca . <i>Physical Review C</i> , 2021, 104, .	2.9	2
377	Shell-model picture of virtual detour transitions in ^{41}Ca radiative electron-capture decay. <i>Physical Review C</i> , 1996, 53, 1593-1598.	2.9	1
378	What is the effective nuclear Hamiltonian?. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1999, 25, 623-628.	3.6	1

#	ARTICLE	IF	CITATIONS
379	SURPRISING FEATURES OF SIMPLE NUCLEAR SYSTEMS JUST ABOVE ^{132}Sn . , 2008, , .		1
380	Configuration interactions constrained by energy density functionals. Journal of Physics: Conference Series, 2011, 267, 012028.	0.4	1
381	E6 Gamma Decay. , 2011, , .		1
382	γ constraints on the properties of unbound ^{32}Cl levels. Physical Review C, 2012, 86, .	2.9	1
383	Reply to "Comment on "Neutron knockout of ^{12}Be populating neutron-unbound states in ^{11}Be ". Physical Review C, 2012, 86, .	2.9	1
384	Exploring the neutron dripline two neutrons at a time: The first observations of the ^{26}O and ^{16}Be ground state resonances. Journal of Physics: Conference Series, 2013, 420, 012052.	0.4	1
385	Shell-model studies of the $^{34}\text{g,mCl}(p, i^{-1})$ ^{35}Ar rp reaction rates. Journal of Physics: Conference Series, 2018, 966, 012026.	0.4	1
386	LOW-ENERGY MAGNETIC RADIATION ENHANCEMENT WITHIN THE NUCLEAR SHELL MODEL. Journal of Physics: Conference Series, 2018, 966, 012031.	0.4	1
387	Toward complete spectroscopy using ^{12}C decay: The example of $^{32}(\text{C}^{12})\text{S}^{32}$. Physical Review C, 2018, 98, .	2.9	1
388	Reactions leading to the first excited states of ^{7}Li and ^{7}Be and isospin-mixed states in ^{8}Be . Physical Review C, 2019, 99, .	2.9	1
389	γ -ray spectroscopy of experimental study of the nature of the ^{13}C and ^{13}N excited states in ^{13}C and ^{13}N . Physical Review C, 2019, 99, .	2.9	1
390	Experimental study of the nature of the ^{13}C and ^{13}N excited states in ^{13}C and ^{13}N . Physical Review C, 2019, 99, .	2.9	1
391	The Nuclear Configuration Interactions Method. Springer Proceedings in Physics, 2019, , 3-31.	0.2	1
392	New USD Hamiltonians for the sd shell. , 0, .		1
393	The Nuclear Shell Model for Nuclei in the Region of ^{208}Pb . , 2011, , 117-125.		1
394	Half-life measurement of the 199-keV isomeric state in ^{76}Ga . Physical Review C, 2022, 105, .	0.4	1
395	The beta decay of ^{48}Mn : Gamow-Teller quenching in fp-shell nuclei. AIP Conference Proceedings, 1987, , .	0.4	0
396	Order and disorder in the nuclear shell model. , 1997, , 68-92.		0

#	ARTICLE	IF	CITATIONS
397	Coulomb excitation of neutron rich light nuclei. , 1997, , .		0
398	Search for physics beyond the standard model via a polarization-asymmetry correlation experiment on. , 1997, , .		0
399	\hat{I}^2 -NMR measurement of the nuclear quadrupole moments of. , 1998, , .		0
400	Beta strength distribution in neutron-deficient nuclei. , 1998, , .		0
401	Low-Lying Dipole Strength In ^{200}O . AIP Conference Proceedings, 2003, , .	0.4	0
402	Polarization Transfer in the $^{16}\text{O}(p, p\hat{E}^1)$ Reaction at Forward Angles and Structure of the Spin-dipole Resonances. AIP Conference Proceedings, 2003, , .	0.4	0
403	New effective Hamiltonians for the sd shell. Journal of Physics: Conference Series, 2006, 49, 132-137.	0.4	0
404	NUCLEAR STRUCTURE AND FUNDAMENTAL SYMMETRIES. , 2009, , .		0
405	Gamow-Teller transition of the proton-rich nucleus ^{24}Si . , 2010, , .		0
406	Mirror asymmetry for B(GT) of ^{24}Si induced by Thomas-Ehrman shift. , 2010, , .		0
407	$2p$ radioactivity studies with a TPC. , 2011, , .		0
408	Structure of unstable nuclei around $N=28$ described by a shell model with the monopole-based universal interaction. , 2011, , .		0
409	Evolution of Single-Particle Energies for $N=9$ Nuclei at Large N/Z . EPJ Web of Conferences, 2014, 66, 03098.	0.3	0
410	Magic Numbers in Exotic Nuclei and Spin-Isospin properties of NN Interaction. , 2002, , 41-48.		0
411	Frontiers and challenges of nuclear shell model. , 2003, , 267-271.		0
412	STATISTICAL ASPECTS OF THE SHELL-MODEL: BROKEN ISOSPIN SYMMETRY. , 2003, , .		0
413	CI AND EDF APPLICATIONS IN LIGHT NUCLEI TOWARDS THE DRIP LINE. , 2008, , .		0
414	FIRST OBSERVATION OF NEW NEUTRON-RICH MAGNESIUM, ALUMINUM AND SILICON ISOTOPES. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
415	Shell-Model Calculations for Exotic Nuclei. , 1990, , 295-319.		0
416	A New Look to the Nuclear Structure Calculations of the PNC Cases in A=18-21 Nuclei. NATO ASI Series Series B: Physics, 1994, , 355-356.	0.2	0
417	Discovery of $34g, mCl(p, \hat{1}^3)35Ar$ Resonances Relevant for Classical Nova Nucleosynthesis. , 2017, , .		0
418	Low Energy Magnetic Radiation (LEMAR) of Warm Nuclei. , 2017, , .		0
419	Microscopic CI Plus EDF Models for E0 Gamma Decay Matrix Elements. , 2017, , .		0
420	Reorientation-effect measurement of the $\langle m_l \rangle$ matrix element in ^{209}Bi . Physical Review C, 2021, 104, .		0