

B Alex Brown

List of Publications by Year in descending order

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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	Half-life measurement of the 199-keV isomeric state in ^{76}Ga . Physical Review C, 2022, 105, .		1
2	Ground state magnetic dipole moment of ^{40}Sc . Physical Review C, 2022, 105, .		4
3	The Nuclear Shell Model towards the Drip Lines. Physics, 2022, 4, 525-547.	1.4	8
4	Constraining the P and $3P_1$ decays of ^{30}P . Physical Review C, 2021, 103, .	7.8	4
5	1827 Detailed study of the decay of ^{32}Ar . European Physical Journal A, 2021, 57, 1.	2.5	2
6	Determination of the ^{60}Zn level density from neutron evaporation spectra. Physical Review C, 2021, 103, .	2.9	2
7	Exploiting Isospin Symmetry to Study the Role of Isomers in Stellar Environments. Physical Review Letters, 2021, 126, 042701.	7.8	4
8	Competition between allowed and first-forbidden I^{π} decays of ^{208}At and expansion of the		6
9	Exploiting the role of high- J configurations in collective observables through the Coulomb excitation of ^{100}Cd . Physical Review C, 2021, 103, .	2.9	10
10	Quadrupole collectivity in the neutron-rich sulfur isotopes ^{38}S and ^{40}S . Physical Review C, 2021, 103, .	2.9	10
11	I^{π} -ray spectroscopy of ^{37}P . Physical Review C, 2021, 103, .	2.9	1
12	Hidden Spin-Isospin Exchange Symmetry. Physical Review Letters, 2021, 127, 062501.	7.8	9
13	4D-imaging of drip-line radioactivity by detecting proton emission from ^{54}mNi pictured with ACTAR TPC. Nature Communications, 2021, 12, 4805.	12.8	9
14	Spectroscopy of states in ^{136}Ba using the $^{138}\text{Ba}(p,t)$ reaction. Physical Review C, 2021, 104, .	2.9	4
15	Neutron-unbound states in ^{31}Ne . Physical Review C, 2021, 104, .	2.9	8
16	Experimental study of the nature of the 1^{-} and 2^{-} excited states in ^{29}Ne .	2.9	1
17	Charge Radius of Neutron-Deficient ^{25}Si . Physical Review C, 2021, 103, .	2.9	2
18	Charge Radius of Neutron-Deficient ^{54}Ni and Symmetry Energy Constraints Using the Difference in Mirror Pair Charge Radii. Physical Review Letters, 2021, 127, 182503.	7.8	29

#	ARTICLE	IF	CITATIONS
19	Data-driven configuration-interaction Hamiltonian extrapolation to Ca60. Physical Review C, 2021, 104, .	2.9	2
20	Identification of a new isomeric state in ^{76}Zn following the ^{76}Zn decay of ^{76}Zn . Physical Review C, 2021, 104, .	2.9	4
21	Redirection of the effect of the ^{68}Cu shape changes in the ^{68}Cu Island of Inversion: Collective Structures Built on Configuration-Coexisting States in ^{68}Cu . Physical Review C, 2021, 104, .	2.9	0
22	Island of Inversion: Collective Structures Built on Configuration-Coexisting States in ^{68}Cu . Physical Review C, 2021, 104, .	7.8	14
23	Shell-model studies of the astrophysical rp -process reactions $S34(p, ^{3}\text{He})\text{Cl}35$ and $\text{Cl}34g, m(p, ^{3}\text{He})\text{Ar}35$. Physical Review C, 2020, 102, .	2.9	4
24	Microscopic calculations of nuclear level densities with the Lanczos method. Physical Review C, 2020, 102, .	2.9	12
25	Accessing the Single-Particle Structure of the Pygmy Dipole Resonance in Pb208. Physical Review Letters, 2020, 125, 102503.	7.8	15
26	Low-energy ^{23}Al -delayed proton decay and ^{23}Al destruction in novae. Physical Review C, 2020, 101, .	2.9	9
27	Octupole states in ^{207}Tl studied through ^{207}Tl decay. Physical Review C, 2020, 101, .	2.9	11
28	New isospin-breaking ϵ -Hamiltonians for the sd shell. Physical Review C, 2020, 101, .	2.9	25
29	Electric and magnetic dipole strength in ^{54}Fe . Physical Review C, 2020, 101, .	2.9	6
30	Two-neutron knockout as a probe of the composition of states in ^{23}Al and ^{23}Mg . Physical Review C, 2020, 101, .	2.9	13
31	Intruder dominance in the ^{42}Si state of ^{42}Si . Physical Review C, 2020, 101, .	2.9	13
32	Intruder dominance in the ^{32}Mg state of ^{32}Mg . Physical Review C, 2020, 101, .	2.9	13
33	^{86}Kr studied with a novel ^{86}Kr via the ^{86}Kr . Physical Review C, 2020, 101, .	2.9	13

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37	Is the Structure of ^{42}Si Understood? Physical Review Letters, 2019, 122, 222501.	7.8	15
38	Triaxiality in selenium-76. Physical Review C, 2019, 99, .	2.9	19
39	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
40	Hybrid model for two-proton radioactivity. Physical Review C, 2019, 100, .	2.9	16
41	Constraints on Skyrme equations of state from doubly magic nuclei, ab initio calculations of low-density neutron matter, and neutron stars. Physical Review C, 2019, 100, .	2.9	11
42	The Nuclear Configuration Interations Method. Springer Proceedings in Physics, 2019, , 3-31.	0.2	1
43	Shell-model studies of the $^{34}\text{g,mCl}(p, \hat{1}^3)$ ^{35}Ar rp reaction rates. Journal of Physics: Conference Series, 2018, 966, 012026.	0.4	1
44	Impact of electron-captures on nuclei near $N = 50$ on core-collapse supernovae. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 014004.	3.6	25
45	LOW-ENERGY MAGNETIC RADIATION ENHANCEMENT WITHIN THE NUCLEAR SHELL MODEL. Journal of Physics: Conference Series, 2018, 966, 012031.	0.4	1
46	Chaos and regularity in the spectra of the low-lying dipole excitations of $^{50,52,54}\text{Cr}$. Physical Review C, 2018, 98, .	2.9	8
47	Enhanced Electric Dipole Strength for the Weakly Bound States in ^{27}Ne . Physical Review Letters, 2018, 121, 262501.	7.8	6
48	Nuclear matrix elements for the ^{76}Ge $\hat{1}^2$ decay of ^{76}Ge . Journal of Physics: Conference Series, 2018, 966, 012017.	0.4	3
49	Two-neutron and core-excited states in ^{210}Pb : Tracing Enhanced low-energy ^{210}Pb $\hat{1}^3$ strength of ^{210}Pb . Physical Review Letters, 2018, 121, 012501.	2.9	13
50	Enhanced low-energy ^{210}Pb $\hat{1}^3$ strength of ^{210}Pb and its robustness within the shell model. Physical Review C, 2018, 97, .	2.9	28
51	Lifetime Measurements and Triple Coexisting Band Structure in ^{54}S . Physical Review Letters, 2018, 121, 012501.	7.8	8
52	Toward complete spectroscopy using $\hat{1}^2$ decay: The example of $^{32}\text{Cl}(\hat{1}^3)\text{S}$. Physical Review C, 2018, 98, .	2.9	1
53	Detailed study of the decay $^{31}\text{S}(\hat{1}^2)\text{S}$. Physical Review C, 2018, 97, .	2.9	12
54	Chaos and Regularity in the Doubly Magic Nucleus ^{208}Pb . Physical Review Letters, 2017, 118, 012501.	7.8	33

#	ARTICLE	IF	CITATIONS
55	The oxygen isotopes. International Journal of Modern Physics E, 2017, 26, 1740003.	1.0	9
56	Nuclear structure of ^{76}Ge from inelastic neutron scattering measurements and shell model calculations. Physical Review C, 2017, 95, .	2.9	36
57	Microscopic method for E_0 transition matrix elements. Physical Review C, 2017, 95, .	2.9	0
58	Low-Energy Magnetic Dipole Radiation in Open-Shell Nuclei. Physical Review Letters, 2017, 118, 092502.	7.8	49
59	White paper on nuclear astrophysics and low energy nuclear physics Part 1: Nuclear astrophysics. Progress in Particle and Nuclear Physics, 2017, 94, 1-67.	14.4	32
60	New portal to the ^{15}O β^+ decay. Realistic calculations for c coefficients of the isobaric mass multiplet equation in $1p0f$ shell nuclei. Physical Review C, 2017, 96, .	2.9	14
61	Realistic calculations for c coefficients of the isobaric mass multiplet equation in $1p0f$ shell nuclei. Physical Review C, 2017, 96, .	2.9	14
62	Mirror Charge Radii and the Neutron Equation of State. Physical Review Letters, 2017, 119, 122502.	7.8	40
63	Isospin mixing from ^{208}Pb -delayed proton emission. Physical Review C, 2017, 95, .	2.9	11
64	Nuclear Matrix Elements for Tests of Local Lorentz Invariance Violation. Physical Review Letters, 2017, 119, 192504.	7.8	5
65	Confirmation of the isomeric state in ^{208}Pb . Physical Review C, 2017, 96, .	2.9	3
66	Doubly magic ^{208}Pb : High-spin states, isomers, and ^{208}Pb β^+ decay. Physical Review C, 2017, 96, .	2.9	21
67	^{211}Po β^+ decay below 2.0 MeV via the $(T_{1/2} = 0.784314 \text{ s})$ ^{211}Po β^+ decay. Physical Review C, 2017, 96, .	2.9	0
68	Low energy magnetic radiation enhancement in the ^{211}Po β^+ decay. Physical Review C, 2017, 95, .	2.9	0
69	Discovery of $^{34}\text{g.mCl}(p, \hat{p})^{35}\text{Ar}$ Resonances Relevant for Classical Nova Nucleosynthesis. , 2017, , .		0
70	Low Energy Magnetic Radiation (LEMAR) of Warm Nuclei. , 2017, , .		0
71	Microscopic CI Plus EDF Models for E_0 Gamma Decay Matrix Elements. , 2017, , .		0
72	In-beam ^{38}S -ray spectroscopy of ^{42}Ca . Physical Review C, 2017, 95, .	2.9	13

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73	Single-particle structure at N=29: The structure of Ar47 and first spectroscopy of S45. Physical Review C, 2016, 93, .	2.9	12
74	Isobaric multiplet mass equation in the A=31, T=3/2 quartets. Physical Review C, 2016, 93, .	2.9	10
75	One-neutron pickup into the $1p_{1/2}$ shell in the $^{26}\text{Al}(d,n)^{27}\text{Si}$ reaction. Physical Review C, 2016, 94, .	7.8	31
76	Bound neutron strength at $^{26}\text{Al}(d,n)^{27}\text{Si}$ reaction. Physical Review C, 2016, 94, .	2.9	14
77	Delayed decay of ^{26}Al from $^{26}\text{Al}(d,n)^{27}\text{Si}$ reaction. Physical Review C, 2016, 94, .	2.9	29
78	Reexamined. Physical Review C, 2016, 94, .	2.9	26
79	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
80	Evaluation of the theoretical nuclear matrix elements for $^{26}\text{Al}(d,n)^{27}\text{Si}$ reaction. Physical Review C, 2015, 92, .	2.9	35
81	Revalidation of the isobaric multiplet mass equation for the $^{26}\text{Al}(d,n)^{27}\text{Si}$ reaction. Physical Review C, 2015, 92, .	2.9	20
82	Spectroscopy of Na28: Shell evolution toward the drip line. Physical Review C, 2015, 92, .	2.9	8
83	Octupole transitions in the ^{208}Pb region. Journal of Physics: Conference Series, 2015, 580, 012010.	0.4	9
84	Discovery of $^{34}\text{g,mCl}(p,\hat{1}^3)^{35}\text{Ar}$ resonances activated at classical nova temperatures. Physical Review C, 2015, 91, .	2.9	10
85	Precision evaluation of the $^{34}\text{g,mCl}(p,\hat{1}^3)^{35}\text{Ar}$ resonances. Physical Review C, 2015, 91, .	2.9	24
86	Spectroscopy of narrow, high-lying, low-spin states in ^{26}Al . Physical Review C, 2015, 91, .	2.9	10
87	Magnetism of an Excited Self-Conjugate Nucleus: Precise Measurement of the g Factor of the $^{21+}$ State in ^{24}Mg . Physical Review Letters, 2015, 114, 062501.	7.8	12
88	Neutron single-particle strength in silicon isotopes: Constraining the driving forces of shell evolution. Physical Review C, 2015, 91, .	2.9	12
89	Magnetic response of the halo nucleus ^{19}C studied via Large Low-Energy $^{19}\text{C}(p,\hat{1}^3)^{20}\text{N}$ reaction. Physical Review C, 2015, 91, .	2.9	9
90	Strength for $^{56}\text{Fe}(p,\hat{1}^3)^{57}\text{Co}$ reaction. Physical Review C, 2015, 91, .	7.8	65

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91	Nuclear Structure Aspects of Neutrinoless Double- β Decay. Physical Review Letters, 2014, 113, 262501.	7.8	43
92	High-resolution two-proton stripping to 2p-1h $7/2^-$ states via the $^{59}\text{Co}(^3\text{He},n)^{61}\text{Cu}$ reaction. European Physical Journal A, 2014, 50, 1.	2.5	3
93	Modification of the Brink-Axel hypothesis for high-temperature nuclear weak interactions. Physical Review C, 2014, 90, .	2.9	34
94	Structure of ^{13}Be probed via secondary-beam reactions. Physical Review C, 2014, 89, .	2.9	31
95	Thermonuclear β -decay of ^{42}Ti . Physical Review Letters, 2014, 113, 082501.	2.9	34
96	Excited states in the neutron-rich nucleus ^{25}F . Physical Review C, 2014, 89, .	2.9	14
97	Neutrinoless double- β decay of ^{82}Se in the shell model: Beyond the closure approximation. Physical Review C, 2014, 89, .	2.9	44
98	Single-particle structure of silicon isotopes approaching ^{42}Si . Physical Review C, 2014, 90, .	2.9	49
99	Shell-model studies of the astrophysical rapid proton-capture reaction $^{30}\text{S}(p,\gamma)^{31}\text{P}$. Physical Review C, 2014, 89, .	2.9	19
100	Breakdown of the Isobaric Multiplet Mass Equation for the ^{20}Ne multiplets. Physical Review Letters, 2014, 113, 082501.	7.8	34
101	of semi-magic ^{58}Ni and ^{60}Ni . Physical Review C, 2013, 88, .	2.9	27
102	Gamow-Teller transitions in the $A=40$ isospectrum of relevance for neutrino captures in ^{40}Ar . Physical Review C, 2014, 89, .	2.9	12
103	Constraints on Skyrme equations of state from properties of doubly magic nuclei and i -calculations of low-density neutron matter. Physical Review C, 2014, 89, .	2.9	46
104	Evolution of Single-Particle Energies for $N=9$ Nuclei at Large N/Z . EPJ Web of Conferences, 2014, 66, 03098.	0.3	0
105	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
106	Investigating β -decay properties of spherical nuclei along the possible β -decay process path. Physical Review C, 2013, 88, .	2.9	28
107	^{22}Na studied by the thick-target inverse-kinematic method. Physical Review C, 2013, 88, .	2.9	15
108	Neutrino-pair emission from hot nuclei during stellar collapse. Physical Review C, 2013, 88, .	2.9	10

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109	Spectroscopy of F_{26} to Probe Proton-Neutron Forces Close to the Drip Line. Physical Review Letters, 2013, 110, 082502.	7.8	24
110	Structure of ^{14}B and the evolution of $N=9$ single-neutron isotones. Physical Review C, 2013, 88, .	2.9	19
111	Constraints on the Skyrme Equations of State from Properties of Doubly Magic Nuclei. Physical Review Letters, 2013, 111, 232502.	7.8	87
112	Pairing in Light and Exotic Nuclei. , 2013, , 179-199.		2
113	Two-proton removal from ^{44}S and the structure of ^{42}Si . Physical Review C, 2013, 87, . Shell-model studies of the astrophysical rp reaction	2.9	8
114	msup mrow		

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127	Neutron unbound states in ^{28}Ne and ^{25}F . Physical Review Letters, 2013, 110, 062501.	2.9	6
128	Probing Configuration Mixing in ^{12}Be with Gamow-Teller Transition Strengths. Physical Review Letters, 2012, 108, 122501.	7.8	47
129	$r_{p\alpha}$ reaction		

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145	Inverse-kinematics one-neutron pickup with fast rare-isotope beams. Physical Review C, 2011, 83, . In-beam ^{13}C -ray spectroscopy	2.9	11
146	of ^{26}Mg and ^{35}S	2.9	21
147	One- and two-neutron removal reactions from $^{19,20}\text{C}$ with a proton target. Physical Review C, 2011, 84, .	2.9	15
148	Triple configuration coexistence in ^{44}S . Physical Review C, 2011, 83, .	2.9	64
149	and ^{26}Mg	2.9	34
150	Emergence of the $N=16$ shell gap in ^{21}O . Physical Review C, 2011, 84, .	2.9	35
151	Neutron-unbound states in ^{25}F . Physical Review C, 2011, 84, .	2.9	16
152	Effects of isospin mixing in the ^{32}Ar quintet. Physical Review C, 2011, 84, .	2.9	25
153	E6 Gamma Decay. , 2011, , .		1
154	Structure of unstable nuclei around $N=28$ described by a shell model with the monopole-based universal interaction. , 2011, , .		0
155	The Nuclear Shell Model for Nuclei in the Region of ^{208}Pb . , 2011, , 117-125.		1
156	^{15}C stretchy="false"> (^{15}C) ^{15}C Overlock		0
157	Magnetic moments of ^{3}T pairs. Physical Review C, 2010, 82, .	2.9	13
158	First observation of excited states in ^{12}Li . Physical Review C, 2010, 81, .	2.9	26
159	strength in ^{15}Pb	2.9	48
160	Population of positive-parity states in ^{53}Sc through one-proton knockout. Physical Review C, 2010, 81, .	2.9	9
161	First Experiment with HELIOS: The Structure of ^{13}B . Physical Review Letters. 2010, 104, 132501.	7.8	36
162	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

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163	<code>math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" <mml:mmultiscripts><mml:mi mathvariant="normal">P</mml:mi><mml:mprescripts /><mml:none /><mml:mn>34</mml:mn></mml:mmultiscripts><mml:mo</code>		

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181	Gamow-Teller strength for the analog transitions to the first 1^- state in ^{24}Mg . Spectroscopy of ^{24}Mg via the $^{24}\text{Mg}(t,^3\text{He})^{24}\text{Al}$ reaction. Physical Review C, 2008, 78, .	2.9	22
182	Extraction of Gamow-Teller strengths with the $^{24}\text{Mg}(t,^3\text{He})^{24}\text{Al}$ reaction. Physical Review C, 2008, 78, .	2.9	20
183	Shell observables for the USDA and USDB Hamiltonians. Physical Review C, 2008, 78, .	2.9	131
184	In-beam ^3He -ray spectroscopy and inclusive two-proton knockout cross section measurements at $N \approx 40$. Physical Review C, 2008, 77, .	2.9	82
185	In-beam ^3He -ray spectroscopy of the neutron-rich nitrogen isotopes ^{19}N and ^{22}N . Physical Review C, 2008, 77, .	2.9	44
186	Gamow-Teller strengths in ^{24}Mg using the $^{24}\text{Mg}(t,^3\text{He})^{24}\text{Al}$ reaction at 115 A MeV. Physical Review C, 2008, 78, .	2.9	10
187	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
188	Disappearance of the 1^- shell gap in the carbon isotopic chain. Physical Review C, 2008, 78, .	2.9	11
189	Single-neutron knockout from intermediate energy beams of ^{30}Mg and ^{32}Mg . Physical Review C, 2008, 77, .	2.9	82
190	Many-body approximations in the ^{24}Mg shell. Physical Review C, 2008, 78, .	2.9	5
191	$T_{1/2}$ of the $0^+ \rightarrow 1^+$ decay of ^{32}Ar : A measurement of isospin symmetry breaking in a superallowed decay. Physical Review C, 2008, 77, .	2.9	42
192	SURPRISING FEATURES OF SIMPLE NUCLEAR SYSTEMS JUST ABOVE ^{132}Sn . , 2008, , .		1
193	CI AND EDF APPLICATIONS IN LIGHT NUCLEI TOWARDS THE DRIP LINE. , 2008, , .		0
194	FIRST OBSERVATION OF NEW NEUTRON-RICH MAGNESIUM, ALUMINUM AND SILICON ISOTOPES. , 2008, , .		0
195	Spectroscopy of ^{36}Mg : Interplay of Normal and Intruder Configurations at the Neutron-Rich Boundary of the β -Stable Island of Inversion. Physical Review Letters, 2007, 99, 072501.	7.8	78
196	Extraction of Weak Transition Strengths via the $^{24}\text{Mg}(t,^3\text{He})^{24}\text{Al}$ Reaction. Physical Review Letters, 2007, 99, 072501.	7.8	64
197	Spectroscopy of ^{20}Mg . The isobaric mass multiplet equation for the ^{20}Mg multiplet. Physical Review C, 2007, 76, 024301.	2.9	22
198	Proton single-particle energies in ^{23}F . Physical Review C, 2007, 75, .	2.9	7

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199	Kinematics one-proton pickup with intermediate-energy beams: The ${}^{10}\text{Be}$		

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217	Measurement of Excited States in ^{40}Si and Evidence for Weakening of the $N=28$ Shell Gap. <i>Physical Review Letters</i> , 2006, 97, 112501.	7.8	49
218	Level structure of ^{21}Mg : Nuclear and astrophysical implications. <i>Physical Review C</i> , 2006, 73, .	2.9	13
219	New π - ν Hamiltonians for the sd shell. <i>Physical Review C</i> , 2006, 74, .	2.9	521
220	Two-neutron knockout from neutron-deficient ^{34}Ar , ^{30}S , and ^{26}Si . <i>Physical Review C</i> , 2006, 74, .	2.9	58
221	Shell model analysis of the ^{56}Ni spectrum in the full pf model space. <i>Physical Review C</i> , 2006, 73, .	2.9	44
222	Effective interaction for nuclei of $A = 50 \leq A < 100$ and Gamow-Teller properties. <i>Journal of Physics: Conference Series</i> , 2005, 20, 7-12.	0.4	60
223	A new interaction for the sd shell?. <i>Journal of Physics: Conference Series</i> , 2005, 20, 145-152.	0.4	5
224	Shell-model description of neutron-rich pf -shell nuclei with a new effective interaction GXPF 1. <i>European Physical Journal A</i> , 2005, 25, 499-502.	2.5	345
225	On the structure of the anomalously low-lying $5/2^+$ state of ^{135}Sb . <i>European Physical Journal A</i> , 2005, 25, 123-124.	2.5	8
226	New level information on $Z = 51$ isotopes, ^{111}Sb , ^{134}Sb , ^{135}Sb , ^{83}Sb , ^{84}Sb . <i>European Physical Journal A</i> , 2005, 25, 121-122.	2.5	9
227	Structure of neutron-rich even-even ^{124}Cd , ^{126}Cd . <i>European Physical Journal A</i> , 2005, 25, 117-118.	2.5	18
228	Statistical properties and broken symmetries within the shell model. <i>Physical Review C</i> , 2005, 71, .	2.9	6
229	Magic numbers in the neutron-rich oxygen isotopes. <i>Physical Review C</i> , 2005, 72, .	2.9	45
230	Level structure of odd-odd ^{134}Sb populated in the ^{134}Sn decays of ^{134}Sn , ^{135}Sn . <i>Physical Review C</i> , 2005, 71, .	2.9	31
231	Two-proton radioactivity studies with ^{45}Fe and ^{48}Ni . <i>Physical Review C</i> , 2005, 72, .	2.9	120
232	Identification of shell-model states in ^{135}Sb populated via ^{135}Sn decay of ^{135}Sn . <i>Physical Review C</i> , 2005, 72, .	2.9	20
233	Reduced transition probabilities to the first 2^+ state in ^{52}Ti , ^{54}Ti , ^{56}Ti and development of shell closures at $N=32,34$. <i>Physical Review C</i> , 2005, 71, .	2.9	130
234	Revised result for the $^{32}\text{Cl}(p, \hat{p})^{33}\text{Ar}$ reaction rate for astrophysical r -process calculations. <i>Physical Review C</i> , 2005, 72, .	2.9	24

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235	Nuclear moments of neon isotopes in the range from Ne17 at the proton drip line to neutron-rich Ne25. Physical Review C, 2005, 71, .	2.9	40
236	Magnetic moments of the 21+ states around Sn132. Physical Review C, 2005, 71, .	2.9	194
237	β^2 -decay of ^{22}O . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 553-561.	3.6	19
238	Magnetic moment of ^{17}Ne using $\hat{\text{A}}$ -NMR and tilted foil polarization. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 519-524.	3.6	5
239	Correlated two-nucleon stripping reactions. Physical Review C, 2004, 70, .	2.9	58
240	New Approach for Measuring Properties of rp-Process Nuclei. Physical Review Letters, 2004, 92, 172502.	7.8	33
241	Absolute spectroscopic factors from neutron knockout on the halo nucleus ^{15}C . Physical Review C, 2004, 69, .	2.9	56
242	$N=14$ and 16 shell gaps in neutron-rich oxygen isotopes. Physical Review C, 2004, 69, .	2.9	194
243	Isospin symmetry of $T_z = \hat{A} \pm 3 \hat{A} \pm 2 \hat{A} \pm 1 \hat{A} \pm 2$ Gamow-Teller transitions in $A=41$ nuclei. Physical Review C, 2004, 70, .	2.9	22
244	Reduced Occupancy of the Deeply Bound $0d_{5/2}$ Neutron State in ^{32}Ar . Physical Review Letters, 2004, 93, 042501.	7.8	97
245	New $T=1$ effective interactions for the $f_5 \hat{A} \pm 2 p_3 \hat{A} \pm 2 p_1 \hat{A} \pm 2 g_9 \hat{A} \pm 2$ model space: Implications for valence-mirror symmetry and seniority isomers. Physical Review C, 2004, 70, .	2.9	147
246	One-neutron knockout reactions on proton-rich nuclei with $N=16$. Physical Review C, 2004, 69, .	2.9	53
247	Nuclear structure in the vicinity of $N=Z=28$ Ni56. Physical Review C, 2004, 70, .	2.9	41
248	Low-lying levels in ^{59}Cr : Inadequacy of the fp model space and onset of deformation. Physical Review C, 2004, 69, .	2.9	50
249	Beta-decay of ^{71}Co and ^{73}Co . European Physical Journal A, 2004, 22, 455-459.	2.5	32
250	Observation of bound excited states in ^{15}B . European Physical Journal A, 2004, 22, 5-8.	2.5	17
251	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
252	Study of drip line nuclei through two-step fragmentation. European Physical Journal A, 2003, 20, 95-96.	2.5	62

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