

Corina A Andreoiu

List of Publications by Year in descending order

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224
papers

3,463
citations

168829

31
h-index

252626

46
g-index

227
all docs

227
docs citations

227
times ranked

1617
citing authors

#	ARTICLE	IF	CITATIONS
1	Coulomb excitation of the ^{119}Cs mirror pair. <i>Physical Review C</i> , 2022, 105, .		
2	Candidate revolving chiral doublet bands in ^{119}Cs . <i>European Physical Journal A</i> , 2022, 58, 1.	1.0	3
3	High-precision half-life determination of ^{14}O via direct β counting. <i>European Physical Journal A</i> , 2022, 58, 1.	1.0	0
4	Summit of the $N=40$ island of inversion: Precision mass measurements and ab initio calculations of neutron-rich chromium isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 833, 137288.	1.5	3
5	Mass measurements of neutron-rich indium isotopes for ^{129}In and its ^{129}In -decay daughter, ^{129}In . <i>Physical Review C</i> , 2021, 103, .	1.1	2
6	Mass measurements of neutron-rich indium isotopes for ^{129}In -process studies. <i>Physical Review C</i> , 2021, 103, .	1.1	12
7	Mass measurements of neutron-rich indium isotopes for ^{129}In nucleus ^{129}In and its relevance for nucleosynthesis in ONe novae. <i>Physical Review C</i> , 2021, 103, .	1.1	5
8	Low-, medium-, and high-spin states in the $N=Z+1$ nucleus ^{63}Ga . <i>Physical Review C</i> , 2021, 103, .	1.1	0
9	Examining the nuclear mass surface of Rb and Sr isotopes in the ^{104}Rb region via precision mass measurements. <i>Physical Review C</i> , 2021, 103, .		
10	Tilted precession bands in ^{135}Nd . <i>Physical Review C</i> , 2021, 103, .	1.1	9
11	Experimental study of the nature of the ^{135}Nd and excited states in ^{135}Nd .		
12	Evidence of oblate-prolate shape coexistence in the strongly-deformed nucleus ^{119}Cs . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 822, 136645.	1.5	5
13	Experimental and shell-model study of excited states in ^{119}Cs and related notes on ^{119}Cs .	1.1	3
14	First direct measurement of ^{135}Nd and ^{135}Nd signature splitting of the ^{135}Nd ccstraining the r - Cu cycle in the cosmos. <i>Physical Review C</i> , 2021, 104, .	1.1	6
15	Signature splitting of the ^{135}Nd ccstraining the r - Cu cycle in the cosmos. <i>Physical Review C</i> , 2021, 104, .	1.1	1
16	Improved beam diagnostics and optimization at ISAC via TITAN's MR-TOF-MS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 463, 431-436.	0.6	10
17	Pseudospin partner bands in ^{130}Ba . <i>Physical Review C</i> , 2020, 102, .	1.1	4
18	Absence of Low-Energy Shape Coexistence in ^{80}Ge : The Nonobservation of a Proposed Excited 02^+ Level at 639 keV. <i>Physical Review Letters</i> , 2020, 125, 172501.	2.9	12

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19	Single-particle and collective excitations in the $N=28$ isotones. <i>Physical Review C</i> , 2020, 102, .	1.1	2
20	Signatures of enhanced octupole correlations at high spin in Nd136. <i>Physical Review C</i> , 2020, 102, .	1.1	4
21	Evidence for pseudospin-chiral quartet bands in the presence of octupole correlations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 807, 135572.	1.5	25
22	Onset of high-spin rotational bands in the $N=Z$ nucleus Ga62. <i>Physical Review C</i> , 2020, 102, .	1.1	3
23	Single-particle structure in neutron-rich Sr isotopes approaching the $N=60$ shape transition. <i>Physical Review C</i> , 2020, 102, .	1.1	7
24	Decay spectroscopy of ^{129}Cd . <i>Physical Review C</i> , 2020, 102, .	1.1	1
25	Collective $2p-2h$ intruder states in ^{118}Sn studied via I^2 decay of ^{118}Sn . <i>Physical Review C</i> , 2020, 102, .	1.1	4
26	I^2 decay of ^{132}In and spectroscopy of ^{132}In . <i>Physical Review C</i> , 2020, 102, .	1.1	5
27	Multiple chiral bands in ^{137}Nd . <i>European Physical Journal A</i> , 2020, 56, 1.	1.0	10
28	High-precision branching ratio measurement and spin assignment implications for Ga62 superallowed I^2 decay. <i>Physical Review C</i> , 2020, 102, .	1.1	4
29	Search for Nova-Presolar Grains: I^3 -Ray Spectroscopy of ^{47}Ca . <i>Physical Review C</i> , 2020, 102, .	1.1	5
30	Multiple chiral doublet bands in ^{34}Ar . <i>Physical Review C</i> , 2020, 102, .	1.1	5
31	Diversifying beam species through decay and recapture ion trapping: a demonstrative experiment at TITAN-EBIT. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 045113.	1.4	2
32	Mass measurements of neutron-rich gallium isotopes refine production of nuclei of the first r -process abundance peak in neutron-star merger calculations. <i>Physical Review C</i> , 2020, 101, .	1.1	15
33	Measuring the half-life of n -rich ^{100}Rb with the TITAN MR-TOF-MS. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012057.	0.3	2
34	Chirality of ^{135}Nd reexamined: Evidence for multiple chiral doublet bands. <i>Physical Review C</i> , 2019, 100, .	1.1	19
35	Shape coexistence in the neutron-deficient lead region: A systematic study of lifetimes in the even-even ^{208}Pb . <i>Physical Review Letters</i> , 2019, 123, 082501.	2.9	29
36	^{188}Hg with the GRIFFIN spectrometer at TRIUMF. <i>Physical Review C</i> , 2019, 100, .	1.1	18

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37	Excitations of the magic $N=50$ neutron-core revealed in ^{81}Ga . Physical Review C, 2019, 100, .	1.1	8
38	Observation of excited states in ^{20}Mg sheds light on nuclear forces and shell evolution. Physical Review C, 2019, 99, .	1.1	12
39	Diversity of shapes and rotations in the \hat{I}^3 -soft ^{130}Ba nucleus: First observation of a t-band in the $A\hat{\epsilon}^{-}\hat{\epsilon}^{-}130$ mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 241-247.	1.5	22
40	The Csl ball ancillary detector array for TIP and TIGRESS at TRIUMF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 939, 1-9.	0.7	3
41	Isospin symmetry in ^{12}B values: Coulomb excitation study of ^{12}Mg and ^{12}C decay	1.1	19
42	-delayed neutron decay of the ^{82}In nucleus	1.1	9
43	Collective rotation of an oblate nucleus at very high spin. Physical Review C, 2019, 99, .	1.1	7
44	Highly deformed bands in Nd nuclei: New results and consistent interpretation within the cranked Nilsson-Strutinsky formalism. Physical Review C, 2019, 100, .	1.1	4
45	Detailed spectroscopy of ^{46}Ca : A study of the $\hat{I}^2\hat{a}^{\sim}$ decay of ^{46}K . Physical Review C, 2019, 100, .	1.1	4
46	Single-particle structure of neutron-rich Sr isotopes via $\text{H}^2(\text{Sr}94,95,96,\hat{\epsilon}\%p)$ reactions. Physical Review C, 2019, 100, .	1.1	12
47	Identification of high- K rotation in ^{130}Ba : Testing the consistency of electromagnetic observables. Physical Review C, 2019, 99, .	1.1	8
48	The GRIFFIN facility for Decay-Spectroscopy studies at TRIUMF-ISAC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 918, 9-29.	0.7	24
49	Collectivity of the 2p-2h proton intruder band of ^{116}Sn . Physical Review C, 2019, 99, .		10
50	Lifetime Measurements Using RDDS Method in the Vicinity of ^{78}Ni . Acta Physica Polonica B, 2019, 50, 633.	0.3	4
51	Mass measurements of neutron-rich indium isotopes toward the $N=82$ shell closure. Physical Review C, 2018, 97, .	1.1	8
52	Dawning of the $N=32$ Shell Closure Seen through Precision Mass Measurements of Neutron-Rich Titanium Isotopes. Physical Review Letters, 2018, 120, 062503.	2.9	81
53	Evidence of chiral bands in even-even nuclei. Physical Review C, 2018, 97, .	1.1	49
54	Advances at TRIUMF-ISAC and decay of neutron-rich Cd studied with GRIFFIN. EPJ Web of Conferences, 2018, 193, 04011.	0.1	0

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55	Low-spin Symmetry and Microscopic Origin of Shape Coexistence in the ${}^{116}\text{Sn}$ Region: A Hint from Lifetime Measurements. <i>Physical Review Letters</i> , 2018, 121, 192502.	2.9	20
56	Shape coexistence and mixing of low-lying 0^+ states in ${}^{96}\text{Sr}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 94-99.	1.5	15
57	$E0$ transition strengths in ${}^{110}\text{Pd}$. <i>European Physical Journal A</i> , 2018, 54, 1.	1.0	3
58	Evolution from triaxiality in ${}^{136}\text{Nd}$ -soft to stable ${}^{136}\text{Nd}$ as a prerequisite of chirality. <i>Physical Review C</i> , 2018, 98, .	1.1	16
59	New low-spin states of ${}^{122}\text{Xe}$ observed via high-statistics \hat{I}^2 -decay of ${}^{122}\text{Cs}$. <i>EPJ Web of Conferences</i> , 2018, 178, 02026.	0.1	0
60	In-beam internal conversion electron spectroscopy with the SPICE detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 905, 180-187.	0.7	9
61	Quenching of the neutron shell closure studied via precision mass measurements of neutron-rich vanadium isotopes. <i>Physical Review C</i> , 2018, 98, .	1.1	26
62	Study of the \hat{I}^2 - decay of ${}^{116}\text{mIn}$: A new interpretation of low-lying 0^+ states in ${}^{116}\text{Sn}$. <i>European Physical Journal A</i> , 2017, 53, 1.	1.0	9
63	Precision mass measurements of cadmium isotopes and isomers approaching the ${}^{112}\text{Cd}$ \hat{I}^2 - decay. <i>Physical Review C</i> , 2017, 96, .	1.1	26
64	Precision mass measurements of magnesium isotopes and implications for the validity of the isobaric mass multiplet equation. <i>Physical Review C</i> , 2017, 96, .	1.1	12
65	Mass determination near ${}^{20}\text{Ne}$ for Al and Na isotopes. <i>Physical Review C</i> , 2017, 96, .	1.1	20
66	A novel transparent charged particle detector for the CPET upgrade at TITAN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 868, 133-138.	0.7	1
67	Implementation of the Doppler shift attenuation method using TIP/TIGRESS at TRIUMF: Fusion-evaporation lifetime measurements in ${}^{22}\text{Ne}$. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 859, 8-17.	0.7	7
68	Doppler-shift attenuation lifetime measurement of the ${}^{36}\text{Ar}$ 2^+ level. <i>Physical Review C</i> , 2017, 96, .	1.1	2
69	Conversion-electron spectroscopy and gamma-gamma angular correlation measurements in ${}^{116}\text{Sn}$. <i>European Physical Journal A</i> , 2017, 53, 1.	1.0	5
70	High-precision Q -value measurement of the superallowed \hat{I}^2 - emitter ${}^{116}\text{Sn}$ nucleus. <i>Physical Review C</i> , 2017, 96, .	1.1	8
71	Precision mass measurements of ${}^{116}\text{Sn}$ and ${}^{117}\text{Sn}$ isotopes and implications for the validity of the isobaric mass multiplet equation. <i>Physical Review C</i> , 2017, 96, .	2.9	53
72	Boundary of the Island of Deformat. <i>Physical Review Letters</i> , 2017, 118, 162501.	2.9	31

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73	Unexpected high-energy \hat{I}^3 emission from decaying exotic nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 359-362.	1.5	15
74	New decay modes of the high-spin isomer of ^{124}Cs . European Physical Journal A, 2017, 53, 1.	1.0	0
75	High-precision half-life measurement for the superallowed Fermi \hat{I}^2 emitter ^{22}Mg . Physical Review C, 2017, 96, .	1.1	3
76	Scattering of halo nuclei on heavy targets at energies around the Coulomb barrier: The case of ^{11}Be on ^{197}Au . EPJ Web of Conferences, 2017, 163, 00045.	0.1	1
77	High-statistics β -decay Measurements at TRIUMF-ISAC and the Transition from the π Spectrometer to GRIFFIN. Acta Physica Polonica B, 2017, 48, 523.	0.3	2
78	Nuclear structure of ^{122}Xe studied via high-statistics \hat{I}^2 +EC-decay. EPJ Web of Conferences, 2016, 107, 03014.	0.1	5
79	Conversion electrons from high-statistics \hat{I}^2 -decay measurements with the \hat{I}^2 spectrometer at TRIUMF-ISAC. EPJ Web of Conferences, 2016, 123, 02005.	0.1	3
80	Low energy cyclotron production and cyclometalation chemistry of iridium-192. Applied Radiation and Isotopes, 2016, 115, 81-86.	0.7	1
81	Characteristics of GRIFFIN high-purity germanium clover detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 820, 126-131.	0.7	26
82	Shape coexistence and evolution in ^{98}Sr . Physical Review C, 2016, 93, .	1.1	26
83	^{102}Rb -delayed neutron emission component in ^{102}Rb decay and identification of Half-lives of neutron-rich ^{128}Cd and ^{130}Cd . Physics in Progress, 2016, 93, .	1.1	2
84	First Evidence of Shape Coexistence in the ^{78}Ni Region: Intruder ^{78}Ni . Physical Review Letters, 2016, 116, 032501.	2.9	21
85	First Evidence of Shape Coexistence in the ^{78}Ni Region: Intruder ^{78}Ni . Physical Review Letters, 2016, 116, 032501.	2.9	13
86	Conversion Electrons (SPICE) at TRIUMF-ISAC. EPJ Web of Conferences, 2016, 123, 04005.	2.9	41
87	Improvements to TITAN \hat{I}^2 's mass measurement and decay spectroscopy capabilities. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 292-297.	0.1	4
88	Investigation of the role of ^{10}Li resonances in the halo structure of ^{11}Li through the $^{11}\text{Li}(p,d)^{10}\text{Li}$ transfer reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 481-485.	0.6	8
89	Digital Rise-Time Discrimination of Pulses from the Tigress Integrated Plunger Silicon PIN Diode Wall. Physics Procedia, 2015, 66, 524-531.	1.5	27
90	Digital Rise-Time Discrimination of Pulses from the Tigress Integrated Plunger Silicon PIN Diode Wall. Physics Procedia, 2015, 66, 524-531.	1.2	1

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91	High-precision half-life measurements for the superallowed Fermi \hat{I}^2 -emitter ^{18}Ne . Physical Review C, 2015, 92, .	1.1	13
92	First direct mass measurement of the neutron-deficient nucleus ^{24}Al . Physical Review C, 2015, 92, .	1.1	9
93	Observation of a crossover of ^{24}S the island of inversion from precision mass spectrometry. Physical Review C, 2015, 92, .	1.1	10
94	Progress at the TITAN-EBIT. AIP Conference Proceedings, 2015, , .	0.3	2
95	New Opportunities in Decay Spectroscopy with the GRIFFIN and DESCANT Arrays. Physics Procedia, 2015, 66, 465-470.	1.2	0
96	Far From "Easy" Spectroscopy with the ^{8}He and GRIFFIN Spectrometers at TRIUMF-ISAC. Journal of Physics: Conference Series, 2015, 639, 012006.	0.3	14
97	Low-Background In-Trap Decay Spectroscopy with TITAN at TRIUMF. , 2015, , .		2
98	High-Precision Half-Life Measurements for the Superallowed Fermi \hat{I}^2 Emitters ^{14}O and ^{18}Ne . , 2015, , .		0
99	Sensitivity Increases for the TITAN Decay Spectroscopy Program. EPJ Web of Conferences, 2015, 93, 07006.	0.1	1
100	The TITAN in-trap decay spectroscopy facility at TRIUMF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 780, 91-99.	0.7	21
101	Penning trap mass measurements utilizing highly charged ions as a path to benchmark isospin-symmetry breaking corrections in ^{74}Rb . Physical Review C, 2015, 91, .	1.1	11
102	Ground-state and pairing-vibrational bands with equal quadrupole collectivity in ^{124}Xe . Physical Review C, 2015, 91, .	1.1	15
103	Evidence of Soft Dipole Resonance in ^{11}Li with bosonuclear Character. Physical Review Letters, 2015, 114, 102502.	2.9	51
104	Nuclear Structure of ^{124}Xe Studied with \hat{I}^2 -EC-Decay. , 2015, , .		1
105	The TIGRESS Integrated Plunger ancillary systems for electromagnetic transition rate studies at TRIUMF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 746, 87-97.	0.7	16
106	Electron-capture branching ratio measurements of odd-odd intermediate nuclei in double-beta decay at the TITAN facility. Hyperfine Interactions, 2014, 225, 157-164.	0.2	3
107	TITAN: an ion trap for accurate mass measurements of ms-half-life nuclides. Applied Physics B: Lasers and Optics, 2014, 114, 99-105.	1.1	10
108	Precision mass spectrometry of highly charged ions with TITAN. Hyperfine Interactions, 2014, 227, 239-246.	0.2	1

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109	TITAN: An ion trap facility for on-line mass measurement experiments. <i>Hyperfine Interactions</i> , 2014, 225, 143-155.	0.2	13
110	Precision QEC-value measurement of Mg^{23} for testing the Cabibbo-Kobayashi-Maskawa matrix unitarity. <i>Physical Review C</i> , 2014, 90, .	1.1	7
111	Breakdown of the Isobaric Multiplet Mass Equation for the $A=20$ and $A=21$ Multiplets. <i>Physical Review Letters</i> , 2014, 113, 082501.	2.9	34
112	In-Trap Spectroscopy of Charge-Bred Radioactive Ions. <i>Physical Review Letters</i> , 2014, 113, 082502.	2.9	26
113	Two-neutron transfer reaction mechanisms in $A=20$ and $A=21$ Multiplets. <i>Physical Review Letters</i> , 2014, 113, 082501.		

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127	Charge breeding rare isotopes for high precision mass measurements: challenges and opportunities. Physica Scripta, 2013, T156, 014098.	1.2	9
128	Evidence for the extinction of the N_{20} neutron closure for Zr_{32} Mg from direct mass measurements. Physical Review C, 2013, 88, .	1.1	22
129	Collective Structure in Zr_{94} and Subshell Effects in Shape Coexistence. Physical Review Letters, 2013, 110, 022504.	2.9	49
130	High-precision branching-ratio measurement for the superallowed ^{100}Zr emitter. Physical Review C, 2013, 88, .	1.1	15
131	High-precision half-life measurements for the superallowed ^{100}Zr emitter. Physical Review C, 2013, 88, .	1.1	20
132	The SPICE Detector at ISAC. EPJ Web of Conferences, 2013, 63, 01010.	0.1	2
133	PRECISION PENNING TRAP MASS MEASUREMENTS FOR NUCLEAR STRUCTURE AT TRIUMF. , 2013, , .		1
134	TITAN: An ion trap facility for on-line mass measurement experiments. , 2013, , 143-155.		1
135	Electron-capture branching ratio measurements of odd-odd intermediate nuclei in double-beta decay at the TITAN facility. , 2013, , 157-164.		0
136	A HIGH-PRECISION BRANCHING-RATIO MEASUREMENT FOR THE SUPERALLOWED ^{82}Zn EMITTER 74Rb. , 2013, , .		0
137	^{82}Zn -DECAY STUDIES AT TRIUMF AND FUTURE OPPORTUNITIES WITH GRIFFIN. , 2013, , .		0
138	HIGH-PRECISION HALF-LIFE AND BRANCHING RATIO MEASUREMENTS FOR THE SUPERALLOWED ^{82}Zn EMITTER 26Alm. , 2013, , .		0
139	The on-line charge breeding program at TRIUMF's Ion Trap For Atomic and Nuclear Science for precision mass measurements. Review of Scientific Instruments, 2012, 83, 02A912.	0.6	23
140	Highly charged ions in Penning traps: A new tool for resolving low-lying isomeric states. Physical Review C, 2012, 85, .	1.1	29
141	New Precision Mass Measurements of Neutron-Rich Calcium and Potassium Isotopes and Three-Nucleon Forces. Physical Review Letters, 2012, 109, 032506.	2.9	106
142	High-precision branching-ratio measurement for the superallowed ^{26}Al emitter. Physical Review C, 2012, 85, .	1.1	11
143	High-spin structure studies in ^{62}Zn . Physica Scripta, 2012, T150, 014013.	1.2	0
144	Extensive ^{63}Zn -ray spectroscopy of band structures in ^{62}Zn . Physical Review C, 2012, 86, .	1.1	17

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145	EXPERIMENTAL MEASUREMENT OF THE DEFORMATION THROUGH THE ELECTROMAGNETIC PROBE: SHAPE COEXISTENCE IN EXOTIC KR AND SR ISOTOPES. International Journal of Modern Physics E, 2011, 20, High Precision Half-Life Measurement for the Superallowed β^+ Emitter	0.4	4
146	Commissioning the DANTE array of BaF ₂ detectors at TRIUMF-ISAC using a fast-timing lifetime measurement. Journal of Instrumentation, 2011, 6, P08008-P08008.	2.9	37
147	Evidence for shape coexistence at medium spin in ⁷⁶ Rb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 306-312.	0.5	5
148	First Use of High Charge States for Mass Measurements of Short-Lived Nuclides in a Penning Trap. Physical Review Letters, 2011, 107, 272501.	1.5	16
149	Structure of states in ¹² Be via the ¹¹ Be(α ,n) ¹² C reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 682, 391-395.	2.9	64
150	Rotational bands in the semi-magic nucleus ⁵⁷ Zn. Journal of Physics C: Nuclear and Particle Physics, 2010, 37, 075105.	1.5	61
151	Isospin and deformation studies in the odd-odd N=Z nucleus ⁵⁴ Co. Physical Review C, 2010, 82, .	1.4	13
152	Evidence of nontermination of collective rotation near the maximum angular momentum in ⁸⁵ Rb. Physical Review Letters, 2009, 93, 172501.	1.1	10
153	Line shape analysis of Doppler-broadened ⁸⁵ Rb(α ,n) ⁸⁶ Kr reaction. Physical Review Letters, 2009, 93, 172501.	1.1	6
154	the ⁸⁵ Rb(α ,n) ⁸⁶ Kr reaction. Physical Review Letters, 2009, 93, 172501.	1.1	22
155	In-Trap Decay Spectroscopy of Radioactive Nuclei at TITAN TRIUMF for a Determination of $2\hat{I}_1/2\hat{I}_2^2$ Matrix Elements. , 2009, , .		3
156	Characterization of superdeformed bands in ⁶² Zn. Physical Review C, 2009, 80, 044301.	1.1	17
157	α -ray and particle decay investigations of ⁶² Zn. Physical Review C, 2009, 80, 044301.	1.1	27
158	Comprehensive ⁶² Zn(α ,n) ⁶³ Cu α -ray spectroscopy of rotational bands in the ⁶² Zn nucleus. Physical Review C, 2009, 79, .	1.1	18
159	Gamma-Ray Spectroscopy at TRIUMF-ISAC: the New Frontier of Radioactive Ion Beam Research. , 2009, , .		0
160	Extensive β^+ -ray spectroscopy of normally and superdeformed structures in ⁶¹ Cu. European Physical Journal A, 2008, 36, 251-278.	1.0	21
161	Deformations and magnetic rotations in the ⁶⁰ Ni nucleus. Physical Review C, 2008, 78, .	1.1	41
162	Prompt proton decay and deformed bands in ⁵⁶ Ni. Physical Review C, 2008, 77, .	1.1	32

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163	Deformation of rotational structures in ^{73}Kr and ^{74}Rb : Probing the additivity principle at triaxial shapes. <i>Physical Review C</i> , 2008, 78, .	1.1	9
164	Low-spin lifetime measurements in ^{74}Kr . <i>Physical Review C</i> , 2008, 77, .	1.1	9
165	Shell Gap near ^{100}Sn from Intermediate-Energy Coulomb Excitations in Even-Mass ^{100}Zr . <i>Physical Review C</i> , 2007, 75, .	2.9	112
166	Publisher's Note: High-spin lifetime measurements in the $N=Z$ nucleus ^{72}Kr [Phys. Rev. C 75, 041301(R) (2007)]. <i>Physical Review C</i> , 2007, 75, .	1.1	0
167	Identification of the $g_{9/2}$ proton and neutron band crossing in the $N=Z$ nucleus ^{76}Sr . <i>Physical Review C</i> , 2007, 75, .	1.1	18
168	Shape coexistence in neutron-deficient krypton isotopes. <i>Physical Review C</i> , 2007, 75, .	1.1	157
169	Half-life of the superallowed ^{18}F . <i>Physical Review C</i> , 2007, 76, .	1.1	20
170	Decay strength distributions in ^{12}C ($^{12}\text{C}, \text{I}^3$) radiative capture. <i>Physical Review C</i> , 2007, 76, .	1.1	20
171	High-spin lifetime measurements in the $N=Z$ nucleus ^{72}Kr . <i>Physical Review C</i> , 2007, 75, .	1.1	17
172	Measured and simulated performance of Compton-suppressed TIGRESS HPGe clover detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 437-445.	0.7	42
173	Pile-up corrections for high-precision superallowed decay half-life measurements via γ -ray photopeak counting. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 579, 1005-1033.	0.7	27
174	Optimization of Compton-suppression and summing schemes for the TIGRESS HPGe detector array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 573, 157-160.	0.7	10
175	Shape coexistence in ^{74}Kr and ^{76}Kr . <i>European Physical Journal: Special Topics</i> , 2007, 150, 117-120.	1.2	5
176	Gamma-Ray Transitions In the Decay of the Superallowed Beta Emitter ^{62}Ga . <i>AIP Conference Proceedings</i> , 2006, , .	0.3	1
177	Gamma-Ray Spectroscopy at TRIUMF-ISAC. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	1
178	The highest spin discrete levels in $^{131,132}\text{Ce}$. <i>Physica Scripta</i> , 2006, T125, 115-118.	1.2	0
179	Lifetime measurements in $N=Z$ ^{72}Kr . <i>Physica Scripta</i> , 2006, T125, 127-129.	1.2	3
180	Gamma-ray spectroscopy of the doubly magic nucleus ^{56}Ni . <i>European Physical Journal A</i> , 2006, 27, 157-165.	1.0	9

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