

# Alfredo Galindo-Uribarri

## List of Publications by Year in descending order

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257  
papers

6,574  
citations

61984

43  
h-index

95266

68  
g-index

258  
all docs

258  
docs citations

258  
times ranked

3048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of coherent elastic neutrino-nucleus scattering. Science, 2017, 357, 1123-1126.	12.6	500
2	Superdeformation in the Doubly Magic Nucleus $^{20}\text{C}$ . Physical Review Letters, 2001, 87, 222501.	7.8	184
3	Search for Neutrinoless Double- $\beta$ Decay in $^{76}\text{Ge}$ . Physical Review Letters, 2001, 87, 222501.	7.8	162
4	The MAJORANA DEMONSTRATOR Neutrinoless Double-Beta Decay Experiment. Advances in High Energy Physics, 2014, 2014, 1-18.	1.1	158
5	Coulomb Excitation of Radioactive $^{132,134,136}\text{Te}$ Beams and the Low $B(E2)$ of $^{136}\text{Te}$ . Physical Review Letters, 2002, 88, 222501.	7.8	153
6	Superdeformation in the $N=Z$ Nucleus $^{36}\text{Ar}$ : Experimental, Deformed Mean Field, and Spherical Shell Model Descriptions. Physical Review Letters, 2000, 85, 2693-2696.	7.8	143
7	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, .	0.4	126
8	Performance of the Recoil Mass Spectrometer and its detector systems at the Holifield Radioactive Ion Beam Facility. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 450, 12-29.	1.6	119
9	First Measurement of Coherent Elastic Neutrino-Nucleus Scattering on Argon. Physical Review Letters, 2021, 126, 012002.	7.8	117
10	Decay of a Resonance in $^{18}\text{Ne}$ by the Simultaneous Emission of Two Protons. Physical Review Letters, 2001, 86, 43-46.	7.8	106
11	Decay Out of the Doubly Magic Superdeformed Band in the $N=Z$ Nucleus $^{26}\text{O}$ . Physical Review Letters, 1999, 82, 3400-3403.	7.8	99
12	First Search for Short-Baseline Neutrino Oscillations at HFIR with PROSPECT. Physical Review Letters, 2018, 121, 251802.	7.8	99
13	The Majorana Demonstrator radioassay program. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 828, 22-36.	1.6	86
14	The mass dependence of CsI(Tl) scintillation response to heavy ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 320, 273-276.	1.6	81
15	The proton $h_{11/2}$ intruder orbital: Evidence for collectivity and a strong proton-neutron interaction. Physical Review Letters, 1993, 70, 1065-1068.	7.8	80
16	First evidence for the hyperdeformed nuclear shape at high angular momentum. Physical Review Letters, 1993, 71, 231-234.	7.8	76
17	New features of collective nuclear rotation at very high frequency in $^{109}\text{Sb}$ . Physical Review Letters, 1994, 72, 1160-1163.	7.8	69
18	$B(E2)$ Measurements for Radioactive Neutron-Rich Ge Isotopes: Reaching the $N=50$ Closed Shell. Physical Review Letters, 2005, 94, 122501.	7.8	67

#	ARTICLE	IF	CITATIONS
19	One-phonon isovector $2^+$ in the neutron-rich nucleus $^{132}\text{Te}$ . <i>Physical Review C</i> , 2011, 84, .	2.9	65
20	Intruder bands in $^{108}\text{Sn}$ . <i>Nuclear Physics A</i> , 1993, 559, 461-476.	1.5	64
21	Smooth Termination of Rotational Bands in $^{Z62}\text{n}$ : Evidence for a Loss of Collectivity. <i>Physical Review Letters</i> , 1998, 80, 2558-2561.	7.8	63
22	Lifetime Measurements of Superdeformed Bands in $^{148}\text{Gd}$ and $^{152}\text{Dy}$ : Evidence for Structure-Dependent Elongations. <i>Physical Review Letters</i> , 1996, 76, 4480-4483.	7.8	60
23	Enhanced Fusion-Evaporation Cross Sections in Neutron-Rich $^{132}\text{Sn}$ on $^{64}\text{Ni}$ . <i>Physical Review Letters</i> , 2003, 91, 152701.	7.8	60
24	Improved short-baseline neutrino oscillation search and energy spectrum measurement with the PROSPECT experiment at HFIR. <i>Physical Review D</i> , 2021, 103, .	4.7	60
25	Collective properties of $^{48}\text{Cr}$ at high spin. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 387, 266-270.	4.1	59
26	Multiple superdeformed bands in $^{153}\text{Dy}$ . <i>Physical Review Letters</i> , 1989, 63, 2200-2203.	7.8	56
27	Rotational bands in $^{238}\text{U}$ . <i>Nuclear Physics A</i> , 1996, 600, 88-110.	1.5	56
28	Coulomb excitation of $^{124}\text{Te}$ . <i>Physical Review C</i> , 2011, 84, .	2.9	55
29	First Nuclear Moment Measurement with Radioactive Beams by the Recoil-in-Vacuum Technique: The $21^+$ State in $^{132}\text{Te}$ . <i>Physical Review Letters</i> , 2005, 94, 192501.	7.8	54
30	The PROSPECT physics program. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 113001.	3.6	53
31	Rotational structures in $^{106}\text{Sn}$ : A new form of band termination?. <i>Physical Review C</i> , 1994, 50, 483-486.	2.9	52
32	Channel selection for high spin $\hat{I}^3$ -ray spectroscopy studies via total energy measurements in fusion-evaporation reactions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 396, 228-236.	1.6	51
33	Pre-Equilibrium Effects in the Population of Giant Dipole Resonances. <i>Physical Review Letters</i> , 1996, 77, 1448-1451.	7.8	50
34	Coulomb excitation and transfer reactions with rare neutron-rich isotopes. <i>Nuclear Physics A</i> , 2005, 752, 264-272.	1.5	50
35	Studies of superdeformation in the gadolinium nuclei. <i>Nuclear Physics A</i> , 1993, 561, 251-284.	1.5	49
36	Fusion of radioactive $^{132}\text{Sn}$ with $^{64}\text{Ni}$ . <i>Physical Review C</i> , 2007, 75, .	2.9	49

#	ARTICLE	IF	CITATIONS
37	<p>Online Magic Nature of <math>\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 132 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{and} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Pb} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 235 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle</math></p>	7.8	47
38	The $^{12}\text{C}^{22+}$ molecule and radiocarbon dating by accelerator mass spectrometry. Nuclear Instruments & Methods in Physics Research B, 1984, 5, 208-210.	1.4	46
39	Nuclear structure studies with heavy neutron-rich RIBS at the HRIBF. Nuclear Physics A, 2004, 746, 83-89.	1.5	46
40	Characteristics of signals originating near the lithium-diffused N <sup>+</sup> contact of high purity germanium p-type point contact detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 701, 176-185.	1.6	46
41	$^{10}\text{C}$ Superallowed Branching Ratio and the Cabibbo-Kobayashi-Maskawa Matrix Unitarity. Physical Review Letters, 1995, 74, 1521-1524.	7.8	45
42	Investigation into the semimagic nature of the tin isotopes through electromagnetic moments. Physical Review C, 2015, 92, .	2.9	44
43	Strongly coupled enhanced-deformation band in $^{131}\text{Pr}$ . Physical Review C, 1994, 50, R2655-R2659.	2.9	43
44	Rotational bands near the $Z=50$ closed shell: $^{111}\text{Sb}$ . Physical Review C, 1994, 50, 1819-1832.	2.9	42
45	Stable triaxiality at the highest spins in $^{138}\text{Nd}$ and $^{139}\text{Nd}$ . Physical Review C, 1999, 61, .	2.9	42
46	$\hat{I}^{\pi}=4$ Bifurcation in Identical Superdeformed Bands. Physical Review Letters, 1997, 78, 3447-3450.	7.8	40
47	Transition quadrupole moments in the superdeformed band of $^{40}\text{Ca}$ . Physical Review C, 2003, 67, .	2.9	40
48	Exclusive quasi-free proton knockout from oxygen isotopes at intermediate energies. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	40
49	The PROSPECT reactor antineutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 922, 287-309.	1.6	40
50	High-spin proton and neutron intruder configurations in $^{106}\text{Cd}$ . Nuclear Physics A, 1995, 586, 351-376.	1.5	39
51	<p>Measurement of the Antineutrino Spectrum from <math>\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{U} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 235 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle</math></p> <p>Fission at HFIR with PROSPECT. Physical Review Letters, 2019, 122, 251801.</p>	7.8	39
52	Large $B(M1)$ staggering at high spins in $^{86}\text{Zr}$ : Broken boson pairs in the four-quasiparticle regime. Physical Review Letters, 1991, 67, 2950-2953.	7.8	37
53	Smooth band termination in $^{108}\text{Sn}$ . Physical Review C, 1996, 53, 2763-2769.	2.9	37
54	Comparison of superdeformed bands in $^{61}\text{Zn}$ and $^{60}\text{Zn}$ : Possible evidence for $T=0$ pairing. Physical Review C, 1999, 60, .	2.9	37

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55	Breakup of $^{17}\text{F}$ on $^{208}\text{Pb}$ near the Coulomb barrier. <i>Physical Review C</i> , 2003, 67, .	2.9	37
56	Experiments with a $^4\text{He}$ charged-particle detector and the $^8\text{He}$ spectrometer. <i>Progress in Particle and Nuclear Physics</i> , 1992, 28, 463-472.	14.4	36
57	Superdeformed and highly deformed bands in $^{65}\text{Zn}$ and neutron-proton interactions in Zn isotopes. <i>Physical Review C</i> , 2000, 62, .	2.9	35
58	Electromagnetic properties of the $^{134}\text{Te}$ nucleus. <i>Physical Review C</i> , 2000, 62, .	2.9	35
59	Influence of core excitation on single-particle orbits beyond $^{134}\text{Te}$ . <i>Physical Review C</i> , 2000, 62, .	2.9	35
59	High-spin states in $^{107}\text{Pd}$ , $^{108}\text{Pd}$ , and $^{109}\text{Ag}$ . <i>Physical Review C</i> , 1996, 53, 2682-2700.	2.9	34
60	A smoothly terminating rotational band in Zn. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 422, 45-51.	4.1	34
61	Spectroscopy of cross-conjugate nuclei $^{46}\text{Ti}$ , $^{50}\text{Cr}$ and $^{47}\text{V}$ near the $7/2$ -shell band termination. <i>Physical Review C</i> , 1998, 58, 808-820.	2.9	34
62	Attosecond time delays in heavy-ion induced fission measured by crystal blocking. <i>Physical Review C</i> , 2008, 78, .	2.9	34
63	Projected shell model study of yrast states of neutron-deficient odd-mass Pr nuclei. <i>Physical Review C</i> , 2011, 83, .	2.9	34
64	Rotational bands and shape changes in $^{124}\text{Ba}$ . <i>Nuclear Physics A</i> , 1990, 514, 545-563.	1.5	33
65	Observation of excited proton and neutron configurations in the superdeformed $^{149}\text{Gd}$ nucleus. <i>Physical Review C</i> , 1990, 42, R1817-R1821.	2.9	33
66	Source size scaling of fragment production in projectile breakup. <i>Physical Review C</i> , 1996, 54, R973-R976.	2.9	32
67	Formation of a necklike structure in $^{35}\text{Cl}+^{12}\text{C}$ and $^{197}\text{Au}$ reactions at 43 MeV/nucleon. <i>Physical Review C</i> , 1997, 55, 1869-1880.	2.9	31
68	Band structure of $^{68}\text{Ge}$ . <i>Physical Review C</i> , 2000, 63, .	2.9	31
69	Crystal Blocking Measurements of the Time Delay of Fission Induced by $^{32}\text{S}$ , $^{48}\text{Ti}$ , and $^{58}\text{Ni}$ Bombardment of W. <i>Physical Review Letters</i> , 2007, 99, 162502.	7.8	30
70	Lifetime measurements of strongly deformed rotational bands in $^{133}\text{Pm}$ . <i>Physical Review C</i> , 1996, 54, 1057-1069.	2.9	29
71	Enhanced deformation in light Pr nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 443, 89-96.	4.1	29
72	Elastic scattering and breakup of $^{17}\text{F}$ at 10 MeV/nucleon. <i>Physical Review C</i> , 2002, 65, .	2.9	29

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73	Limits on sub-GeV dark matter from the PROSPECT reactor antineutrino experiment. Physical Review D, 2021, 104, .	4.7	29
74	Sensitivity of the COHERENT experiment to accelerator-produced dark matter. Physical Review D, 2020, 102, .	4.7	28
75	Direct Measurement of Dissipation in the $^{35}\text{Cl}+^{12}\text{C}$ Reaction at 43 MeV/nucleon. Physical Review Letters, 1996, 77, 462-465.	7.8	27
76	Magnetic moments of $21^+$ states in $^{124,126,128}\text{Sn}$ . Physical Review C, 2013, 87, .	2.9	27
77	High-precision $\beta$ of semi-magic $\text{Ni}$	2.9	27
78	New and improved phoswich detectors manufactured by a heat press technique. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 297, 404-409.	1.6	26
79	Breakup of weakly bound $^{17}\text{F}$ well above the Coulomb barrier. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 23-28.	4.1	26
80	Probing $d\rightarrow p$ cross-shell interactions via terminating configurations in $^{42,43}\text{Sc}$ . Physical Review C, 2007, 75, .	2.9	26
81	Pushing the limits of accelerator mass spectrometry. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 123-130.	1.4	26
82	Electromagnetic Moments of Radioactive $^{135}\text{Te}$	7.8	26
83	Properties of superdeformed bands in $^{153}\text{Dy}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 244-250.	4.1	25
84	Probing midrapidity source characteristics with charged particles and neutrons in the $^{35}\text{Cl}+^{12}\text{C}$ reaction at 43 MeV/nucleon. Physical Review C, 1999, 59, R565-R569.	2.9	25
85	Prompt Proton Decay Scheme of $^{59}\text{Cu}$ . Physical Review Letters, 2002, 89, 022501.	7.8	25
86	Toward complete spectroscopy of $^{128}\text{Pr}$ and rotational structures in $^{126}\text{Pr}$ . Physical Review C, 2002, 65, .	2.9	25
87	One-neutron transfer study of $^{135}\text{Ie}$ and $^{137}\text{Xe}$ by particle- $\gamma$ coincidence spectroscopy. The	2.9	25
88	Study of resonant reactions with radioactive ion beams. Nuclear Instruments & Methods in Physics Research B, 2000, 172, 647-654.	1.4	24
89	High-resolution in-beam particle spectroscopy –New results on prompt proton emission from $^{58}\text{Cu}$ . European Physical Journal A, 2002, 14, 137-146.	2.5	24
90	Dynamic polarization in the Coulomb breakup of loosely bound $^{17}\text{F}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 22-25.	4.1	24

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91	Coulomb excitation studies of $^{132,134}\text{Sn}$ . Nuclear Physics A, 2004, 746, 471-474.	1.5	23
92	Performance of a segmented $^6\text{Li}$ -loaded liquid scintillator detector for the PROSPECT experiment. Journal of Instrumentation, 2018, 13, P06023-P06023.	1.2	23
93	Superdeformation below $N=73$ . Physical Review C, 1996, 54, R454-R458.	2.9	22
94	Collective $\hat{I}^3$ -vibrational bands in $^{165}\text{Ho}$ and $^{167}\text{Er}$ . Nuclear Physics A, 1997, 624, 257-274.	1.5	22
95	Yrast structures in the neutron-deficient $^{59}\text{Pr}$ and $^{61}\text{Pm}$ nuclei. Physical Review C, 1998, 57, 2215-2221.	2.9	22
96	Spectroscopy of the proton emitter $^{109}\text{I}$ . Physical Review C, 1999, 59, R1834-R1838.	2.9	22
97	Background radiation measurements at high power research reactors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 806, 401-419.	1.6	22
98	Triaxiality near the $^{110}\text{Ru}$ ground state from Coulomb excitation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 334-338.	4.1	22
99	Intermediate energy proton scattering from $^{40}\text{Ca}$ , $^{90}\text{Zr}$ and $^{208}\text{Pb}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 205, 219-222.	4.1	21
100	Recoil distance lifetime measurements of states in the oblate dipole bands of $^{197,198}\text{Pb}$ . Physical Review C, 1994, 50, 84-92.	2.9	21
101	Physics with heavy neutron-rich RIBs at the HRIBF. European Physical Journal A, 2002, 15, 171-173.	2.5	21
102	Muon flux measurements at the davis campus of the sanford underground research facility with the majorana demonstrator veto system. Astroparticle Physics, 2017, 93, 70-75.	4.3	21
103	First constraint on coherent elastic neutrino-nucleus scattering in argon. Physical Review D, 2019, 100, .	4.7	20
104	Superdeformed band in $^{142}\text{Sm}$ . Physical Review C, 1993, 47, R433-R436.	2.9	19
105	In-beam spectroscopy study of the proton emitter $^{151}\text{Lu}$ . Physical Review C, 1998, 58, R3042-R3045.	2.9	19
106	First evidence of excited states in the near-drip-line nucleus $^{126}\text{Pr}$ and signature inversion in $^{130}\text{O}$ nuclei. Physical Review C, 2001, 63, .	2.9	19
107	Rotational structures in $^{129}\text{Nd}$ and signature splitting systematics of the $\hat{I}^{3/2}$ bands in $^{130}\text{O}$ nuclei. Physical Review C, 2002, 65, .	2.9	19
108	Coulomb excitation and transfer reactions with neutron-rich radioactive beams. European Physical Journal A, 2005, 25, 383-387.	2.5	19

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109	INFLUENCE OF NEUTRON ENRICHMENT ON DISINTEGRATION MODES OF COMPOUND NUCLEI. International Journal of Modern Physics E, 2008, 17, 2359-2362.	1.0	19
110	Light collection and pulse-shape discrimination in elongated scintillator cells for the PROSPECT reactor antineutrino experiment. Journal of Instrumentation, 2015, 10, P11004-P11004.	1.2	19
111	High-spin studies: Recent results from the 8 $\pi$ spectrometer. Nuclear Physics A, 1993, 557, 311-330.	1.5	18
112	Calibration of plastic phoswich detectors for charged particle detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 374, 63-69.	1.6	18
113	Collective rotational motion in the N=Z nucleus <sup>36</sup> Ar. Nuclear Physics A, 2001, 682, 1-11.	1.5	18
114	Magnetic and intruder rotational bands in <sup>113</sup> In. Physical Review C, 2005, 72, .	2.9	18
115	Initial Results from the Majorana Demonstrator. Journal of Physics: Conference Series, 2017, 888, 012035.	0.4	17
116	Gamma-ray spectroscopy of <sup>127</sup> Ba at moderate spins. Nuclear Physics A, 1992, 539, 547-572.	1.5	16
117	Dependence of intermediate mass fragment production on the reaction mechanism in light heavy-ion collisions at intermediate energy. Physical Review C, 1996, 53, 823-837.	2.9	16
118	Rotational bands with terminating properties in <sup>59</sup> Ni. Physical Review C, 2002, 65, .	2.9	16
119	Coulomb excitation measurements of transition strengths in the isotopes <sup>132</sup> , <sup>134</sup> Sn. European Physical Journal A, 2005, 25, 391-394.	2.5	16
120	$\hat{\Gamma}$ -ray spectroscopy of <sup>132</sup> Te through $\hat{\Gamma}^2$ decay of a <sup>132</sup> Sb radioactive beam. Physical Review C, 2005, 71, .	2.9	16
121	Lithium-loaded liquid scintillator production for the PROSPECT experiment. Journal of Instrumentation, 2019, 14, P03026-P03026.	1.2	16
122	Dissipative binary mechanisms in collisions at 25A and 35A MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 8-13.	4.1	15
123	Superdeformation in <sup>147</sup> , <sup>148</sup> Eu: Identical bands and $\hat{\Gamma}^2$ crossings. Physical Review C, 1998, 57, 2196-2204.	2.9	15
124	Intermediate-energy proton scattering to the ground and negative-parity states of <sup>40</sup> Ca, <sup>90</sup> Zr and <sup>208</sup> Pb. Nuclear Physics A, 1989, 492, 607-636.	1.5	14
125	Perturbed alignments within an $\hat{\Gamma}^2$ neutron intruder band in <sup>141</sup> Gd. Physical Review C, 1993, 47, R2447-R2451.	2.9	14
126	Rotational structures in <sup>125</sup> La and alignments in $\hat{\Gamma}^2$ <sup>130</sup> nuclei. Physical Review C, 1999, 60, .	2.9	14



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127	Search for Pauli exclusion principle violating atomic transitions and electron decay with a p-type point contact germanium detector. <i>European Physical Journal C</i> , 2016, 76, 1. How Different is the Core of $\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \langle \text{mml:mi}$	3.9	14
128	from $\langle \text{mml:mrow} \langle \text{mml:mn} \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \langle \text{mml:math}$	7.8	14
129	and $\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mi}$ Physical Review Letters, 2020, 124, 032502.	7.8	14
130	Rotational bands and neutron alignments in neutron rich odd-Acadmium isotopes. <i>Physical Review C</i> , 1994, 49, 1885-1895.	2.9	13
131	Strong population of a superdeformed band in Eu142. <i>Physical Review C</i> , 1995, 52, 99-103.	2.9	13
132	Enhancement of Superdeformed Band Population in 135Nd. <i>Physical Review Letters</i> , 1997, 78, 3832-3835.	7.8	13
133	Identification of excited states in 125Ce. <i>Physical Review C</i> , 1998, 58, 801-807.	2.9	13
134	Extruder proton-hole band in the near-drip-line nucleus 127Pr. <i>Physical Review C</i> , 1998, 58, R2626-R2630.	2.9	13
135	Exotic Nuclei. , 2010, , .		13
136	The Majorana Parts Tracking Database. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 779, 52-62.	1.6	13
137	First-excited state g factor of Te136 by the recoil in vacuum method. <i>Physical Review C</i> , 2017, 96, .	2.9	13
138	Search for nuclear-structure effects in proton evaporation spectra. <i>Physical Review Letters</i> , 1991, 66, 3121-3123.	7.8	12
139	Proton configurations and pairing correlations at the N=80 superdeformed shell closure: Study of Tb145. <i>Physical Review C</i> , 1994, 50, R2261-R2265.	2.9	12
140	Highly deformed and triaxial structures in 134Ce. <i>Physical Review C</i> , 1999, 59, 1334-1338.	2.9	12
141	Rotational structures near 40, in La123. <i>Physical Review C</i> , 2003, 68, .	2.9	12
142	Opportunistic mass measurements at the Holifield Radioactive Ion Beam Facility. <i>International Journal of Mass Spectrometry</i> , 2006, 251, 119-124. Joint Determination of Reactor Antineutrino Spectra from $\langle \text{mml:math}$	1.5	12
143	and $\langle \text{mml:mrow} \langle \text{mml:mn} \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mi}$	7.8	12
144	Evidence for the suppression of multiple scattering in $^{12}\text{C}(^1\text{H}, ^1\text{H}') at low energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 174, 147-150.$	4.1	11

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145	Absence of entrance-channel effects in the high-energy $\gamma$ -ray emission from $Gd^{146}$ . <i>Physical Review C</i> , 1996, 53, R533-R536.	2.9	11
146	Band structure in $^{79}Y$ and the question of $T=0$ pairing. <i>Physical Review C</i> , 1998, 58, R3037-R3041.	2.9	11
147	The Majorana Low-noise Low-background Front-end Electronics. <i>Physics Procedia</i> , 2015, 61, 654-657.	1.2	11
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