

# Daniel R Napoli

## List of Publications by Year in descending order

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589  
papers

9,780  
citations

61984

43  
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g-index

593  
all docs

593  
docs citations

593  
times ranked

2440  
citing authors



#	ARTICLE	IF	CITATIONS
19	Conceptual design of the AGATA $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ altimg="si0005.gif"} \text{ overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{Ï€} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{array}$ at GANIL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 855, 1-12.	1.6	64
20	Stability of the N=50 shell gap in the neutron-rich Rb, Br, Se, and Ge isotones. Physical Review C, 2004, 70, .	2.9	62
21	Question of dynamic chirality in nuclei: The case of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{Pr} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 134 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ . Physical Review C, 2007, 76, .	2.9	62
22	Spectroscopy of odd-mass cobalt isotopes toward the $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 40 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{subshell}$ closure and shell-model description of spherical and deformed states. Physical Review C, 2012, 85, .	2.9	61
23	Inelastic Scattering of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Pb} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 208 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{via}$	7.8	59
24	Effective Charges in the fp Shell. Physical Review Letters, 2004, 93, 222501.	7.8	58
25	Pygmy dipole resonance in $^{124}\text{Sn}$ populated by inelastic scattering of $^{17}\text{O}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 519-523.	4.1	57
26	$^{\text{Ï³}}$ spectroscopy of calcium nuclei around doubly magic $^{48}\text{Ca}$ using heavy-ion transfer reactions. Physical Review C, 2012, 85, .	2.9	56
27	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	7.8	56
28	Light and heavy transfer products in $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{Xe} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 136 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{U} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 238 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \text{multinucleon}$	7.8	56
29	Shape transitions far from stability: The nucleus $^{58}\text{Cr}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 696-700.	4.1	54
30	First Evidence of Magnetic Rotation in the A=80 Region. Physical Review Letters, 1999, 82, 4408-4411.	7.8	53
31	Cross sections and average angular momenta in the fusion of $^{28}\text{Si}+^{94,100}\text{Mo}$ and $^{58,64}\text{Ni}+^{64}\text{Ni}$ . Nuclear Physics A, 1996, 609, 91-107.	1.5	50
32	Collective nature of low-lying excitations in $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 70 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 72 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 74 \langle \text{mml:mn} \rangle$ from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .	2.9	50
33	Lifetime measurements of excited states in neutron-rich $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{Ar} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 44 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 46 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \text{multinucleon transfer reactions. Physical Review C, 2010, 82, .}$	2.9	48
34	Probing the nature of particle- $\text{Ï€}$ core couplings in $^{49}\text{Ca}$ with $^{\text{Ï³}}$ spectroscopy and heavy-ion transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 288-293.	4.1	48
35	Linking transitions between the highly deformed states and the yrast states of normal deformation in $^{133}\text{Nd}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 309, 235-240.	4.1	47
36	Emission of unbound $^8\text{Be}$ and $^{12}\text{C}^*(0+2)$ clusters in compound nucleus reactions. European Physical Journal A, 2005, 23, 19-31.	2.5	47

#	ARTICLE	IF	CITATIONS
37	Spectroscopy of neutron-rich $Mn$ . Physical Review Letters, 2016, 117, 012501.	2.9	47
38	First Measurement of Several $N > Z$ Delayed Neutron Emitting Isotopes Beyond $N = 126$ . Physical Review Letters, 2016, 117, 012501.	7.8	47
39	High-spin states in the odd-odd $N = Z$ nucleus $^{50}Mn$ . Physical Review C, 1998, 58, R2621-R2625.	2.9	45
40	Evidence for Nontermination of Rotational Bands in $^{74}Kr$ . Physical Review Letters, 2005, 95, 232501.	7.8	44
41	Interaction position resolution simulations and in-beam measurements of the AGATA HPGe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 96-109.	1.6	44
42	Band termination in the $N = Z$ odd-odd nucleus $^{46}V$ . Physical Review C, 1999, 60, .	2.9	43
43	Backbending region study in $^{160,162}Dy$ using incomplete fusion reactions. Physical Review C, 2002, 66, .	2.9	43
44	Discovery of a new isomeric state in $^{68}Ni$ : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	2.9	43
45	High-spin states in $^{137}Nd$ : A large variety of collective rotations. Nuclear Physics A, 1997, 617, 228-248.	1.5	42
46	Magnetic rotation in $^{82}Rb$ and $^{84}Rb$ . Physical Review C, 2002, 66, .	2.9	42
47	Decay of a narrow and high spin $^{24}Mg + ^{24}Mg$ resonance. Nuclear Physics A, 2008, 801, 1-20.	1.5	42
48	Dynamical deformation of nuclei in deep-inelastic collisions: A gamma coincidence study of $^{130}Te + ^{275}MeV$ $^{64}Ni$ and $^{208}Pb + ^{345}MeV$ $^{58}Ni$ heavy ion reactions. Nuclear Physics A, 2010, 832, 170-197.	1.5	42
49	Excited states in $^{52}Fe$ and the origin of the yrast trap at $I^{\pi} = 12^+$ . Physical Review C, 1998, 58, 3163-3170.	2.9	41
50	Coherent proton-neutron contribution to octupole correlations in the neutron-deficient $^{114}Xe$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 93-102.	4.1	41
51	Observation of $^{54}Ni$ : Cross-Conjugate Symmetry in $7/2$ Mirror Energy Differences. Physical Review Letters, 2006, 97, 152501.	7.8	41
52	Lifetimes of a shears band in $^{139}Sm$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 468-474.	4.1	40
53	Coulomb energy differences between isobaric analogue states in $^{70}Br$ and $^{70}Se$ . European Physical Journal A, 2001, 12, 51-55.	2.5	40
54	Isospin mixing in the $N = Z$ nucleus $^{64}Ge$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 56-62.	4.1	40

#	ARTICLE	IF	CITATIONS
55	Evidence for the Jacobi shape transition in hot $^{46}\text{Ti}$ . Nuclear Physics A, 2004, 731, 319-326.	1.5	40
56	Superdeformed and Triaxial States in $^{42}\text{Ca}$ . Physical Review Letters, 2016, 117, 062501.	7.8	39
57	EXILL: a high-efficiency, high-resolution setup for $\hat{\nu}$ -spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.	1.2	39
58	Band termination and second backbending in $^{50}\text{Cr}$ . Physical Review C, 1997, 56, 1313-1319.	2.9	38
59	High-spin states in doubly odd $^{176}\text{Re}$ and signature inversion in $^{132}\text{Lu}$ structures. Physical Review C, 1999, 59, 1298-1315.	2.9	38
60	Triaxial superdeformed bands in Lu and enhanced E1 decay-out strength. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 8-14.	4.1	38
61	Shape changes and test of the critical-point symmetry X(5) in N = 90 nuclei. European Physical Journal A, 2003, 20, 173-178.	2.5	37
62	Electromagnetic transition strengths in $^{156}\text{Dy}$ . Physical Review C, 2006, 74, .	2.9	37
63	Test of the critical point symmetry X(5) in the mass A= 180 region. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1427-S1432.	3.6	36
64	Detailed angular correlation analysis with $\hat{\nu}$ spectrometers: Spin determinations and multipolarity mixing measurements in $^{128}\text{Ba}$ . Physical Review C, 1998, 58, 721-728.	2.9	35
65	Structure of high-spin states in $^{89}\text{Sr}$ and $^{90}\text{Sr}$ . Physical Review C, 2001, 63, .	2.9	35
66	Excited bands and signature dependent electromagnetic decay properties in neutron-rich $^{159,161,163}\text{Dy}$ . Physical Review C, 2003, 67, .	2.9	35
67	First evidence for triaxial superdeformation in $^{161}\text{Lu}$ and $^{162}\text{Lu}$ . European Physical Journal A, 2003, 16, 155-158.	2.5	34
68	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	4.1	34
69	Evidence for Coexisting Shapes through Intrinsic Measurements in $^{98}\text{Zr}$ . Physical Review Letters, 2018, 121, 192501.	7.8	34
70	Competing mechanism for generating high spin excitations in $\hat{\nu}$ -soft nuclei: the $^{136}\text{Nd}$ case. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 373, 275-281.	4.1	33
71	Signature Inversion Caused by Triaxiality and Unpaired Band Crossings in $^{72}\text{r}$ . Physical Review Letters, 2000, 85, 2454-2457.	7.8	33
72	Investigation of lifetimes in dipole bands of $^{142}\text{Gd}$ . European Physical Journal A, 2005, 23, 191-196.	2.5	33

#	ARTICLE	IF	CITATIONS
73	states in $Zr$	2.9	33
74	Type II shell evolution in $A = 70$ isobars from the $N \approx 40$ island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 328-333.	4.1	33
75	$\hat{\nu}$ -ray studies of neutron-rich $N=18,19$ nuclei produced in deep-inelastic collisions. Physical Review C, 1997, 55, 762-765.	2.9	32
76	Development of magnetic rotation in light Gd nuclei; study of $^{142}Gd$ . European Physical Journal A, 2002, 13, 297-305.	2.5	32
77	Yrast isomers in $^{95}Ag$ , $^{95}Pd$ , and $^{94}Pd$ . Physical Review C, 2003, 67, .	2.9	32
78	Investigation of lifetimes in dipole bands of $^{141}Eu$ . European Physical Journal A, 2004, 21, 1-6.	2.5	32
79	$\hat{\nu}$ -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89	2.9	32
80	Isomeric states in $^{208}Pb$	2.9	31
81	$^{208}Hg$ and $^{208}Kr$	7.8	31
82	Observation of the $N=Z=44$ nucleus. Physical Review C, 2001, 63, .	2.9	30
83	Delayed alignments in the $N=Z$ nuclei $^{84}Mo$ and $^{88}Ru$ . Physical Review C, 2002, 65, .	2.9	29
84	Study of the neutron-rich nucleus $^{36}Si$ . Physical Review C, 2006, 74, .	2.9	29
85	$^{168}Dy$ and $^{170}Dy$	2.9	29
86	Shell Evolution towards $^{78}Ni$	7.8	29
87	Low-Lying States in $^{51}Cu$ Lifetimes in the middle of shell: cross-conjugated nuclei $^{47}V$ and $^{49}Cr$ . Nuclear Physics A, 2001, 693, 517-532.	1.5	28
88	Excited states in $^{103}Sn$ : Neutron single-particle energies with respect to $^{100}Sn$ . Physical Review C, 2001, 63, .	2.9	28
89	Isospin symmetry breaking at high spin in the mirror nuclei $^{35}Ar$ and $^{35}Cl$ . Physical Review C, 2007, 75, .	2.9	28
90	Yrast structure of the neutron-rich $^{31}Ca$ and $^{51}Ca$	2.9	28

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91	Evolution from spherical to various deformed shapes in the odd-odd 59136Pr77 nucleus. Nuclear Physics A, 1996, 603, 50-76.	1.5	27
92	Decay Out of the Yrast and Excited Highly Deformed Bands in the Even-Even Nucleus 134Nd. Physical Review Letters, 1996, 77, 239-242.	7.8	27
93	The population of deformed bands in 48Cr by emission of 8Be from the 32S + 24Mg reaction. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1405-1420.	3.6	27
94	Shape coexistence at high spin in the N=Z nucleus 70Se. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 2617-2625.	3.6	27
95	High spin structure of 53Sb and the proton-neutron coupling of intruder states. Physical Review C, 2005, 71, .	2.9	27
96	High spin structure and intruder configurations in 31P. Physical Review C, 2006, 73, .	2.9	27
97	$\beta$ -ray spectroscopy of the neutron-rich nucleus $^{89}\text{Rb}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" $\langle \text{mml:mmultiscritps} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Rb} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 89 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscritps} \rangle \langle \text{mml:math} \rangle, \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \langle \text{mml:mmultiscritps} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Y} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 89 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscritps} \rangle \langle \text{mml:math} \rangle$	2.9	27
98	The mutable nature of particle-core excitations with spin in the one-valence-proton nucleus 133Sb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 273-278.	4.1	27
99	Smooth crossings between the N = 4 and N = 6 orbits and adiabatic configuration changes at high angular momentum in 134Nd. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 31-36.	4.1	26
100	Spectroscopy in the second well of the 148Gd nucleus: Two quasiparticle and collective excitations. Physical Review C, 1996, 53, 679-688.	2.9	26
101	Emission of intermediate mass fragments using $\hat{I}^3$ -spectroscopic techniques. Physical Review C, 1998, 57, R457-R461.	2.9	26
102	Fragment spin as a function of the mass asymmetry in heavy ion induced fission reactions. Physical Review C, 1999, 60, .	2.9	26
103	Triaxial superdeformation in 163Lu. Nuclear Physics A, 1999, 660, 381-392.	1.5	26
104	Transition rates and nuclear structure changes in mirror nuclei 47Cr and 47V. Physical Review C, 2002, 65, .	2.9	26
105	Lifetimes of triaxial superdeformed states in 163Lu and 164Lu. European Physical Journal A, 2002, 13, 291-296.	2.5	26
106	Investigations of the level scheme of 144Gd and lifetimes in the quadrupole bands. European Physical Journal A, 2004, 21, 37-55.	2.5	26
107	Consistent contributions to Isospin Mixing in the Mirror Pair $^{67}\text{As}$ and $^{67}\text{Cu}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline" $\langle \text{mml:mmultiscritps} \rangle \langle \text{mml:mi} \rangle \text{As} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 67 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{and} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \langle \text{mml:mmultiscritps} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Cu} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 67 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	7.8	26
108	Shell evolution beyond $^{70}\text{Ni}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 40 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Cu} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 69 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 71 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 73 \langle \text{mml:mn} \rangle$ Physical Review C, 2015, 91, .	2.9	26

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109	Very high rotational frequencies and band termination in $^{73}\text{Br}$ . Physical Review C, 2000, 62, .	2.9	25
110	Evolution of deformation in the neutron-rich krypton isotopes: The $^{96}\text{Kr}$ nucleus. Physical Review C, 2009, 80, .	2.9	25
111	Binary reaction decays from $^{24}\text{Mg} + ^{12}\text{C}$ . Physical Review C, 2009, 80, .	2.9	25
112	Multitude of $^{124}\text{Sn}$ states in $^{124}\text{Sn}$ observed via the $^{124}\text{Sn}$		



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145	The GALILEO $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e432" altimg="si31.svg"} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -ray array at the Legnaro National Laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	1.6	21
146	Reaction mechanisms in the $S^{32}+^{64}\text{Ni}$ collision. Physical Review C, 1991, 44, 747-752.	2.9	20
147	High-Kband of unnatural parity in $^{49}\text{Cr}$ . Physical Review C, 1999, 60, .	2.9	20
148	Coincidence recoil-distance Doppler-shift lifetime measurements in $^{128}\text{Ba}$ . Physical Review C, 2000, 62, .	2.9	20
149	The TMR network project – Development of $\hat{I}^3$ -ray tracking detectors – Nuclear Physics A, 2001, 682, 279-285.	1.5	20
150	Rotational bands in neutron-rich $^{160,161,162}\text{Ho}$ . European Physical Journal A, 2004, 21, 67-74.	2.5	20
151	Octupole-deformed molecular bands in $^{21}\text{Ne}$ . European Physical Journal A, 2005, 26, 321-326.	2.5	20
152	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -ray spectroscopy of neutron-rich $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 40 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ . Physical Review C, 2010, 81, .	2.9	20
153	Elastic, inelastic, and one-nucleon transfer processes in $^{48}\text{Ca}+^{64}\text{Ni}$ . Physical Review C, 2011, 84, .	2.9	20
154	Wet chemical treatments of high purity Ge crystals for $\hat{I}^3$ -ray detectors: Surface structure, passivation capabilities and air stability. Materials Chemistry and Physics, 2015, 161, 116-122.	4.0	20
155	<i>Pseudospin Symmetry and Microscopic Origin of Shape Coexistence in the <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{Ni} \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 78 \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> Region: A Hint from Lifetime Measurements.</i> Physical Review Letters, 2018, 121, 192502.	7.8	20
156	Evolution of collectivity along the $N=Z$ line: The $^{84}\text{Mo}$ nucleus. Physical Review C, 1997, 56, 2497-2501.	2.9	19
157	$T=0$ pairing correlations and band crossing phenomena in $N=Z$ nuclei. Nuclear Physics A, 1998, 630, 426-433.	1.5	19
158	Lifetime measurements of highly deformed bands in $^{134,135}\text{Nd}$ and $^{131}\text{Ce}$ . Physical Review C, 1998, 57, R10-R14.	2.9	19
159	Alpha particle emission, incomplete fusion and population of high-spin states in the reaction $^{120}\text{MeV}$ . Nuclear Physics A, 1999, 652, 3-16.	1.5	19
160	Excited Superdeformed Band in $^{143}\text{Eu}$ . European Physical Journal A, 1999, 6, 175-183.	2.5	19
161	High-spin structure and electromagnetic transition strengths in $^{104}\text{Cd}$ . Physical Review C, 2001, 64, .	2.9	19
162	Bands and Coulomb effects in $^{50}\text{Cr}$ . Physical Review C, 2002, 66, .	2.9	19

#	ARTICLE	IF	CITATIONS
163	N-type heavy doping with ultralow resistivity in Ge by Sb deposition and pulsed laser melting. Applied Surface Science, 2020, 509, 145229.	6.1	19
164	A Novel Approach to $\hat{I}^2$ -Decay: PANDORA, a New Experimental Setup for Future In-Plasma Measurements. Universe, 2022, 8, 80.	2.5	19
165	Lowest four-quasiparticle magnetic dipole band in 128Ba. Physical Review C, 1997, 56, 1338-1343.	2.9	18
166	Study of very neutron deficient nuclei 178Pt and 181Au. European Physical Journal A, 1999, 4, 17-19.	2.5	18
167	High-spin structure of the spherical nucleus 90Y. Physical Review C, 2002, 65, .	2.9	18
168	PRISMA - a magnetic spectrometer for heavy ions at LNL. Nuclear Physics A, 2004, 734, E1-E4.	1.5	18
169	New $\hat{I}^{1/4}$ s isomers in the neutron-rich 210 Hg nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.	4.1	18
170	$\hat{I}^3$ -ray linear polarization measurements and character of particle excitation in Rm. Nuclear Physics A, 2013, 87, .	2.9	18
171	$\hat{I}^3$ -Ru deduced from $\hat{I}^3$ -ray angular two-hole structure outside $\hat{I}^3$ .	2.9	18
172	Existence of a $\hat{I}^{1/4}$ isomer of $\text{Ni}$ .	2.9	18
173	New isomer in $^{96}\text{Y}$ marking the onset of deformation at $N = 57$ . Europhysics Letters, 2017, 117, 12001.	2.0	18
174	Optimal process parameters for phosphorus spin-on-doping of germanium. Applied Surface Science, 2017, 392, 1173-1180.	6.1	18
175	Sub-barrier transfer reactions of $^{32}\text{S} + ^{64}\text{Ni}$ . Nuclear Physics A, 1993, 559, 443-460.	1.5	17
176	High-K bands and oblate-prolate coexistence in $^{134}\text{Nd}$ . Nuclear Physics A, 1997, 617, 249-264.	1.5	17
177	Five-quasiparticle bands in $^{127}\text{Ba}$ . European Physical Journal A, 1998, 3, 103-105.	2.5	17
178	$^{48}\text{V}$ : An experimental and theoretical paradigm in the middle of the $1f7/2$ shell. Physical Review C, 2002, 66, .	2.9	17
179	Band terminations in the nucleus $^{46}\text{Ti}$ . Physical Review C, 2003, 67, .	2.9	17
180	Gamma-decay study of $^{21}\text{Na}$ and $^{21}\text{Ne}$ , octupole bands in $^{21}\text{Ne}$ . Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 509-519.	3.6	17

#	ARTICLE	IF	CITATIONS
181	Highly deformed band in Nd138. Physical Review C, 2004, 69, .	2.9	17
182	High-spin behavior of multiple bands in the N=Z+1 nucleus Zr81: A possible probe of enhanced neutron-proton correlations. Physical Review C, 2004, 69, .	2.9	17
183	Yrast studies of Se80,82 using deep-inelastic reactions. Physical Review C, 2007, 76, .	2.9	17
184	Spectroscopy of neutron-rich P37. Physical Review C, 2007, 75, .	2.9	17
185	High-spin level structure in $^{94}\text{Mo}$ and $^{95}\text{Mo}$ . Physical Review C, 2009, 79, .	2.9	17
186	Reaction dynamics and nuclear structure of moderately neutron-rich Ne isotopes by heavy-ion reactions. Physical Review C, 2012, 85, .	2.9	17
187	Decay properties of 68,69,70 Mn: Probing collectivity up to N = 44 in Fe isotopic chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 107-112.	4.1	17
188	Reduced transition strengths of low-lying yrast states in chromium isotopes in the vicinity of $N=40$ . Physical Review C, 2015, 92, .	2.9	17
189	Evolution of single-particle strength in neutron-rich $^{71}\text{Cu}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 306-310.	4.1	17
190	Evolution of nuclear shapes in odd-mass yttrium and niobium isotopes from lifetime measurements following fission reactions. Physical Review C, 2017, 95, .	2.9	17
191	Lifetime measurement of neutron-rich even-even molybdenum isotopes. Physical Review C, 2017, 95, .	2.9	17
192	Magnetic rotation in the A=80 region: M1 bands in heavy Rb isotopes. Journal of Research of the National Institute of Standards and Technology, 2000, 105, 133.	1.2	17
193	Study of the Mo-Ba partition in. European Physical Journal A, 2000, 7, 189.	2.5	17
194	High spin structure study of the light Odd-A f7/2 nuclei: $^{45}\text{Sc}$ , $^{45}\text{Ti}$ and $^{43}\text{Ca}$ . European Physical Journal A, 1998, 2, 157-171.	2.5	16
195	Rotation induced octupole correlations in the neutron-deficient $^{109}\text{Te}$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 437, 236-242.	4.1	16
196	High spin states in $^{128}\text{Ba}$ . European Physical Journal A, 1999, 4, 323-325.	2.5	16
197	Gamma-ray tracking arrays. Progress in Particle and Nuclear Physics, 2001, 46, 399-407.	14.4	16
198	Tilted dipole bands in $^{123}\text{Xe}$ . Physical Review C, 2002, 66, .	2.9	16

#	ARTICLE	IF	CITATIONS
199	First identification of yrast decay and shell model description of the $N=Z+1$ nucleus $^{93}\text{Pd}$ . Physical Review C, 2004, 69, .	2.9	16
200	Spectroscopy of $^{40}\text{Ca}$ and negative-parity bands. European Physical Journal A, 2004, 19, 307-317.	2.5	16
201	Damping mechanisms and order-to-chaos transition in the warm rotating $^{163}\text{Er}$ nucleus. Physical Review C, 2005, 72, .	2.9	16
202	Investigation of lifetimes in quadrupole bands of $^{142}\text{Gd}$ . European Physical Journal A, 2008, 35, 135-158.	2.5	16
203	Proton-hole states in the $N=30$ neutron-rich isotope $^{49}\text{K}$ . Physical Review C, 2010, 82, .	2.9	16
204	Simultaneous investigation of the $T < \infty >$ and $T < \infty >$ and $T < \infty >$		

#	ARTICLE	IF	CITATIONS
217	Identification of yrast high-Kintrinsic states in Os188. Physical Review C, 2009, 79, .	2.9	15
218	Intruder negative-parity states of neutron-rich Si33. Physical Review C, 2010, 81, .	2.9	15
219	The population of metastable states as a probe of relativistic-energy fragmentation reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 302-306.	4.1	15
220	Lifetime measurements in neutron-rich $^{63,65}\text{Co}$ isotopes using the AGATA demonstrator. Physical Review C, 2013, 88, .	2.9	15
221	Quadrupole Transition Strength in the $^{74}\text{Ni}$ Nucleus and Core Polarization Effects in the Neutron-Rich Ni Isotopes. Physical Review Letters, 2014, 113, 182501.	7.8	15
222	Spectroscopy of neutron-rich $P$ in binary grazing reactions. Physical Review C, 2015, 92, .	2.9	15
223	Gamma spectroscopy of neutron-rich nuclei from the vicinity of the $\beta$ -island of inversion at $N=20$ . Acta Physica Hungarica A Heavy Ion Physics, 1998, 7, 83-86.	0.4	15
224	Coupled reaction channels effects in the elastic scattering of $^{32}\text{S} + ^{58,64}\text{Ni}$ . Physical Review C, 1990, 41, 1018-1030.	2.9	14
225	Correlations between nucleon transfer and fusion at near-barrier energies for the systems $^{32}\text{S} + ^{100,101}\text{Ru}$ and $^{33}\text{S} + ^{90,91,92}\text{Zr}$ . Zeitschrift für Physik A, 1993, 346, 217-226.	0.9	14
226	Subbarrier fusion of $^{16}\text{O} + ^{112}\text{Cd}$ : Cross sections and mean angular momenta. Nuclear Physics A, 1994, 575, 374-380.	1.5	14
227	Mean angular momenta in heavy ion fusion. Nuclear Physics A, 1995, 583, 129-134.	1.5	14
228	Yrast bands and signature inversion in doubly odd $^{162, 164}\text{Lu}$ . Zeitschrift für Physik A, 1996, 354, 5-6.	0.9	14
229	Proton excitations across the $Z = 64$ gap in the doubly magic superdeformed nucleus $^{144}\text{Gd}$ . Nuclear Physics A, 1997, 618, 238-258.	1.5	14
230	Unresolved $\gamma$ Rays in $^{114}\text{Te}$ : Mass Dependence of Rotational Damping. Physical Review Letters, 1999, 83, 5234-5237.	7.8	14
231	Coupling modes in doubly odd nuclei: The case of $^{172}\text{Ta}$ . Physical Review C, 2000, 61, .	2.9	14
232	First observation of excited states in the $T_z = 1/2$ nucleus $^{85}\text{Mo}$ . Physical Review C, 2002, 65, .	2.9	14
233	High-spin states in doubly odd $^{166}\text{Tm}$ . Physical Review C, 2002, 66, .	2.9	14
234	Yrast states in neutron-rich $^{41}\text{Cl}$ . Physical Review C, 2003, 67, .	2.9	14

#	ARTICLE	IF	CITATIONS
235	High-spin structure and intruder excitations in $^{36}\text{Cl}$ . Physical Review C, 2012, 86, .	4.1	14
236	High-spin level structure of $^{35}\text{S}$ . Physical Review C, 2014, 89, .	2.9	14
238	Isospin Symmetry at High Spin Studied via Nucleon Knockout from Isomeric States. Physical Review Letters, 2016, 117, 082502.	7.8	14
239	Monolayer doping of germanium by phosphorus-containing molecules. Nanotechnology, 2018, 29, 465702.	2.6	14
240	Neutron Skin Effects in Mirror Energy Differences: The Case of $^{23}\text{Mg}$ .	7.8	14
241	Phys Lifetime measurements in $^{54}\text{Ti}$ to study shell evolution toward $N=32$ . Physical Review C, 2019, 100, .	2.9	14
242	Testing <i>ab initio</i> nuclear structure in neutron-rich nuclei: Lifetime measurements of second state in $^{16}\text{C}$ and $^{16}\text{O}$ .	2.9	14
243	New states in $^{16}\text{C}$ and $^{16}\text{O}$ . European Physical Journal A, 2000, 7, 147.	2.5	14
244	The DESPEC setup for GSI and FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1033, 166662.	1.6	14
245	Fusion and quasi-elastic transfer in the systems $^{58}\text{Ni}+^{90,91,94}\text{Zr}$ near the Coulomb barrier. Zeitschrift für Physik A, 1991, 338, 171-181.	0.9	13
246	Rotational structures in the odd-odd nucleus $^{80}\text{Y}$ . Zeitschrift für Physik A, 1995, 352, 361-362.	0.9	13
247	Double band crossing in the superdeformed nucleus $^{145}\text{Gd}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 456-461.	4.1	13
248	Short Note High spin states in $^{48}\text{Cr}$ . Zeitschrift für Physik A, 1996, 354, 117-118.	0.9	13
249	Nonidentical twin bands in doubly odd $^{170}\text{Lu}$ . Physical Review C, 1999, 60, .	2.9	13
250	Excited states in $^{104}\text{Cd}$ described with the interacting boson model plus broken pairs. Physical Review C, 1999, 60, .	2.9	13
251	Alternating parity bands in $^{87218}\text{Fr}$ . Physical Review C, 2000, 62, .	2.9	13
252	Investigation of the magnetic rotation in $^{196}\text{Pb}$ . European Physical Journal A, 2001, 11, 121-124.	2.5	13

#	ARTICLE	IF	CITATIONS
253	Collectivity at high spins in $^{156}\text{Dy}$ . <i>Physical Review C</i> , 2003, 68, .	2.9	13
254	Excited states in $^{163,164}\text{Ho}$ populated through incomplete-fusion reactions. <i>European Physical Journal A</i> , 2004, 21, 383-390.	2.5	13
255	High-spin level scheme of $^{183}\text{Au}$ . <i>Physical Review C</i> , 2005, 71, .	2.9	13
256	High-spin structure of $^{37}\text{Cl}$ and intruder excitations, and the $^{37}\text{Cl}$ $\gamma$ -ray spectroscopy and shell-model description of $^{85,86}\text{Y}$ isotopes. <i>Nuclear Physics A</i> , 2009, 818, 1-35.	2.9	13
257	In-beam $\gamma$ -ray spectroscopy and shell-model description of $^{85,86}\text{Y}$ isotopes. <i>Nuclear Physics A</i> , 2009, 818, 1-35.	1.5	13
258	Germanium nitride and oxynitride films for surface passivation of Ge radiation detectors. <i>Applied Surface Science</i> , 2017, 393, 119-126.	6.1	13
259	Effects of one valence proton on seniority and angular momentum of neutrons in neutron-rich $^{139}\text{Sb}$ isotopes. <i>Physical Review C</i> , 2019, 99, .	2.9	13
260	Maximum entropy approach to nuclear fission processes. <i>Nuclear Physics A</i> , 1986, 454, 338-358.	1.5	12
261	On the two-quasineutron rotational band in $^{138}\text{Ba}$ . <i>Nuclear Physics A</i> , 2000, 674, 357-376.	1.5	12
262	The CLARA-PRISMA setup installed at LNL: first results. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1443-S1448.	3.6	12
263	Factors of coexisting isomeric states in $^{188}\text{Pb}$ . <i>Physical Review C</i> , 2010, 81, .	2.9	12
264	Mirrored one-nucleon knockout reactions to the $^{229}\text{Th}$ nuclei. <i>Physical Review C</i> , 2016, 93, .	2.9	12
265	High-spin structures in $^{132}\text{Xe}$ and $^{133}\text{Xe}$ and evidence for isomers along the $N=79$ isotones. <i>Physical Review C</i> , 2017, 96, .	2.9	12
266	In-beam $\gamma$ -ray spectroscopy of the neutron-rich platinum isotope $^{200}\text{Pt}$ toward the $^{200}\text{Pt}$ lifetime measurements in the even-even $^{200}\text{Pt}$ nucleus. <i>Physical Review C</i> , 2021, 104, .	2.9	12
267	High-spin structures in $^{126}\text{Cd}$ isotopes. <i>Physical Review C</i> , 2021, 104, .	2.9	12
268	Pseudospin flip in doubly decoupled structures and identical bands. <i>Physical Review C</i> , 1994, 50, R530-R533.	2.9	11
269	High-spin states in $^{121}\text{Te}$ . <i>Zeitschrift für Physik A</i> , 1995, 352, 359-360.	0.9	11
270	High-spin state spectroscopy in $^{143}\text{Tb}$ . <i>Physical Review C</i> , 1999, 60, .	2.9	11

#	ARTICLE	IF	CITATIONS
271	High-spin states in the odd-odd nucleus $^{80}\text{Y}$ . Nuclear Physics A, 2002, 705, 3-28.	1.5	11
272	Transition strengths between particle hole excitations in $^{95}\text{Ru}$ . Physical Review C, 2004, 69, .	2.9	11
273	Suppression of band crossing in the neutron-rich nuclei $^{172,173}\text{Yb}$ due to the absence of a static pair field. European Physical Journal A, 2005, 26, 19-24.	2.5	11
274	High-spin octupole yrast levels in $^{216}\text{Rn}$ . Physical Review C, 2006, 73, .	2.9	11
275	SEARCH FOR SIGNATURE INVERSION IN THE $\frac{1}{2}^{-}$ BANDS IN $^{182,184,186}\text{Au}$ . International Journal of Modern Physics E, 2006, 15, 1437-1445.	1.0	11
276	Title is missing!. Acta Physica Polonica B, 2011, 42, 747.	0.8	11
277	Shape isomerism and shape coexistence effects on the Coulomb energy differences in the $N=Z$ nucleus $^{66}\text{As}$ and neighboring $T=1$ multiplets. Physical Review C, 2012, 85, .	2.9	11
278	Global properties of $K^{\pi}$ hindrance probed by the $\beta^3$ decay of the warm rotating $^{174}\text{W}$ nucleus. Physical Review C, 2013, 88, .	2.9	11
279	Analyzing power of AGATA triple clusters for gamma-ray linear polarization. European Physical Journal A, 2015, 51, 1.	2.5	11
280	Experimental study of the isovector giant dipole resonance in $^{80}\text{Zr}$ and $^{81}\text{Rb}$ . Physical Review C, 2017, 95, .	2.9	11
281	Characterization and modeling of thermally-induced doping contaminants in high-purity germanium. Journal Physics D: Applied Physics, 2019, 52, 035104.	2.8	11
282	Shape coexistence in neutron-deficient $^{188}\text{Hg}$ investigated via lifetime measurements. Physical Review C, 2020, 102, .	2.9	11
283	Near-barrier transfer and fusion of the systems $^{33}\text{S} + ^{90,91,92}\text{Zr}$ . Zeitschrift für Physik A, Atomic Nuclei, 1990, 335, 55-72.	0.3	10
284	Identification of the $^{147}\text{Er}$ nucleus through $\beta^3$ -recoil coincidences. Zeitschrift für Physik A, 1992, 343, 121-122.	0.9	10
285	Study of superdeformed bands in nuclei with $A \approx 150$ by heavy-ion coincidences. Zeitschrift für Physik A, 1992, 341, 131-136.	0.9	10
286	Proton and neutron alignments in the doubly odd nucleus $^{76}\text{Br}$ . Nuclear Physics A, 1997, 627, 334-348.	1.5	10
287	Spectroscopy of $^{44,46}\text{Ti}$ with the Binary Reaction Spectrometer and Euroball. Physica Scripta, 2000, T88, 114.	2.5	10
288	Superdeformation in $^{91}\text{Tc}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 492, 245-253.	4.1	10

#	ARTICLE	IF	CITATIONS
289	Multiple octupole excitations in $^{148}\text{Gd}$ . European Physical Journal A, 2000, 8, 147-151.	2.5	10
290	Signature inversion in $^{13/2}^-$ structure in $^{178}\text{lr}$ . European Physical Journal A, 2001, 10, 245-248.	2.5	10
291	Spectroscopy near the proton drip line in the deformed $A=130$ mass region: The $^{126}\text{Pr}$ nucleus. Physical Review C, 2001, 64, .	2.9	10
292	Spectroscopy of the deformed $^{126}\text{Ce}$ nucleus. European Physical Journal A, 2003, 16, 337-346.	2.5	10
293	The yrast spectroscopy of neutron-rich nuclei produced in deep-inelastic processes. European Physical Journal A, 2003, 20, 111-112.	2.5	10
294	Signature inversion and deformation driving effects in $^{178}\text{lr}$ . Physical Review C, 2003, 67, .	2.9	10
295	Identification of Oblate Band in Odd-Odd $^{184}\text{Au}$ . Chinese Physics Letters, 2004, 21, 799-801.	3.3	10
296	Search for $^{12}\text{C}+^{12}\text{C}$ molecule in $^{24}\text{Mg}^*$ populated by $^{24}\text{Mg}+^{12}\text{C}$ . Nuclear Physics A, 2004, 734, 453-456.	1.5	10
297	Investigation of high-spin states in $^{53}\text{Fe}$ . Physical Review C, 2005, 72, .	2.9	10
298	$^{13}\text{B}$ -ray spectroscopy of $^{1738}\text{Cl}$ using grazing reactions. Physical Review C, 2010, 81, .	2.9	10
299	$^{12}$ -decay and $^{12}$ -delayed Neutron Emission Measurements at GSI-FRS Beyond $^{126}\text{C}$ for r-process Nucleosynthesis. Nuclear Data Sheets, 2014, 120, 81-83.	2.2	10
300	Spectroscopy of the neutron-rich actinide nucleus $^{240}\text{U}$ following multinucleon-transfer reactions. Physical Review C, 2015, 92, .	2.9	10
301	High-spin structure of $^{134}\text{Xe}$ isomers and high-spin structures in the $^{135}\text{Xe}$ isotones. Physical Review C, 2016, 93, .	2.9	10
302	Structure of $^{135}\text{Xe}$ isotones and $^{135}\text{Ba}$ and $^{135}\text{La}$ isotones. Physical Review C, 2016, 93, .	2.9	10
303	Pulsed laser diffusion of thin hole-barrier contacts in high purity germanium for gamma radiation detectors. European Physical Journal A, 2018, 54, 1.	2.5	10
304	Isospin dependence of electromagnetic transition strengths among an isobaric triplet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134835.	4.1	10
305	Structure of $N=Z$ nuclei in the $1f_{7/2}$ shell. II Nuovo Cimento A, 1998, 111, 739-746.	0.1	10
306	Fusion of $^{64}\text{Ni} + ^{92,96}\text{Zr}$ near and below the Coulomb barrier. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 43-46.	4.1	9



#	ARTICLE	IF	CITATIONS
325	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.	2.5	8
326	Rotational bands in the near-drip-line nucleus $^{128}\text{Nd}$ . European Physical Journal A, 2001, 12, 139-141.	2.5	8
327	Neutron excitations across the $N=50$ shell gap in $^{102}\text{In}$ . Nuclear Physics A, 2002, 708, 181-189.	1.5	8
328	Gamma-ray feeding and decay of superdeformed states. European Physical Journal A, 2003, 20, 49-53.	2.5	8
329	Delayed crossing in the $\pi h_{9/2}^{-1/2}$ -[541] band of $^{173}\text{Lu}$ . European Physical Journal A, 2003, 18, 577-581.	2.5	8
330	Revised and extended level scheme of the doubly-odd nucleus $^{188}\text{Ir}$ . Physical Review C, 2008, 77, 014307.	2.9	8
331	Isomeric decay spectroscopy of the $^{122}\text{Ba}$ isotope. Physical Review C, 2014, 90, 014307.	2.9	8
332	Isomeric decay spectroscopy of the $^{217}\text{Bi}$ isotope. Physical Review C, 2014, 90, 014307.	2.9	8
333	Characterization of different surface passivation routes applied to a planar HPCGe detector. European Physical Journal A, 2015, 51, 1.	2.5	8
334	Lifetime measurements in $^{102}\text{Pd}$ : Searching for empirical proof of the $E(5)$ critical-point symmetry in nuclear structure. Physical Review C, 2016, 93, 014307.	2.9	8
335	$^{69}\text{Cu}$ from the $^{69}\text{Zn}$ isotope. Physical Review C, 2016, 93, 014307.	2.9	8

#	ARTICLE	IF	CITATIONS
343	High-spin state spectroscopy of $^{143}\text{Dy}$ . <i>Physical Review C</i> , 2000, 62, .	2.9	7
344	First identification of excited states in the $T_z=1/2$ nucleus $^{81}\text{Zr}$ . <i>Physical Review C</i> , 2000, 61, .	2.9	7
345	Investigations of $^{159}\text{Er}$ – $^{163}\text{Dy}$ using incomplete fusion reactions. <i>Progress in Particle and Nuclear Physics</i> , 2001, 46, 213-220.	14.4	7
346	Identification and study of the very neutron deficient nuclide $^{111}\text{I}$ : search for octupole correlations in the region of $N \approx Z \approx 56$ . <i>Nuclear Physics A</i> , 2001, 682, 387-393.	1.5	7
347	Shell model and octupole excitations in $^{147}\text{Eu}$ . <i>Physical Review C</i> , 2001, 64, .	2.9	7
348	Lifetime measurements of high-spin states in $^{101}\text{Ag}$ and their interpretation in the interacting boson fermion plus broken pair model. <i>Physical Review C</i> , 2001, 64, .	2.9	7
349	Lifetime measurements in $^{148}\text{Gd}$ . <i>European Physical Journal A</i> , 2003, 17, 29-36.	2.5	7
350	Pseudo-spin band in the odd-odd nucleus $^{172}\text{Lu}$ . <i>European Physical Journal A</i> , 2003, 18, 1-4.	2.5	7
351	Maximally aligned states in the proton drip line nucleus $^{106}\text{Sb}$ . <i>Nuclear Physics A</i> , 2005, 753, 251-262.	1.5	7
352	High spin studies of the Er and Tm isotopes around $A = 166$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1827-S1830.	3.6	7
353	Identification of excited states and shell model description of the $N=Z+1$ nucleus $^{91}\text{Rh}$ . <i>Physical Review C</i> , 2005, 72, .	2.9	7
354	Measurement of lifetimes in $^{146}\text{V}$ with the EUROBALL $\hat{\Gamma}^3$ -ray spectrometer. <i>Physical Review C</i> , 2006, 74, .	2.9	7
355	High-spin $\hat{\Gamma}^3$ -ray spectroscopy in $^{52}\text{Mn}$ . <i>Physical Review C</i> , 2007, 76, .	2.9	7
356	Title is missing!. <i>Acta Physica Polonica B</i> , 2011, 42, 817.	0.8	7
357	High-spin structure in $^{40}\text{K}$ . <i>Physical Review C</i> , 2012, 86, .	2.9	7
358	Study of the soft dipole modes in $^{140}\text{Ce}$ via inelastic scattering of $^{17}\text{O}$ . <i>Physica Scripta</i> , 2014, 89, 054016.	2.5	7
359	First in-beam $\hat{\Gamma}^3$ -ray study of the level structure of neutron-rich $^{39}\text{S}$ . <i>Physical Review C</i> , 2016, 94, .	2.9	7
360	Transition strengths in the neutron-rich $^{73,74,75}\text{Ni}$ isotopes. <i>Physical Review C</i> , 2020, 102, .	2.9	7

#	ARTICLE	IF	CITATIONS
361	Spectroscopy of the $T\hat{a}^{-}=\hat{a}^{-}2$ mirror nuclei $48\text{Fe}/48\text{Ti}$ using mirrored knockout reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136757.	4.1	7
362	Near-barrier transfer reactions in the $S36+144,154\text{Sm}$ systems. Physical Review C, 1992, 45, 748-758.	2.9	6
363	Performance of the LNL recoil mass spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 339, 531-542.	1.6	6
364	Towards $100\text{Sn}$ with GASP + Si-ball + Recoil Mass Spectrometer: High-spin states of $105\text{Sn}$ and $103\text{In}$ . Nuclear Physics A, 1995, 583, 231-234.	1.5	6
365	Approaching $100\text{Sn}$ with GASP + Si-ball + Recoil Mass Spectrometer: collective states of $105\text{Sn}$ and $103,105\text{In}$ . Physica Scripta, 1995, T56, 296-298.	2.5	6
366	Energy deposition in reactions at. Journal of Physics G: Nuclear and Particle Physics, 1997, 23, 1377-1382.	3.6	6
367	Elastic two-neutron transfer reactions of $58\text{Ni}+60\text{Ni}$ and $62\text{Ni}+64\text{Ni}$ around the Coulomb barrier. Physical Review C, 1997, 55, R5-R7.	2.9	6
368	Influence of the entrance channel in the fusion reaction $318\text{ MeV } 74\text{Ge}+74\text{Ge}$ . Nuclear Physics A, 1998, 635, 325-345.	1.5	6
369	Influence of valence neutron configuration on quadrupole deformation in doubly-odd $134\text{Pr}$ . Physical Review C, 1998, 58, R1367-R1371.	2.9	6
370	Properties of the $\frac{1}{2}^{-}$ band in odd-odd $184\text{Au}$ . Physical Review C, 2004, 70, .	2.9	6
371	First identification of excited states in the $N=Z+1$ nucleus $89\text{Ru}$ . Physical Review C, 2004, 70, .	2.9	6
372	$\text{Cr}49$ : Towards full spectroscopy up to 4 MeV. Physical Review C, 2006, 73, .	2.9	6
373	Evolution of the Ar isotopic chain: the $N=28$ shell gap south of $48\text{Ca}$ . Nuclear Physics A, 2010, 834, 69c-71c.	1.5	6
374	New high-spin isomer and quasiparticle-vibration coupling in $187\text{Ir}$ . Physical Review C, 2010, 81, .	2.9	6
375	Lifetime measurements in mirror nuclei $^{31}\text{S}$ and $^{31}\text{P}$ : A test for isospin mixing. Journal of Physics: Conference Series, 2011, 267, 012048.	0.4	6
376	Collectivity in $^{54}\text{S}$ . Physical Review C, 2011, 83, .	2.9	6
377	Title is missing!. Acta Physica Polonica B, 2011, 42, 717.	0.8	6
378	Towards the Determination of Superdeformation in $^{42}\text{Ca}$ . Acta Physica Polonica B, 2013, 44, 617.	0.8	6

#	ARTICLE	IF	CITATIONS
379	Lifetimes and electromagnetic transition strengths in $^{155}\text{Dy}$ . Physical Review C, 2013, 88, .	2.9	6
380	Spectroscopy of the neutron-deficient $N=50$ nucleus $^{95}\text{Rh}$ . Physical Review C, 2014, 89, .	2.9	6
381	Triplet energy differences and the low lying structure of $^{62}\text{Ga}$ . Physical Review C, 2015, 92, .	2.9	6
382	Role of the $\hat{I}^{\pi}$ Resonance in the Population of a Four-Nucleon State in the $^{56}\text{Fe} + ^{54}\text{Fe}$ Reaction at Relativistic Energies. Physical Review Letters, 2016, 117, 222302.	7.8	6
383	A powerful combination measurement for exploring the fusion reaction mechanisms induced by weakly bound nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 914, 64-68.	1.6	6
384	Low-lying electric dipole $\hat{I}^{\pi}$ -continuum for the unstable $^{62,64}\text{Fe}$ nuclei: Strength evolution with neutron number. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135951.	4.1	6
385	Population of lead isotopes in binary reactions using a $^{94}\text{Rb}$ radioactive beam. Physical Review C, 2020, 102, .	2.9	6
386	Accessing tens-to-hundreds femtoseconds nuclear state lifetimes with low-energy binary heavy-ion reactions. European Physical Journal A, 2021, 57, 1.	2.5	6
387	$^{31}\text{S}$ and $^{31}\text{P}$ . Physical Review C, 2004, 70, 044601.	2.9	6
388	First allowed bandcrossing in neutron deficient nucleus $^{141}\text{Tb}$ . Brazilian Journal of Physics, 2004, 34, 1002-1004.	1.4	6
389	Isospin Symmetry Breaking in Mirror Nuclei $^{23}\text{Mg}-^{23}\text{Na}$ . Acta Physica Polonica B, 2017, 48, 313.	0.8	6
390	Complete set of bound negative-parity states in the neutron-rich nucleus $^{18}\text{N}$ . Physical Review C, 2021, 104, .	2.9	6
391	Multinucleon-transfer reactions for the $^{50}\text{Ti}+^{93}\text{Nb}$ system at sub- and near-barrier energies. Physical Review C, 1991, 43, 1321-1330.	2.9	5
392	Identification of high spin states in $^{146}\text{Dy}$ through $\hat{I}^{\pi}$ -recoil coincidences. Zeitschrift für Physik A, 1992, 341, 371-372.	0.9	5
393	$\hat{I}^{\pi}E^{\pi}=30\text{keV}$ ridge observed in the $^{37}\text{Cl}+^{120}\text{Sn}$ reaction. Physical Review C, 1997, 56, 257-262.	2.9	5
394	A dipole band in $^{124}\text{Xe}$ . Zeitschrift für Physik A, 1997, 359, 347-348.	0.9	5
395	Step-wise occupation of the $\hat{I}^{\pi}2i_{13/2}$ intruder orbital in the doubly-odd nucleus $^{132}\text{Pr}$ . Physical Review C, 1998, 58, R611-R615.	2.9	5
396	First identification of excited states in the $N = Z$ nucleus $^{70}\text{Br}$ . European Physical Journal A, 1999, 5, 243-246.	2.5	5

#	ARTICLE	IF	CITATIONS
397	Study of quadrupole moments of superdeformed bands in 145Gd. Nuclear Physics A, 2000, 677, 25-37.	1.5	5
398	Electromagnetic B(E2) transition strengths along the yrast negative-parity band of 113I. Physical Review C, 2003, 67, .	2.9	5
399	Signature inversion in the semidecoupled $\pi h_{9/2} \otimes u_{13/2}$ band of the odd-odd nucleus 172 Lu. European Physical Journal A, 2004, 20, 375-379.	2.5	5
400	Isospin Symmetry Along The N=Z Line In The sd Shell. AIP Conference Proceedings, 2005, , .	0.4	5
401	Decay out of the highly deformed band in Nd133. Physical Review C, 2005, 72, .	2.9	5
402	ALPHA-CLUSTER STATES POPULATED IN 24Mg + 12C. International Journal of Modern Physics E, 2008, 17, 2049-2054.	1.0	5
403	Non-termination of yrast bands at maximum configuration spin in $Kr$ . Physical Review Letters, 2008, 101, 152701.	2.9	5
404	High-resolution spectroscopy of $Rn$ . Physical Review C, 2012, 86, .	2.9	5
405	High-spin structure of 95Pd. Physical Review C, 2012, 86, .	2.9	5
406	Lifetime Measurements in Neutron-rich Cu Isotopes. Acta Physica Polonica B, 2013, 44, 505.	0.8	5
407	Population of the $Ba$ state of $Ba$ . Physical Review C, 2013, 87, 044307.	2.9	5
408	The Meyer-Neldel rule in the conductivity of insulating germanium nitride and oxynitride films. Journal of Non-Crystalline Solids, 2016, 452, 280-285.	3.1	5
409	First measurement with a new setup for low-energy Coulomb excitation studies at INFN LNL. Physica Scripta, 2017, 92, 074001.	2.5	5
410	Study of isomeric states in $^{198,200,202,206}Pb$ and $^{206}Hg$ populated in fragmentation reactions. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 035105.	3.6	5
411	Transition probabilities in neutron-rich $Se$ and the role of the $g_{7/2}$ band. Physical Review C, 2018, 98, 044307.	2.9	5
412	M1 and E2 transition rates from core-excited states in semi-magic 94Ru. European Physical Journal A, 2018, 54, 1.	2.5	5
413	Lifetime measurements using a plunger device and the EUCLIDES Si array at the GALILEO $^{137}Ba$ $\gamma$ -ray spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 979, 164345.	1.6	5
414	Octupole correlations near $^{110}Te$ . Physical Review C, 2021, 103, .	2.9	5

#	ARTICLE	IF	CITATIONS
415	New method for the production of thin and stable, segmented n <sup>+</sup> contacts in HPGe detectors. European Physical Journal A, 2021, 57, 1.	2.5	5
416	Transition probabilities in <sup>31</sup> P and <sup>31</sup> S: A test for isospin symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136603.	4.1	5
417	Cold fragmentation and high-energy fission: An entropic approach. Nuclear Physics A, 1989, 493, 253-266.	1.5	4
418	Shears band in the <sup>105</sup> Sn nucleus. Zeitschrift für Physik A, 1997, 358, 193-194.	0.9	4
419	Quadrupole moment of the yrast superdeformed band in <sup>144</sup> Gd. Physical Review C, 1999, 60, .	2.9	4
420	New states in <sup>44,46</sup> Ar isotopes from deep-inelastic heavy ion reaction studies. European Physical Journal A, 2000, 7, 147-148.	2.5	4
421	Study of the Mo-Ba partition in <sup>252</sup> Cf spontaneous fission. European Physical Journal A, 2000, 7, 189-195.	2.5	4
422	The $\epsilon_{h11/2} - \hat{1}^2_{h11/2}$ yrast band in odd-odd <sup>140</sup> Tb. Physical Review C, 2000, 62, .	2.9	4
423	New nuclei around the Ni-Z line in the A = 80-90 Region. Progress in Particle and Nuclear Physics, 2001, 46, 269-270.	14.4	4
424	Quadrupole moment of the K $\pi$ =14 <sup>+</sup> isomer in <sup>176</sup> W. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 541, 219-226.	4.1	4
425	Search for the Jacobi shape transition in light nuclei. European Physical Journal A, 2003, 20, 165-166.	2.5	4
426	Intruder configurations in neutron-rich P and S isotopes. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1935-S1938.	3.6	4
427	Test of the critical point symmetry X(5) in neutron deficient osmium isotopes at A $\approx$ 180. AIP Conference Proceedings, 2006, , .	0.4	4
428	Reaction mechanisms in [ <sup>24</sup> Mg+ <sup>12</sup> C] and [ <sup>32</sup> S+ <sup>24</sup> Mg], 2009, , .		4
429	Title is missing!. Acta Physica Polonica B, 2011, 42, 653.	0.8	4
430	Toward the $N = 40$ sub-shell closure in Co isotopes and the new island of inversion. Physica Scripta, 2012, T150, 014034.	2.5	4
431	Neutron effective single particle energies above $N = 78$ : A hint from lifetime measurements in the $N = 51$ isotones	2.9	4
432	High-spin states and lifetimes in <sup>53</sup> S and shell-model interpretation in the $sd$ - $fp$ space. Physical Review C, 2017, 96, .	2.9	4

#	ARTICLE	IF	CITATIONS
433	Thermally induced irreversibility in the conductivity of germanium nitride and oxynitride films. Materials Science in Semiconductor Processing, 2018, 74, 57-63.	4.0	4
434	Pseudospin partner bands in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \rangle \text{Ba} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mn} \rangle 130 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ . Physical Review C, 2020, 102,	2.9	4
435	of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \rangle \text{Ni} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mn} \rangle 75 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ and the systematics of the low-lying level structure of neutron-rich odd- $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \text{Ac} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Cu isotopes.	2.9	4
436	Lifetime Measurements Using RDDS Method in the Vicinity of $\text{\$}^{78}\text{\$Ni}$ . Acta Physica Polonica B, 2019, 50, 633.	0.8	4
437	Interaction times in the $^{19}\text{F}+^{63}\text{Cu}$ dissipative heavy ion reaction. Zeitschrift für Physik A, Atomic Nuclei, 1990, 336, 387-390.	0.3	3
438	Reaction mechanisms and their interaction time in dissipative heavy-ion collisions. Physical Review C, 1990, 41, 2062-2068.	2.9	3
439	Excited states populated via nucleon transfer in the reaction $^{32}\text{S}+^{208}\text{Pb}$ . Zeitschrift für Physik A, 1992, 344, 353-354.	0.9	3
440	Superdeformation in $^{142}\text{Eu}$ . Zeitschrift für Physik A, 1994, 348, 251-253.	0.9	3
441	Coulomb excitation and transfer reactions. Progress in Particle and Nuclear Physics, 1997, 38, 79-85.	14.4	3
442	Study of $f_{7/2}$ N=Z nuclei at GASP. Progress in Particle and Nuclear Physics, 1997, 38, 223-224.	14.4	3
443	Excitation energy deposition in $^{209}\text{Bi}(\hat{1}_{\pm}, \hat{1}_{\pm} \hat{\alpha} \hat{\epsilon}^2)$ reactions at 240 MeV. Physical Review C, 1998, 58, R624-R627.	2.9	3
444	Sum-up and pile-up contribution to cross-over peaks in coincidence $\hat{1}^3$ spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 481, 262-283.	1.6	3
445	A study of $\hat{1}^3$ decays and octupole bands in $^{21}\text{Ne}$ and $^{21}\text{Na}$ . Physics of Atomic Nuclei, 2003, 66, 1428-1433.	0.4	3
446	High-spin states of an odd-odd $^{184}\text{Au}$ nucleus. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1545-S1549.	3.6	3
447	Sub-shell closures in neutron-rich Vanadium isotopes. Journal of Physics: Conference Series, 2006, 49, 91-92.	0.4	3
448	Aspects of Low Energy Binary Reactions. AIP Conference Proceedings, 2007, , .	0.4	3
449	Nuclear Structure far from stability at the N=50 Shell Closure. AIP Conference Proceedings, 2008, , .	0.4	3
450	Structure of $^{46}\text{Ti}$ at low excitation energy. Physical Review C, 2011, 84, .	2.9	3

#	ARTICLE	IF	CITATIONS
451	Electromagnetic transition strengths in $^{155}\text{Dy}$ . Journal of Physics: Conference Series, 2012, 366, 012050.	0.4	3
452	Properties of the rotational bands in deformed odd-odd $^{184}\text{Au}$ . Physical Review C, 2013, 87, .	2.9	3
453	Lifetime measurements on fission fragments in the $A \approx 100$ region. EPJ Web of Conferences, 2013, 62, 01002.	0.3	3
454	High-spin states and band terminations in $^{149}\text{V}$ . Physical Review C, 2015, 92, .	2.9	3
455	Approaching the precursor nuclei of the third r-process peak with RIBs. Journal of Physics: Conference Series, 2016, 665, 012045.	0.4	3
456	Coulomb excitation studies at LNL with the SPIDER-GALILEO set-up. Physica Scripta, 2020, 95, 024005.	2.5	3
457	Evidence for enhanced neutron-proton correlations from the level structure of the $^{137}\text{Ba}$ nucleus. Physical Review C, 2021, 104, .	2.9	3
458	Study of Quadrupole Correlations in $N=Z=50$ Region via Lifetime Measurements. Acta Physica Polonica B, 2017, 48, 331.	0.8	3
459	Crossing of shears bands in $^{196}\text{Pb}$ . Zeitschrift für Physik A, 1996, 355, 337-338.	0.9	2
460	Crossing of shears bands in $^{196}\text{Pb}$ . Zeitschrift für Physik A, 1996, 355, 337-338.	0.9	2
461	Magnetic dipole bands in $^{196}\text{Pb}$ . Physical Review C, 1998, 58, 154001.		2
462	Decay-out of the yrast superdeformed band in $^{136}\text{Nd}$ : towards an experimental extraction of the neutron pairing gap in the second well. Nuclear Physics A, 1999, 654, 714c-718c.	1.5	2
463	Energy deposition and GDR emission in the reaction $^{209}\text{Bi}(\alpha, \alpha' n)$ at 240 MeV. Nuclear Physics A, 1999, 652, 17-33.	1.5	2
464	Fragment dependence of high energy $\gamma$ -ray emission in the spontaneous fission of $^{252}\text{Cf}$ . European Physical Journal A, 1999, 4, 343-348.	2.5	2
465	Observation of a double giant dipole resonance in fusion-evaporation reactions. Physical Review C, 2001, 63, .	2.9	2
466	Lifetime Measurements of Spherical and Deformed States in $1f_{7/2}$ Nuclei. Acta Physica Hungarica A Heavy Ion Physics, 2002, 16, 65-74.	0.4	2
467	Experimental investigation of the level density in highly excited nuclei around $^{208}\text{Pb}$ . European Physical Journal A, 2002, 13, 419-428.	2.5	2
468	Transition Probabilities And Chiral Symmetry In $^{134}\text{Pr}$ . AIP Conference Proceedings, 2005, , .	0.4	2

#	ARTICLE	IF	CITATIONS
469	The new Heavy-ion MCP-based Ancillary Detector DANTE for the CLARA-PRISMA Setup. AIP Conference Proceedings, 2006, , .	0.4	2
470	Spectroscopic studies with the PRISMA-CLARA set-up. Journal of Physics: Conference Series, 2010, 205, 012038.	0.4	2
471	Evolution of collectivity in the $^{78}\text{Ni}$ region: Coulomb excitation of $^{74}\text{Ni}$ at intermediate energies.. EPJ Web of Conferences, 2014, 66, 02066.	0.3	2
472	AGATA modules as Compton polarimeters for the measurement of gamma-ray linear polarisation. EPJ Web of Conferences, 2014, 66, 11004.	0.3	2
473	Spin distribution measurement for $^{64}\text{Ni} + ^{100}\text{Mo}$ at near and above barrier energies. EPJ Web of Conferences, 2015, 86, 00053.	0.3	2
474	Germanium detectors for nuclear spectroscopy: Current research and development activity at LNL. AIP Conference Proceedings, 2016, , .	0.4	2
475	Shape coexistence in $^{94}\text{Zr}$ studied via Coulomb excitation. EPJ Web of Conferences, 2019, 223, 01038.	0.3	2
476	Lifetime measurements of $^{20}\text{P}$ phosphorus isotopes using the AGATA $\hat{\Gamma}^3$ -ray tracking spectrometer. Physical Review C, 2019, 100, .	2.9	2
477	Persistence of the $Z=28$ shell gap in $A=75$ isobars: Identification of a possible $(1/2^+)$ $\hat{\Gamma}^3$ isomer in $^{75}\text{Co}$ and $\hat{\Gamma}^2$ decay to $^{75}\text{Ni}$ . Physical Review C, 2021, 103, .	2.9	2
478	Lifetimes of core-excited states in semi-magic $^{95}\text{Rh}$ . European Physical Journal A, 2020, 56, 1.	2.5	2
479	Gamma Decay of the Possible $1^+$ Two-phonon State in $^{140}\text{Ce}$ Excited via Inelastic Scattering of $^{17}\text{O}$ . Acta Physica Polonica B, 2016, 47, 859.	0.8	2
480	First Results on the Excited States in $^{77}\text{Cu}$ . Acta Physica Polonica B, 2016, 47, 889.	0.8	2
481	Lifetime Measurements with the Doppler Shift Attenuation Method Using a Thick Homogeneous Production Target --- Verification of the Method. Acta Physica Polonica B, 2017, 48, 325.	0.8	2
482	Inclusive and exclusive measurements of high energy $\hat{\Gamma}^3$ -rays in the 101 MeV. European Physical Journal A, 2000, 7, 361.	2.5	2
483	Interpretation of excited states in $^{212}\text{Po}$ : Shell-model multiplets rather than $\hat{\Gamma}^3$ -cluster states. Physical Review C, 2021, 104, .	2.9	2
484	Extreme nuclear deformations studied at the GASP spectrometer. Acta Physica Hungarica A Heavy Ion Physics, 1997, 6, 241-252.	0.4	2
485	Deformation of highly deformed bands in Nd nuclei. Il Nuovo Cimento A, 1998, 111, 657-661.	0.1	2
486	On the concept of cold fragmentation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 210, 61-63.	4.1	1

#	ARTICLE	IF	CITATIONS
487	Pseudo-spin flip in doubly decoupled structures and identical bands. Nuclear Physics A, 1995, 583, 209-214.	1.5	1
488	High-spin states in $^{123}\text{Te}$ . Zeitschrift für Physik A, 1996, 354, 233-234.	0.9	1
489	Superdeformation around $^{144}\text{Gd}$ . Progress in Particle and Nuclear Physics, 1997, 38, 41-49.	14.4	1
490	Excitation energy deposition in $^{209}\text{Bi}(\alpha, \alpha^{\prime})$ reactions at 240 MeV. Nuclear Physics A, 1999, 654, 775c-778c.	1.5	1
491	Studies of fragment spin as a function of fragment mass in heavy ion induced fission reactions. Nuclear Physics A, 1999, 654, 845c-848c.	1.5	1
492	Elastic and inelastic scattering of $^{58}\text{Ni} + ^{90,94}\text{Zr}$ . European Physical Journal A, 1999, 4, 157-164.	2.5	1
493	Orbifold projection in supersymmetric QCD at $N_f \geq 2N_c$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 492, 369-375.	4.1	1
494	Conservation of the K-quantum number in warm nuclei. Nuclear Physics A, 2005, 752, 227-230.	1.5	1
495	Compound And Rotational Damping In Warm Nuclei. AIP Conference Proceedings, 2005, , .	0.4	1
496	High-K band in $^{140}\text{Gd}$ . Brazilian Journal of Physics, 2006, 36, 1371-1374.	1.4	1
497	Lifetimes in E2 bands of $^{142}\text{Gd}$ measured with DSAM at EUROBALL. Physica Scripta, 2006, T125, 204-205.	2.5	1
498	Multinucleon Transfer Reactions to Study Single-Particle Evolution in Se Isotopes. AIP Conference Proceedings, 2006, , .	0.4	1
499	LIFETIME MEASUREMENTS IN $^{134}\text{Pr}$ AND CHIRALITY IN NUCLEI. International Journal of Modern Physics E, 2006, 15, 1531-1540.	1.0	1
500	Spectroscopy of $^{215}\text{Rn}86$ . AIP Conference Proceedings, 2007, , .	0.4	1
501	The heavy-ion magnetic spectrometer PRISMA. European Physical Journal: Special Topics, 2007, 150, 359-361.	2.6	1
502	Nuclear spectroscopy near the proton drip line in the lanthanide region: The $^{122}\text{La}$ nucleus. European Physical Journal A, 2008, 38, 43-51.	2.5	1
503	Population Of Neutron Rich Nuclei Around $^{48}\text{Ca}$ With Deep Inelastic Collisions. , 2009, , .		1
504	Structure of $^{126}\text{N}$ nuclei produced in fragmentation of $^{238}\text{U}$ . , 2009, , .		1

#	ARTICLE	IF	CITATIONS
505	Reaction dynamics and nuclear structure studies via deep inelastic collisions with heavy-ions: spin and parity assignment in $^{49}\text{Ca}$ . Journal of Physics: Conference Series, 2011, 312, 092037.	0.4	1
506	Isomers in neutron-rich lead isotopes populated via the fragmentation of $^{238}\text{U}$ at 1 GeV A. Journal of Physics: Conference Series, 2011, 312, 092026.	0.4	1
507	Stabilization of prolate deformation at high spin in $^{75}\text{Kr}$ . Physical Review C, 2012, 86, .	2.9	1
508	Probing core polarization around $^{78}\text{Ni}$ : intermediate energy Coulomb excitation of $^{74}\text{Ni}$ . EPJ Web of Conferences, 2013, 63, 01021.	0.3	1
509	Low-lying bands with different quadrupole deformation in $^{155}\text{Dy}$ . EPJ Web of Conferences, 2014, 66, 02082.	0.3	1
510	Electromagnetic transition strengths in $^{33}\text{S}$ . Journal of Physics: Conference Series, 2014, 533, 012049.	0.4	1
511	Single-particle Strength in Neutron-rich $^{69}\text{Cu}$ . Acta Physica Polonica B, 2014, 45, 243.	0.8	1
512	Counting rate measurements for lifetime experiments using the RDDS method with the new generation $\beta$ -ray array AGATA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 758, 1-3.	1.6	1
513	Level-scheme investigation of $^{33}\text{S}$ . Journal of Physics: Conference Series, 2014, 533, 012050.	0.4	1
514	Study of the neutron-rich region in the vicinity of $^{208}\text{Pb}$ via multinucleon transfer reactions. EPJ Web of Conferences, 2019, 223, 01012.	0.3	1
515	Preliminary results of lifetime measurements in neutron-rich $^{53}\text{Ti}$ . EPJ Web of Conferences, 2019, 223, 01022.	0.3	1
516	$^{67}\text{Kr}$ Two-proton Radioactivity: Results and Theoretical Interpretations. Acta Physica Polonica B, 2019, 50, 399.	0.8	1
517	Spectroscopy of Neutron-rich Nitrogen Isotopes with AGATA+PARIS+VAMOS. Acta Physica Polonica B, 2020, 51, 709.	0.8	1
518	New Developments in HPGe Detectors for High Resolution Detection. Acta Physica Polonica B, 2017, 48, 387.	0.8	1
519	Lifetime Measurements of Low-lying States in $^{73}\text{Ga}$ and $^{70,72,74}\text{Zn}$ Isotopes. Acta Physica Polonica B, 2020, 51, 837.	0.8	1
520	Signature splitting of the $g_7$ bands in $^{75}\text{Ba}$ . Physical Review C, 2021, 104, .	2.9	1
521	The population of super- and hyper-deformed structures as a probe for fusion dynamics. Acta Physica Hungarica A Heavy Ion Physics, 1995, 2, 255-268.	0.4	1
522	In Beam K X-ray fragment-coincidence measurements using thick targets. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 247, 511-514.	1.6	0

#	ARTICLE	IF	CITATIONS
523	Transfer reactions below the Coulomb barrier. Nuclear Physics A, 1993, 553, 731-734.	1.5	0
524	Spectroscopy at N=Z with EUROBALL III. , 1999, , .		0
525	Rotation of highly excited nuclei: Mass dependence of rotational damping. , 1999, , .		0
526	Shape changes induced by quasiparticle alignment. , 1999, , .		0
527	Energy deposition and GDR emission in inelastic alpha particle scattering. Nuclear Physics A, 1999, 649, 165-172.	1.5	0
528	Spectroscopy near the proton drip-line in the A=130 mass region. European Physical Journal D, 2001, 51, A261-A270.	0.4	0
529	COMPETING QUASIPARTICLE AND COLLECTIVE STRUCTURES IN THE TRANSITIONAL NUCLEI $^{102,104}\text{Cd}$ . , 2002, , .		0
530	SEARCH FOR SENIORITY ISOMERS: LIFETIME MEASUREMENTS IN $^{93}\text{Tc}$ AND $^{95}\text{Ru}$ . , 2004, , .		0
531	Nuclear clusters and structure in light nuclei. AIP Conference Proceedings, 2004, , .	0.4	0
532	A Study of the Jacobi Shape Transition in Light, Fast Rotating Nuclei with the EUROBALL IV, HECTOR and EUCLIDES Arrays. AIP Conference Proceedings, 2004, , .	0.4	0
533	THE MAGNETIC SPECTROMETER PRISMA AT LNL. , 2005, , .		0
534	DESCRIPTION AND FIRST RESULTS OF THE CLARA-PRISMA SETUP. , 2005, , .		0
535	Decay of a $J^{\pi} = 36^{+}$ Resonance in the $^{24}\text{Mg} + ^{24}\text{Mg}$ Reaction. AIP Conference Proceedings, 2005, , .	0.4	0
536	The Spectroscopy of Neutron-Rich sdf-Shell Nuclei Using the CLARA-PRISMA Setup. AIP Conference Proceedings, 2006, , .	0.4	0
537	Nuclear Structure and Reaction Mechanism Studies with Multinucleon Reactions. AIP Conference Proceedings, 2006, , .	0.4	0
538	Plunger Lifetime Measurements in $^{102}\text{Pd}$ . AIP Conference Proceedings, 2006, , .	0.4	0
539	Spectroscopy of Moderately Neutron-rich Nuclei with the CLARA-PRISMA Setup. AIP Conference Proceedings, 2006, , .	0.4	0
540	Multinucleon transfer reactions studied with magnetic spectrometers. AIP Conference Proceedings, 2006, , .	0.4	0



#	ARTICLE	IF	CITATIONS
559	Nuclear Spectroscopy of Neutron Rich Nuclei at LNL. , 2011, , .		0
560	Reaction Dynamics And Nuclear Structure Via Deep Inelastic Collisions With Heavy-Ions: Search For Particle-Vibration Couplings in [sup 49]Ca. , 2011, , .		0
561	Spectroscopy of neutron-rich Co nuclei populated in the $^{70}\text{Zn}+^{238}\text{U}$ reaction. Journal of Physics: Conference Series, 2012, 381, 012082.	0.4	0
562	Study of the Order-to-Chaos transition in $^{174}\text{W}$ with the AGATA-Demonstrator. Journal of Physics: Conference Series, 2012, 366, 012045.	0.4	0
563	$\hat{I}^2$ -delayed neutron emission measurements around the third r-process abundance peak. , 2013, , .		0
564	Study of shape transition in the neutron-rich Os isotopes. EPJ Web of Conferences, 2014, 66, 02057.	0.3	0
565	New Isomers in the Neutron-Rich Region Beyond $^{208}\text{Pb}$ . EPJ Web of Conferences, 2014, 66, 02043.	0.3	0
566	Experimental study of neutron-rich nuclei near the $N = 82$ closed shell using the $^{4096}\text{Zr}+^{50124}\text{Sn}$ reaction with GASP and PRISMA-CLARA arrays. , 2014, , .		0
567	Study of the $\hat{I}^3$ decay of high-lying states in $^{208}\text{Pb}$ via inelastic scattering of $^{17}\text{O}$ ions. EPJ Web of Conferences, 2014, 66, 02023.	0.3	0
568	Single-particle strength in neutron-rich $^{71}\text{Cu}$ from the $(d,^3\text{He})$ proton pick-up reaction. Journal of Physics: Conference Series, 2015, 580, 012012.	0.4	0
569	Lifetime measurements and the high-spin structure of $^{36}\text{Cl}$ . Journal of Physics: Conference Series, 2015, 590, 012036.	0.4	0
570	g-factor measurements of isomeric states in $^{174}\text{W}$ . EPJ Web of Conferences, 2016, 117, 04007.	0.3	0
571	Lifetimes and electromagnetic transition strength in $^{157}\text{Dy}$ . Journal of Physics: Conference Series, 2016, 724, 012017.	0.4	0
572	Status of the SPES project, a new tool for fundamental and apply science studies with exotic ion beams at LNL. AIP Conference Proceedings, 2016, , .	0.4	0
573	Lifetimes and electromagnetic transition strengths in $^{157}\text{Dy}$ . Physical Review C, 2017, 96, .	2.9	0
574	Study of medium-spin states of neutron-rich $^{87}, ^{89}, ^{91}\text{Rb}$ isotopes. European Physical Journal A, 2019, 55, 1.	2.5	0
575	TRANSITION STRENGTHS IN MAGNETIC DIPOLE BANDS IN $^{82}\text{Rb}$ , $^{83}\text{Rb}$ AND $^{84}\text{Rb}$ . , 2001, , .		0
576	Lifetime measurements with the Euroball spectrometer. , 2001, , .		0

#	ARTICLE	IF	CITATIONS
577	Electromagnetic Transition Strengths in $^{104}\text{Cd}$ and $^{101}\text{Ag}$ and Their Interpretation within the Interacting Boson (Fermion) Plus Broken Pair Model. , 2002, , 145-150.		0
578	ROTATIONAL BANDS AND SHELL MODEL IN THE $1f_{7/2}$ . , 2002, , .		0
579	The population of deformed bands in $4N$ nuclei by emission of $^8\text{Be}$ and $^{12}\text{C}$ . , 2003, , 319-319.		0
580	TEST OF THE CRITICAL POINT SYMMETRY $X(5)$ IN $N=90$ NUCLEI AND $A \approx 180$ OS ISOTOPES. , 2004, , .		0
581	TRANSITION PROBABILITIES: A KEY TO PROVE THE $X(5)$ SYMMETRY. , 2005, , .		0
582	PAIR BREAKING IN A SHEARS BAND OF $^{104}\text{In}$ . , 2005, , .		0
583	Fusion and Quasi-Elastic Reactions at Near-Barrier Energies. NATO ASI Series Series B: Physics, 1994, , 145-146.	0.2	0
584	Lifetime Measurements of Excited States in Neutron-rich Fission Fragments. Acta Physica Polonica B, 2016, 47, 903.	0.8	0
585	Isomer Spectroscopy in Odd-Even Ti Isotopes: Approaching $N=40$ . Acta Physica Polonica B, 2019, 50, 669.	0.8	0
586	Study of the Isospin Symmetry in $^{60}\text{Zn}$ . Acta Physica Polonica B, 2019, 50, 481.	0.8	0
587	Isospin Symmetry in the $(^{60}\text{Zn})$ Nucleus. Acta Physica Polonica B, 2020, 51, 683.	0.8	0
588	Short-range Lifetime Measurements for Deep-inelastic Reaction Products: the $(^{19}\text{O})$ Test Case. Acta Physica Polonica B, 2020, 51, 699.	0.8	0
589	$g$ factor of the $^{12+}$ K-isomer in $^{174}\text{W}$ . European Physical Journal A, 2020, 56, .	2.5	0