

Alfredo Galindo-Uribarri

List of Publications by Year in descending order

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257
papers

6,574
citations

71004

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258
all docs

258
docs citations

258
times ranked

3150
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron transfer reactions on the ground state and isomeric state of a ^{130}Sn beam. Physical Review C, 2022, 105, .	1.1	3
2	Novel approach for the study of coherent elastic neutrino-nucleus scattering. Physical Review D, 2022, 105, .	1.6	1
3	Determination of Reactor Antineutrino Spectra from ^{235}U and ^{235}Pu . Physical Review Letters, 2022, 128, 081802.	2.9	12
4	Monitoring the SNS basement neutron background with the MARS detector. Journal of Instrumentation, 2022, 17, P03021.	0.5	2
5	Joint Measurement of the ^{235}U Antineutrino Spectrum by PROSPECT and STEREO. Physical Review Letters, 2022, 128, 081802.	2.9	11
6	First Measurement of Coherent Elastic Neutrino-Nucleus Scattering on Argon. Physical Review Letters, 2021, 126, 012002.	2.9	117
7	Improved short-baseline neutrino oscillation search and energy spectrum measurement with the PROSPECT experiment at HFIR. Physical Review D, 2021, 103, .	1.6	60
8	Development of a ^{83}mKr source for the calibration of the CENNS-10 liquid argon detector. Journal of Instrumentation, 2021, 16, P04002.	0.5	2
9	Limits on sub-GeV dark matter from the PROSPECT reactor antineutrino experiment. Physical Review D, 2021, 104, .	1.6	29
10	A D_{2O} detector for flux normalization of a pion decay-at-rest neutrino source. Journal of Instrumentation, 2021, 16, P08048.	0.5	8
11	High efficiency laser resonance ionization of plutonium. Scientific Reports, 2021, 11, 23432.	1.6	6
12	Sensitivity of the COHERENT experiment to accelerator-produced dark matter. Physical Review D, 2020, 102, .	1.6	28
13	Nonfuel antineutrino contributions in the ORNL High Flux Isotope Reactor (HFIR). Physical Review C, 2020, 101, .	1.1	4
14	How Different is the Core of ^{235}U from ^{235}Pu . Physical Review Letters, 2020, 125, 081802.	2.9	14
15	Measurement of the Antineutrino Spectrum from ^{235}U . Physical Review Letters, 2019, 122, 251801.	2.9	14
16	Fission at HFIR with PROSPECT. Physical Review Letters, 2019, 122, 251801.	2.9	39
17	The radioactive source calibration system of the PROSPECT reactor antineutrino detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 944, 162465.	0.7	3
18	The PROSPECT reactor antineutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 922, 287-309.	0.7	40

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19	A low mass optical grid for the PROSPECT reactor antineutrino detector. Journal of Instrumentation, 2019, 14, P04014-P04014.	0.5	10
20	Lithium-loaded liquid scintillator production for the PROSPECT experiment. Journal of Instrumentation, 2019, 14, P03026-P03026.	0.5	16
21	First constraint on coherent elastic neutrino-nucleus scattering in argon. Physical Review D, 2019, 100, 013001.	1.6	20
22	Search for Neutrinoless Double- β Decay in ^{76}Ge . Physical Review Letters, 2019, 123, 251802.	2.9	162
23	Exclusive quasi-free proton knockout from oxygen isotopes at intermediate energies. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	40
24	First Search for Short-Baseline Neutrino Oscillations at HFIR with PROSPECT. Physical Review Letters, 2018, 121, 251802.	2.9	99
25	Proton elastic scattering at 200 A MeV and high momentum transfers of $1.7\text{--}2.7\text{ fm}^{-1}$ as a probe of the nuclear matter density of ^6He . Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	11
26	Performance of a segmented ^6Li -loaded liquid scintillator detector for the PROSPECT experiment. Journal of Instrumentation, 2018, 13, P06023-P06023.	0.5	23
27	Low-spin structure of the $N=82$ nucleus $\text{Cs}137$. Physical Review C, 2018, 98, .	1.1	0
28	Triaxiality near the ^{110}Ru ground state from Coulomb excitation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 334-338.	1.5	22
29	Electromagnetic Moments of Radioactive ^{136}Te and the Emergence of Collectivity. Physical Review Letters, 2017, 118, 082501.	2.9	26
30	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.	1.9	21
31	First-excited state g factor of $\text{Te}136$ by the recoil in vacuum method. Physical Review C, 2017, 96, .	1.1	13
32	Observation of coherent elastic neutrino-nucleus scattering. Science, 2017, 357, 1123-1126.	6.0	500
33	THE MAJORANA DOUBLE BETA DECAY EXPERIMENT: PRESENT STATUS. , 2017, , 61-65.		0
34	Status of the MAJORANA DEMONSTRATOR. Physics of Particles and Nuclei, 2017, 48, 27-33.	0.2	0
35	COHERENT Experiment: current status. Journal of Physics: Conference Series, 2017, 798, 012213.	0.3	1
36	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, , .	0.3	126

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37	Initial Results from the Majorana Demonstrator. Journal of Physics: Conference Series, 2017, 888, 012035.	0.3	17
38	The Majorana Demonstrator radioassay program. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 828, 22-36.	0.7	86
39	High voltage testing for the Majorana Demonstrator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 823, 83-90.	0.7	7
40	The PROSPECT physics program. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 113001.	1.4	53
41	One-neutron transfer study of ^{137}Xe and systematics of $^{13}\text{21+}$ and $^{13}\text{22+}$ levels in $N=83$ nuclei. Physical Review C, 2016, 94, .	1.1	5
42	Search for Pauli exclusion principle violating atomic transitions and electron decay with a p-type point contact germanium detector. European Physical Journal C, 2016, 76, 1.	1.4	14
43	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.	0.7	22
44	Light collection and pulse-shape discrimination in elongated scintillator cells for the PROSPECT reactor antineutrino experiment. Journal of Instrumentation, 2015, 10, P11004-P11004.	0.5	19
45	Investigation into the semimagic nature of the tin isotopes through electromagnetic moments. Physical Review C, 2015, 92, .	1.1	44
46	A Dark Matter Search with MALBEK. Physics Procedia, 2015, 61, 77-84.	1.2	10
47	Direct reaction experimental studies with beams of radioactive tin ions. AIP Conference Proceedings, 2015, , .	0.3	0
48	Status of the Majorana Demonstrator. AIP Conference Proceedings, 2015, , .	0.3	2
49	Low background signal readout electronics for the MAJORANA DEMONSTRATOR. AIP Conference Proceedings, 2015, , .	0.3	1
50	Analysis techniques for background rejection at the MAJORANA DEMONSTRATOR. AIP Conference Proceedings, 2015, , .	0.3	0
51	The MAJORANA DEMONSTRATOR for $0\nu^{1/2}1^{2}1^{2}$: Current Status and Future Plans. Physics Procedia, 2015, 61, 232-240.	1.2	1
52	Background Model for the Majorana Demonstrator. Physics Procedia, 2015, 61, 821-827.	1.2	4
53	Testing the Ge Detectors for the MAJORANA DEMONSTRATOR. Physics Procedia, 2015, 61, 807-815.	1.2	4
54	The Majorana Demonstrator: A Search for Neutrinoless Double-beta Decay of ^{76}Ge . Journal of Physics: Conference Series, 2015, 606, 012004.	0.3	7

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55	Nuclear Structure Studies in the ^{132}Sn Region: Safe Coulex with Carbon Targets. Journal of Physics: Conference Series, 2015, 639, 012007.	0.3	3
56	Low Background Signal Readout Electronics for the Majorana Demonstrator. Journal of Physics: Conference Series, 2015, 606, 012009.	0.3	5
57	Status of the MAJORANA DEMONSTRATOR: A search for neutrinoless double-beta decay. International Journal of Modern Physics A, 2015, 30, 1530032.	0.5	0
58	The Majorana Parts Tracking Database. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 779, 52-62.	0.7	13
59	Recent Direct Reaction Experimental Studies with Radioactive Tin Beams. Acta Physica Polonica B, 2015, 46, 537.	0.3	3
60	Status of the Majorana Demonstrator. Nuclear and Particle Physics Proceedings, 2015, 265-266, 70-72.	0.2	0
61	Ion source development for ultratrace detection of uranium and thorium. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 267-272.	0.6	5
62	MAJORANA Collaboration's Experience with Germanium Detectors. Journal of Physics: Conference Series, 2015, 606, 012005.	0.3	6
63	The Majorana Low-noise Low-background Front-end Electronics. Physics Procedia, 2015, 61, 654-657.	1.2	11
64	The use of aluminum nitride to improve Aluminum-26 Accelerator Mass Spectrometry measurements and production of Radioactive Ion Beams. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 281-287.	0.6	2
65	Status of the Majorana Demonstrator experiment. AIP Conference Proceedings, 2014, , .	0.3	2
66	The MAJORANA DEMONSTRATOR Neutrinoless Double-Beta Decay Experiment. Advances in High Energy Physics, 2014, 2014, 1-18.	0.5	158
67	Double-Magic Nature of ^{132}Sn and ^{29}Ni . High-precision ^{132}Sn and ^{29}Ni of semi-magic ^{132}Sn and ^{29}Ni . ^{132}Sn and ^{29}Ni of semi-magic ^{132}Sn and ^{29}Ni . ^{132}Sn and ^{29}Ni of semi-magic ^{132}Sn and ^{29}Ni .	2.9	47
68	High-precision ^{132}Sn and ^{29}Ni of semi-magic ^{132}Sn and ^{29}Ni . ^{132}Sn and ^{29}Ni of semi-magic ^{132}Sn and ^{29}Ni . ^{132}Sn and ^{29}Ni of semi-magic ^{132}Sn and ^{29}Ni .	1.1	27
69	$2\frac{1}{2}$ states populated in ^{135}Te from ^{9}Be -induced reactions with a ^{132}Sn beam. Physical Review C, 2014, 90, .	1.1	10
70	The Majorana Demonstrator: Progress towards showing the feasibility of a tonne-scale ^{76}Ge neutrinoless double-beta decay experiment. Journal of Physics: Conference Series, 2014, 485, 012042.	0.3	1
71	Magnetic moments of $21+$ states in $^{124,126,128}\text{Sn}$. Physical Review C, 2013, 87, .	1.1	27
72	Characteristics of signals originating near the lithium-diffused N^+ 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.	0.7	46

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73	Single-neutron levels near the N=82 shell closure. , 2013, , .		0
74	The Majorana Demonstrator: A search for neutrinoless double-beta decay of germanium-76. , 2013, , .		1
75	Charge exchange x-ray emission: Astrophysical observations and potential diagnostics. , 2013, , . Electromagnetic properties of the 2^+ state of ^{135}Te and ^{137}Xe by particle- ^{132}Te .		2
76	Influence of core excitation on single-particle orbits beyond ^{134}Te .	1.1	35
77	CYROMAGNETIC RATIOS IN NEUTRON-RICH NUCLEI BY THE RECOIL IN VACUUM TECHNIQUE. , 2013, , .		0
78	TRANSFER REACTION EXPERIMENTS WITH FISSION FRAGMENTS. , 2013, , .		0
79	PROBING SINGLE-NEUTRON LEVELS IN $^{127,129}\text{Sn}$ VIA TRANSFER REACTIONS. , 2013, , .		1
80	Beam purification by photodetachment (invited). Review of Scientific Instruments, 2012, 83, 02A711.	0.6	1
81	Precise Coulomb excitation $B(E2)$ measurements for first 2^+ states of projectile nuclei near the doubly magic nuclei ^{78}Ni and ^{132}Sn . Journal of Physics: Conference Series, 2012, 387, 012008.	0.3	1
82	One-phonon isovector 2^+_{MS} state in the neutron rich nucleus ^{132}Te . Journal of Physics: Conference Series, 2012, 366, 012008.	0.3	0
83	One-phonon isovector 2^+ state in the neutron rich nucleus ^{132}Te and ^{137}Xe by particle- ^{132}Te .	1.1	25
84	One-phonon isovector 2^+ state in the neutron-rich nucleus ^{132}Te .	1.1	65
85	Coulomb excitation of ^{124}Pr and ^{126}Pr .	1.1	55
86	Projected shell model study of yrast states of neutron-deficient odd-mass Pr nuclei. Physical Review C, 2011, 83, .	1.1	34
87	Selective isobar suppression for accelerator mass spectrometry and radioactive ion-beam science. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 834-838.	0.6	7
88	Influence Of The Neutron Richness On Binary Decays. EPJ Web of Conferences, 2010, 2, 14002.	0.1	1
89	Exotic Nuclei. , 2010, , .		13
90	Purification of Radioactive Ion Beams by Photodetachment in a RF Quadrupole Ion Beam Cooler. , 2009, , .		1

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91	Efficient Isobar Suppression by Photodetachment in a RF Quadrupole Ion Cooler. , 2009, , .		2
92	Influence of the $N \cdot Z$ ratio on Disintegration Modes of Compound Nuclei. , 2009, , .		1
93	Dynamic polarization in the Coulomb breakup of loosely bound ^{17}F . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 22-25.	1.5	24
94	Nuclear Structure Studies with Radioactive Ion Beams in the Mass $A \approx 80$ Region. , 2009, , .		3
95	INFLUENCE OF NEUTRON ENRICHMENT ON DISINTEGRATION MODES OF COMPOUND NUCLEI. International Journal of Modern Physics E, 2008, 17, 2359-2362.	0.4	19
96	Attosecond time delays in heavy-ion induced fission measured by crystal blocking. Physical Review C, 2008, 78, .	1.1	34
97	Probing σ -cross-shell interactions via terminating configurations in $^{42,43}\text{Sc}$. Physical Review C, 2007, 75, .	1.1	26
98	Fusion of radioactive ^{132}Sn with ^{64}Ni . Physical Review C, 2007, 75, .	1.1	49
99	Crystal Blocking Measurements of the Time Delay of Fission Induced by ^{32}S , ^{48}Ti , and ^{58}Ni Bombardment of $^{\text{W}}$. Physical Review Letters, 2007, 99, 162502.	2.9	30
100	Pushing the limits of accelerator mass spectrometry. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 123-130.	0.6	26
101	Excited states in ^{22}Mg via the $^{12}\text{C}(^{12}\text{C}, 2n)^{22}\text{Mg}$ reaction. Nuclear Instruments & Methods in Physics Research B, 2007, 261, 945-947.	0.6	3
102	Recent progress in the development of a polarized proton target for reactions with radioactive ion beams. Nuclear Instruments & Methods in Physics Research B, 2007, 261, 1112-1116.	0.6	8
103	Measurements of fusion reactions induced by radioactive ^{132}Sn on ^{64}Ni . European Physical Journal: Special Topics, 2007, 150, 35-36.	1.2	0
104	Opportunistic mass measurements at the Holifield Radioactive Ion Beam Facility. International Journal of Mass Spectrometry, 2006, 251, 119-124.	0.7	12
105	g -Factor measurements of first $2+$ states of heavy Te isotopes based on nuclear spin deorientation for nuclei recoiling in vacuum. Nuclear Instruments & Methods in Physics Research B, 2005, 241, 971-976.	0.6	1
106	Spin polarized solid target as a prospective tool for radioactive ion beam physics. Nuclear Instruments & Methods in Physics Research B, 2005, 241, 1001-1005.	0.6	2
107	Coulomb excitation and transfer reactions with rare neutron-rich isotopes. Nuclear Physics A, 2005, 752, 264-272.	0.6	50
108	Sub-barrier fusion induced by neutron-rich radioactive ^{132}Sn . European Physical Journal A, 2005, 25, 239-240.	1.0	0

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109	First nuclear moment measurement with radioactive beams by recoil-in-vacuum method: g-factor of the 2+1 state in ^{132}Te . European Physical Journal A, 2005, 25, 205-208.	1.0	4
110	Coulomb excitation measurements of transition strengths in the isotopes $^{132}, ^{134}\text{Sn}$. European Physical Journal A, 2005, 25, 391-394.	1.0	16
111	Coulomb excitation of odd- A neutron-rich radioactive beams. European Physical Journal A, 2005, 25, 395-396.	1.0	3
112	^{132}Te and single-particle density-dependent pairing. European Physical Journal A, 2005, 25, 389-390.	1.0	0
113	Measurement of evaporation residue cross sections from reactions with radioactive neutron-rich beams. European Physical Journal A, 2005, 25, 241-242.	1.0	3
114	Coulomb excitation and transfer reactions with neutron-rich radioactive beams. European Physical Journal A, 2005, 25, 383-387.	1.0	19
115	$B(E2) \uparrow$ Measurements for Radioactive Neutron-Rich Ge Isotopes: Reaching the $N=50$ Closed Shell. Physical Review Letters, 2005, 94, 122501.	2.9	67
116	Magnetic and intruder rotational bands in In^{113} . Physical Review C, 2005, 72, .	1.1	18
117	$\hat{\Gamma}^3$ -ray spectroscopy of Te^{132} through $\hat{\Gamma}^2$ decay of a Sb^{132} radioactive beam. Physical Review C, 2005, 71, .	1.1	16
118	First Nuclear Moment Measurement with Radioactive Beams by the Recoil-in-Vacuum Technique: The gFactor of the 2^+_{1st} State in Te^{132} . Physical Review Letters, 2005, 94, 192501.	2.9	54
119	Coulomb excitation and transfer reactions with neutron-rich radioactive beams. , 2005, , 383-387.		1
120	^{132}Te and single-particle density-dependent pairing. , 2005, , 389-390.		0
121	Coulomb excitation measurements of transition strengths in the isotopes $^{132}, ^{134}\text{Sn}$. , 2005, , 391-394.		0
122	Coulomb excitation of odd-A neutron-rich radioactive beams. , 2005, , 395-396.		0
123	First nuclear moment measurement with radioactive beams by recoil-in-vacuum method: g-factor of the 2^+_{1st} state in ^{132}Te . , 2005, , 205-208.		0
124	Sub-barrier fusion induced by neutron-rich radioactive ^{132}Sn . , 2005, , 239-240.		0
125	Measurement of evaporation residue cross sections from reactions with radioactive neutron-rich beams. , 2005, , 241-242.		0
126	Test of calculations with single-particle density dependent pairing in Te^{132} . Physical Review C, 2004, 69, .	1.1	9

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127	Sub-Barrier Fusion Enhancement in Neutron-Rich Radioactive ^{132}Sn on ^{64}Ni . Progress of Theoretical Physics Supplement, 2004, 154, 106-112.	0.2	5
128	Measuring the mass of fission fragments using the HRIBF 25-MV tandem accelerator. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 176-179.	0.6	2
129	Nuclear structure studies with heavy neutron-rich RIBs at the HRIBF. Nuclear Physics A, 2004, 746, 83-89.	0.6	46
130	Enhanced evaporation residue cross sections in neutron-rich radioactive ^{132}Sn on ^{64}Ni . Nuclear Physics A, 2004, 746, 103-107.	0.6	7
131	Coulomb excitation studies of $^{132,134}\text{Sn}$. Nuclear Physics A, 2004, 746, 471-474.	0.6	23
132	Transition quadrupole moments in the superdeformed band of ^{40}Ca . Physical Review C, 2003, 67, .	1.1	40
133	Breakup of ^{17}F on ^{208}Pb near the Coulomb barrier. Physical Review C, 2003, 67, .	1.1	37
134	Rotational structures near ^{40}Ca in ^{123}La . Physical Review C, 2003, 68, .	1.1	12
135	Enhanced Fusion-Evaporation Cross Sections in Neutron-Rich ^{132}Sn on ^{64}Ni . Physical Review Letters, 2003, 91, 152701.	2.9	60
136	Physics with heavy neutron-rich RIBs at the HRIBF. , 2003, , 291-293.		0
137	NUCLEAR STRUCTURE STUDIES WITH HEAVY NEUTRON-RICH RIBS AT THE HRIBF. , 2003, , .		1
138	Rotational structures in ^{129}Nd and signature splitting systematics of the $\frac{1}{2}^+_{11/2}$ bands in $A \approx \frac{1}{4} 130$ nuclei. Physical Review C, 2002, 65, .	1.1	19
139	Prompt Proton Decay Scheme of ^{59}Cu . Physical Review Letters, 2002, 89, 022501.	2.9	25
140	Yrast spectroscopy of $^{60,128}\text{Nd}$ and systematics of the $\frac{1}{2}^+_{11/2}$ crossing in $A \approx \frac{1}{4} 130$ nuclei. Physical Review C, 2002, 66, .	1.1	10
141	Rotational bands with terminating properties in ^{59}Ni . Physical Review C, 2002, 65, .	1.1	16
142	Elastic scattering and breakup of ^{17}F at 10 MeV/nucleon. Physical Review C, 2002, 65, .	1.1	29
143	Toward complete spectroscopy of ^{128}Pr and rotational structures in ^{126}Pr . Physical Review C, 2002, 65, .	1.1	25
144	Coulomb Excitation of Radioactive $^{132,134,136}\text{Te}$ Beams and the Low $B(E2)$ of ^{136}Te . Physical Review Letters, 2002, 88, 222501.	2.9	153

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145	Physics with heavy neutron-rich RIBs at the HRIBF. European Physical Journal A, 2002, 15, 171-173.	1.0	21
146	High-resolution in-beam particle spectroscopy –New results on prompt proton emission from ^{58}Cu . European Physical Journal A, 2002, 14, 137-146.	1.0	24
147	Collective rotational motion in the N=Z nucleus ^{36}Ar . Nuclear Physics A, 2001, 682, 1-11.	0.6	18
148	Study of resonant reactions with radioactive ion beams and observation of simultaneous 2p emission. Nuclear Physics A, 2001, 682, 363-368.	0.6	5
149	Yrast spectroscopy of ^{130}Nd and evidence of a highly deformed band. Physical Review C, 2001, 63, .	1.1	10
150	First evidence of excited states in the near-drip-line nucleus ^{126}Pr and signature inversion in $A \approx 130$ nuclei. Physical Review C, 2001, 63, .	1.1	19
151	Observation of a double giant dipole resonance in fusion-evaporation reactions. Physical Review C, 2001, 63, .	1.1	2
152	Superdeformation in the Doubly Magic Nucleus ^{20}C . Physical Review Letters, 2001, 87, 222501.	2.9	184
153	Decay of a Resonance in ^{18}Ne by the Simultaneous Emission of Two Protons. Physical Review Letters, 2001, 86, 43-46.	2.9	106
154	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.	0.7	119
155	Breakup of weakly bound ^{17}F well above the Coulomb barrier. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 23-28.	1.5	26
156	Study of resonant reactions with radioactive ion beams. Nuclear Instruments & Methods in Physics Research B, 2000, 172, 647-654.	0.6	24
157	Search for hyperdeformed structures populated in the $^{37}\text{Cl} + ^{120}\text{Sn}$ reaction by using EUROBALL III. European Physical Journal A, 2000, 7, 299-301.	1.0	8
158	Investigation of the use of an $\hat{I} \pm + Xn$ reaction channel to enhance the population of superdeformed states in ^{193}Hg and ^{195}Hg . Journal of Physics G: Nuclear and Particle Physics, 2000, 26, 1723-1733.	1.4	4
159	Superdeformed and highly deformed bands in ^{65}Zn and neutron-proton interactions in Zn isotopes. Physical Review C, 2000, 62, .	1.1	35
160	Multiple band interactions in ^{131}Nd . Physical Review C, 2000, 61, .	1.1	9
161	Band structure of ^{68}Ge . Physical Review C, 2000, 63, .	1.1	31
162	Superdeformation in the N=Z Nucleus ^{36}Ar : Experimental, Deformed Mean Field, and Spherical Shell Model Descriptions. Physical Review Letters, 2000, 85, 2693-2696.	2.9	143

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163	Decay Out of the Doubly Magic Superdeformed Band in the $N=Z$ Nucleus $Z=60$. Physical Review Letters, 1999, 82, 3400-3403.	2.9	99
164	Highly deformed and triaxial structures in ^{134}Ce . Physical Review C, 1999, 59, 1334-1338.	1.1	12
165	Migration from the normal to the highly deformed minimum in ^{131}Nd . Physical Review C, 1999, 60, .	1.1	9
166	Probing midrapidity source characteristics with charged particles and neutrons in the $^{35}\text{Cl}+\text{natTa}$ reaction at 43 MeV/nucleon. Physical Review C, 1999, 59, R565-R569.	1.1	25
167	High spin spectroscopy of ^{167}Hf . Physical Review C, 1999, 59, 2406-2415.	1.1	7
168	Spectroscopy of the proton emitter ^{109}I . Physical Review C, 1999, 59, R1834-R1838.	1.1	22
169	Rotational structures in ^{125}La and alignments in $A \approx 130$ nuclei. Physical Review C, 1999, 60, .	1.1	14
170	Comparison of superdeformed bands in ^{61}Zn and ^{60}Zn : Possible evidence for $T=0$ pairing. Physical Review C, 1999, 60, .	1.1	37
171	Evidence for highly deformed bands in ^{62}Sm . Physical Review C, 1999, 60, .	1.1	6
172	Stable triaxiality at the highest spins in ^{138}Nd and ^{139}Nd . Physical Review C, 1999, 61, .	1.1	42
173	Detection of fusion residues produced by inverse kinematic reactions using a gas-filled split-pole spectrograph. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 393-401.	0.7	5
174	A smoothly terminating rotational band in Zn. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 45-51.	1.5	34
175	Enhanced deformation in light Pr nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 89-96.	1.5	29
176	In-beam spectroscopy study of the proton emitter ^{151}Lu . Physical Review C, 1998, 58, R3042-R3045.	1.1	19
177	Identification of excited states in ^{125}Ce . Physical Review C, 1998, 58, 801-807.	1.1	13
178	Superdeformation in $^{147,148}\text{Eu}$: Identical bands and $\hbar\omega \approx 63$ crossings. Physical Review C, 1998, 57, 2196-2204.	1.1	15
179	Systematic survey of $\hbar\omega = 4$ bifurcation in $A \approx 150$ superdeformed nuclei. Physical Review C, 1998, 58, R2649-R2653.	1.1	8
180	Superdeformation in ^{145}Sm . Physical Review C, 1998, 57, 442-444.	1.1	6

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181	Smooth Termination of Rotational Bands in $Z=62$ n: Evidence for a Loss of Collectivity. Physical Review Letters, 1998, 80, 2558-2561.	2.9	63
182	Extruder proton-hole band in the near-drip-line nucleus ^{127}Pr . Physical Review C, 1998, 58, R2626-R2630.	1.1	13
183	Spectroscopy of cross-conjugate nuclei ^{46}Ti and ^{47}V near the $7/2$ -shell band termination. Physical Review C, 1998, 58, 808-820.	1.1	34
184	Yrast structures in the neutron-deficient ^{59}Pr and ^{61}Pm nuclei. Physical Review C, 1998, 57, 2215-2221.	1.1	22
185	Properties of superdeformed band population in the $A \approx 130$ region. Physical Review C, 1998, 57, R2090-R2094.	1.1	4
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