

# Gregory J Lane

## List of Publications by Year in descending order

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238  
papers

4,939  
citations

94269

37  
h-index

149479

56  
g-index

242  
all docs

242  
docs citations

242  
times ranked

1776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Termination of rotational bands: disappearance of quantum many-body collectivity. Physics Reports, 1999, 322, 1-124. <math display="inline">I^2</math>-Decay Half-Lives of 110 Neutron-Rich Nuclei across the N=82 Shell Gap: Implications for the Mechanism and Universality of the Astrophysical Superdeformation in the N=Z Nucleus $^{36}\text{Ar}$ : Experimental, Deformed Mean Field, and Spherical Shell Model Descriptions. Physical Review Letters, 2000, 85, 2693-2696.	10.3	293
2	Three-dimensional position sensitivity in two-dimensionally segmented HP-Ge detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 223-238.	0.7	106
3	Physics book: CRYRING@ESR. European Physical Journal: Special Topics, 2016, 225, 797-882.	1.2	101
4	Is there pairing in N=Z nuclei?. Physical Review C, 2000, 61, .	1.1	89
5	Performance of the GRETA prototype detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 105-114.	0.7	76
6	Shears Mechanism in the A=110 Region. Physical Review Letters, 1999, 82, 3220-3223.	2.9	74
7	The SABRE project and the SABRE Proof-of-Principle. European Physical Journal C, 2019, 79, 1.	1.4	73
8	Lifetimes of superdeformed rotational states in $^{36}\text{Ar}$ . Physical Review C, 2001, 63, .	1.1	71
9	Shears mechanism in $^{109}\text{Cd}$ . Physical Review C, 2000, 61, .	1.1	70
10	Evidence for a New Type of Shears Mechanism in $^{106}\text{Cd}$ . Physical Review Letters, 2003, 91, 162501. <math display="inline">I^2</math>-Decay Half-Lives of Neutron-Rich Isomers in $^{106}\text{Cd}$ and $^{128}\text{Pd}$ : Evidence for a Robust Shell Closure at the Spectroscopy in the Z=49, 110 Isotopes: Lifetime measurements in shears bands. Physical Review C, 2001, 64, .	2.9	68
11	Isomers in $^{106}\text{Cd}$ and $^{128}\text{Pd}$ : Evidence for a Robust Shell Closure at the Spectroscopy in the Z=49, 110 Isotopes: Lifetime measurements in shears bands. Physical Review C, 2001, 64, .	2.9	67
12	Direct Decay from the Superdeformed Band to the Yrast Line in $^{152}\text{Dy}$ . Physical Review Letters, 2002, 88, 042501.	1.1	64
13	Non-yrast states and shape co-existence in light Pt isotopes. Nuclear Physics A, 1999, 657, 219-250.	0.6	60
14	Blue: a database for high-fold $\beta^3$ -ray coincidence data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 462, 519-529.	0.7	58

#	ARTICLE	IF	CITATIONS
19	Isomer depletion as experimental evidence of nuclear excitation by electron capture. Nature, 2018, 554, 216-218. <math display="inline">\frac{1}{2}</math> <math display="inline">2</math> Proton-Hole State in <math display="inline">{}_{132}^{180}\text{W}</math>. Physical Review Letters, 2014, 112, 1	13.7	52
20	Backbending in ${}_{132}^{180}\text{W}$ : a t-band crossing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 309, 17-22.	2.9	51
21	Decreasing Collectivity in Smoothly Terminating Bands in the $A \approx 110$ Region. Physical Review Letters, 1998, 80, 1174-1177.	1.5	50
22	Confirmation of the Shears Mechanism in Near-Spherical Tin Nuclei. Physical Review Letters, 1999, 83, 500-503.	2.9	49
23	Investigation of antimagnetic rotation in light Cadmium nuclei: ${}_{106,108}\text{Cd}$ . Physical Review C, 2005, 72, .	1.1	49
24	Spectroscopy of ${}_{106,118}\text{Pb}$ : Evidence for shape coexistence. Physical Review C, 2004, 69, .	1.1	48
25	Magnetic rotation in ${}_{106}\text{Sn}$ and ${}_{108}\text{Sn}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 23-30.	1.5	47
26	Intrinsic states and collective structures in ${}_{180}\text{Ta}$ . Physical Review C, 1998, 58, 1444-1466.	1.1	47
27	Effective Charge of the $h_{11/2}$ Orbital and the Electric Field Gradient of Hg from the Yrast Structure of ${}_{206}\text{Hg}$ . Physical Review Letters, 2001, 87, 212501.	2.9	47
28	Collective T=0 pairing in N=Z nuclei? Pairing vibrations around ${}_{56}\text{Ni}$ revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 1-6.	1.5	45
29	Isomer bands, E0 transitions, and mixing due to shape coexistence in ${}_{82}^{188}\text{Pb}$ and ${}_{106}^{208}\text{Pb}$ . Physical Review C, 2003, 67, .	1.1	44
30	Stable triaxiality at the highest spins in ${}_{138}\text{Nd}$ and ${}_{139}\text{Nd}$ . Physical Review C, 1999, 61, .	1.1	42
31	Structure of two-, four-, and six-quasiparticle isomers in ${}_{174}\text{Yb}$ and K-forbidden decays. Physical Review C, 2005, 71, .	1.1	41
32	Shape coexistence in ${}_{185}\text{Tl}$ and ${}_{187}\text{Tl}$ – investigation of the deformed minima. Nuclear Physics A, 1995, 586, 316-350.	0.6	39
33	High-spin proton and neutron intruder configurations in ${}_{106}\text{Cd}$ . Nuclear Physics A, 1995, 586, 351-376.	0.6	39
34	Two-quasiparticle K-isomers and pairing strengths in the neutron-rich isotopes ${}_{174}\text{Er}$ and ${}_{172}\text{Er}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 635, 200-206.	1.5	39
35	Anomalous Isomeric Decays in ${}_{174}\text{Lu}$ as a Probe of K-Mixing and Interactions in Deformed Nuclei. Physical Review Letters, 2006, 97, 122501.	2.9	39

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37	Approaching the Gamow Window with Stored Ions: Direct Measurement of $Xe^{124}(p, \hat{p}^3)$ in the ESR Storage Ring. <i>Physical Review Letters</i> , 2019, 122, 092701.	2.9	38
38	Evidence for Shears Bands in $^{108}Cd$ . <i>Physical Review C</i> , 1999, 61, .	1.1	37
39	Octupole Vibration in Superdeformed $D66152y86$ . <i>Physical Review Letters</i> , 2002, 89, 282501.	2.9	36
40	Non-yrast states and shape co-existence in $^{172}Os$ . <i>Nuclear Physics A</i> , 1994, 568, 90-106.	0.6	35
41	Direct Decays from Superdeformed States in $Pb^{192}$ Observed Using Time-Correlated $\hat{p}^3$ -Ray Spectroscopy. <i>Physical Review Letters</i> , 2003, 90, 142501.	2.9	35
42	Structure of neutron-rich tungsten nuclei and evidence for a $10^{-1}$ isomer in $Xe$ . <i>Physical Review Letters</i> , 1998, 81, 111301.	1.1	35
43	Structure of neutron-rich tungsten nuclei and evidence for a $10^{-1}$ isomer in $Xe$ . <i>Physical Review Letters</i> , 1998, 81, 111301.	1.1	35
44	Comparative quadrupole moments of triaxial superdeformed states in $^{163}, ^{164}, ^{165}Lu$ . <i>European Physical Journal A</i> , 2002, 15, 435-437.	1.0	33
45	Measured Magnetic Moments and Shape Coexistence in the Neutron-Deficient Nuclei $P^{184}, ^{186}, ^{188}t$ . <i>Physical Review Letters</i> , 1996, 76, 2246-2249.	2.9	32
46	Band structure of $^{68}Ge$ . <i>Physical Review C</i> , 2000, 63, .	1.1	31
47	Yrast isomers, multi-quasiparticle states and blocking in $^{176}Ta$ and $^{177}Ta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 328, 16-21.	1.5	30
48	Identification of excited states in doubly odd $^{110}Sb$ : Smooth band termination. <i>Physical Review C</i> , 1997, 55, R2127-R2131.	1.1	29
49	Anomalous band-crossings in the $N=57$ isotones $^{103}Pd$ and $^{105}Cd$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1993, 19, L157-L162.	1.4	28
50	Magnetic rotational bands in $^{108}Sb$ . <i>Physical Review C</i> , 1998, 58, 2703-2709.	1.1	28
51	Identification of yrast high-K isomers in $^{177}Lu$ and characterisation of $^{177m}Lu$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 584, 22-30.	1.5	28
52	First observation of excited states in $^{118}Ba$ : Possible evidence for octupole correlations in neutron-deficient barium isotopes. <i>Physical Review C</i> , 1998, 57, R1037-R1041.	1.1	26
53	E3 strength of the $11\hat{a}^{\sim}to8+$ isomeric decays in $Pb^{194}$ and $Pb^{196}$ and oblate deformation. <i>Physical Review C</i> , 2005, 72, .	1.1	26
54	Monte Carlo simulation of the SABRE PoP background. <i>Astroparticle Physics</i> , 2019, 106, 1-9.	1.9	26

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55	High-spin states in $^{121,122}\text{Te}$ : Identification of favored noncollective oblate states. <i>Physical Review C</i> , 1996, 53, 1562-1570.	1.1	25
56	Excited states and deformation of $^{112}\text{Xe}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 523, 13-21.	1.5	25
57	Lifetime of the $K^{\pi} \tilde{\nu}^{\pi}$ in the neutron-rich nucleus $^{170}\text{Er}$ . <i>Physical Review C</i> , 2009, 79, .	1.1	25
58	Spectroscopy and shell model interpretation of high-spin states in the $N = 126$ nucleus $^{214}\text{Ra}$ . <i>Nuclear Physics A</i> , 1992, 548, 159-188.	0.6	24
59	High-spin states in $^{183}\text{Hg}$ and shape coexistence in the odd-mass mercury isotopes. <i>Nuclear Physics A</i> , 1995, 589, 129-159.	0.6	24
60	Octupole correlations at low spin in $^{52108}\text{Te}$ . <i>Physical Review C</i> , 1998, 57, R1022-R1026.	1.1	24
61	Strength of octupole correlations in the actinides: contrasting behavior in the isotones $^{237}\text{U}$ and $^{239}\text{Pu}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 618, 51-59.	1.5	24
62	Two-quasiparticle structures and isomers in $^{170}\text{Er}$ . <i>Physical Review C</i> , 2009, 79, .	1.1	24
63	Explored in the Long-lived Isomer in $^{170}\text{Er}$ . <i>Physical Review C</i> , 2009, 79, .	2.9	24
64	Long-lived K isomer and enhanced $\tilde{\nu}^3$ vibration in the neutron-rich nucleus $^{172}\text{Dy}$ : Collectivity beyond double midshell. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 641-646.	1.5	24
65	Octupole coupling and proton-neutron interactions in $^{214}\text{Fr}$ . <i>Nuclear Physics A</i> , 1994, 567, 445-476.	0.6	23
66	Rotational damping, ridges, and the quasicontinuum of $\tilde{\nu}^3$ rays in $^{152}\text{Dy}$ . <i>Physical Review C</i> , 2007, 75, .	1.1	23
67	Intrinsic states and rotational bands in $^{175}\text{Ta}$ . <i>Nuclear Physics A</i> , 1996, 601, 195-233.	0.6	22
68	High-spin states, particle-hole structure, and linked smooth terminating bands in doubly odd $^{112}\text{Sb}$ . <i>Physical Review C</i> , 1998, 58, 127-149.	1.1	22
69	High-spin isomers and three-neutron valence configurations in $^{211}\text{Pb}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 606, 34-42.	1.5	22
70	Identification of a millisecond isomeric state in $^{81}\text{Cd}$ . <i>Physical Review C</i> , 2009, 79, .	1.5	22
71	Triaxiality near the $^{110}\text{Ru}$ ground state from Coulomb excitation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 766, 334-338.	1.5	22
72	Fragment yields from the fission of $^{238}\text{U}$ by fast neutrons. <i>European Physical Journal A</i> , 1998, 3, 205-207.	1.0	21





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109	Yrast four-quasi-particle states in 182W. Nuclear Physics A, 1994, 567, 414-430.	0.6	13
110	High-spin study of 113Xe: Smooth band termination in valence space. Physical Review C, 2000, 61, .	1.1	13
111	$\hat{I}^3$ -ray spectroscopy with a beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 511, 354-359.	0.7	13
112	$\hat{I}^3$ -ray spectroscopy of neutron-deficient Te110. II. High-spin smooth-terminating structures. Physical Review C, 2007, 76, .	1.1	13
113	High-spin, multiparticle isomers in Sb121,123. Physical Review C, 2008, 77, .	1.1	13
114	Connections between high- $K$ and low- $K$ states in the $^{110,112}\text{Te}$ nucleus. Physical Review C, 2006, 73, .	1.1	13
115	Tracing process collectivity and evidence for a new $^{210}\text{Pb}$ $I^2$ -decaying isomer. Physical Review C, 2008, 77, .	1.1	13
116	Collective structures and band termination in $^{107}\text{Sb}$ . Physical Review C, 2000, 62, .	1.1	12
117	Spectroscopy of $^{212}\text{Po}$ and $^{213}\text{At}$ using a $^8\text{He}$ radioactive beam and EXOGAM. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1851-S1854.	1.4	12
118	Magnetic properties of smooth terminating dipole bands in $^{110,112}\text{Te}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 25-30.	1.5	12
119	Smooth terminating bands in $^{112}\text{Te}$ : Particle-hole induced collectivity. Physical Review C, 2007, 75, .	1.1	12
120	Neutron core excitations in the $^{126}\text{Po}$ nucleus. Physical Review C, 2008, 77, .	1.1	12
121	Spectroscopy and high-spin structure of $^{209}\text{Fr}$ . Physical Review C, 2009, 79, .	1.1	12
122	Decay of $^{212}\text{Ta}$ , 17-ms isomer in $^{185}\text{Ta}$ . Physical Review C, 2009, 80, .	1.1	12
123	Characterization of the $^{189}\text{Pb}$ isomer in $^{189}\text{Pb}$ as a shears-mode bandhead. Physical Review C, 2009, 79, .	1.1	12
124	Assignment of levels in $^{208}\text{Fr}$ and 10- isomers in the odd-odd isotones $^{206}\text{At}$ and $^{208}\text{Fr}$ . European Physical Journal A, 2009, 40, 127-130.	1.0	12
125	Increased isomeric lifetime of hydrogen-like $^{192}\text{Os}$ . Physical Review C, 2009, 79, .	1.1	12
126	Identification of significant E0 strength in the $^{58,60,62}\text{Ni}$ transitions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 396-401.	1.5	12



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127	Improved precision on the experimental $\alpha$ decay branching ratio of the Hoyle state. <i>Physical Review C</i> , 2020, 102, .	2.9	12
128	Properties of $^{187}\text{Ta}$ revealed through Isomeric Decay. <i>Physical Review Letters</i> , 2020, 125, 192505.	2.9	12
129	Various Isomers in Doubly Odd I Isotopes. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1525-1528.	0.3	12
130	Fast Timing Measurement Using an $\text{LaBr}_3(\text{Ce})$ Scintillator Detector Array Coupled with Gammashpere. <i>Acta Physica Polonica B</i> , 2017, 48, 351.	0.3	12
131	High-spin states, lifetime measurements and isomers in $^{181}\text{Os}$ . <i>Nuclear Physics A</i> , 2003, 728, 287-338.	0.6	11
132	Measurement of conversion electrons with the $^{208}\text{Pb}(p,n)^{208}\text{Bi}$ reaction and derivation of the shell model proton neutron hole interaction from the properties of $^{208}\text{Bi}$ . <i>Physical Review C</i> , 2007, 76, .	1.1	11
133	Two-quasiparticle isomer, hindrances and residual interactions in $^{172}\text{Tm}$ . <i>Physical Review C</i> , 2008, 77, .	1.1	11
134	High-spin yrast structure of $^{204}\text{Hg}$ from the decay of a four-hole, $^{204}\text{Hg}$ .	1.1	11
135	Evidence for shape coexistence and superdeformation in $^{222}\text{Mo}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135855.	1.5	11
136	Quenching factor measurements of sodium nuclear recoils in $\text{NaI:Tl}$ determined by spectrum fitting. <i>Journal of Instrumentation</i> , 2021, 16, P07034.	0.5	11
137	Multiple shape-driving $\frac{1}{2}(h_{11/2})^2$ and $\frac{1}{2}(h_{11/2})^2$ alignments in $^{120}\text{Ba}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 483, 7-14.	1.5	10
138	Identification of excited states in $^{119}\text{Ba}$ . <i>Physical Review C</i> , 2000, 61, .	1.1	10
139	High-spin study of $^{111}\text{I}$ . <i>Physical Review C</i> , 2000, 61, .	1.1	10
140	Empirical Investigation of Extreme Single-Particle Behavior of Nuclear Quadrupole Moments in Highly Collective $^{150}\text{Sm}$ Superdeformed Bands. <i>Physical Review Letters</i> , 2001, 87, 172503.	2.9	10
141	High-spin structure, isomers, and state mixing in the neutron-rich isotopes $^{173}\text{Tm}$ and $^{175}\text{Tm}$ . <i>Physical Review C</i> , 2012, 86, .	1.1	10
142	Hindered decays from a non-yrast four-quasiparticle isomer in $^{164}\text{Er}$ . <i>Physical Review C</i> , 2012, 86, .	1.1	10
143	Occurrence of a chiral-like pair band and a six-nucleon noncollective oblate isomer in $^{120}\text{I}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 782, 602-606.	1.5	10
144	Fast-timing measurements in the ground-state band of $^{114}\text{Pd}$ . <i>Physical Review C</i> , 2019, 100, .	1.1	10

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145	Search for magnetic rotation in 202Pb and 203Pb. European Physical Journal A, 2000, 9, 161-164.	1.0	9
146	Excited structure with a very extended shape in 108Cd. Physical Review C, 2002, 65, .	1.1	9
147	$\beta$ -ray spectroscopy of neutron-deficient $^{110}\text{Te}$ . I. Low- and intermediate-spin structures. Physical Review C, 2007, 76, .	1.1	9
148	High-spin isomers in 212Rn in the region of triple neutron core-excitations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 19-25.	1.5	9
149	Structure of three-quasiparticle isomers in $^{169}\text{Ho}$ and $^{169}\text{Er}$ . Physical Review C, 2011, 83, 014307.	1.1	9
150	Octupole transitions in the $^{208}\text{Pb}$ region. Journal of Physics: Conference Series, 2015, 580, 012010.	0.3	9
151	Proton-hole and core-excited states in the semi-magic nucleus $^{131}\text{In}$ . European Physical Journal A, 2016, 52, 1.	1.0	9
152	Transition strength in stable Ni isotopes. Physical Review C, 2019, 99, .	1.1	9
153	SABRE and the Stawell Underground Physics Laboratory Dark Matter Research at the Australian National University. EPJ Web of Conferences, 2020, 232, 01002.	0.1	9
154	The $^{136}\text{Xe} + ^{198}\text{Pt}$ reaction: a detailed re-examination. European Physical Journal A, 2020, 56, 1.	1.0	9
155	Reply to: Possible overestimation of isomer depletion due to contamination. Nature, 2021, 594, E3-E4.	13.7	9
156	Observation of a superdeformed band in 190Pb. European Physical Journal A, 2005, 24, 179-183.	1.0	8
157	Discovery of a nonyrast $^{162}\text{Dy}$ isomer. Physical Review C, 2011, 83, 014307.	1.1	8
158	Impact of triaxiality on the rotational structure of neutron-rich rhenium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 311-316.	1.5	8
159	Structure of three-quasiparticle isomers in $^{162}\text{W}$ and $^{162}\text{Re}$ . Physical Review C, 2011, 83, 014307.	1.1	8
160	Interplay of quasiparticle and vibrational excitations: First observation of isomeric states in $^{168}\text{Dy}$ and $^{169}\text{Dy}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 799, 135036.	1.5	8
161	On the character of three $8^+$ states in $^{192}\text{Pb}$ . European Physical Journal A, 2010, 43, 145-151.	1.0	7
162	Discovery of isomers in dysprosium, holmium, and erbium isotopes with $^{162}\text{Dy}$ and $^{162}\text{Er}$ . Physical Review C, 2012, 85, .	1.1	7

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163	Three-quasiparticle isomers and possible deformation in the transitional nuclide, $1 < \mathbf{1} > 95 > \text{Au}$ . Physical Review C, 2013, 87, .	1.1	7
164	Observation of a $\beta^-$ -decaying millisecond isomeric state in $^{128}\text{Cd}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 483-488.	1.5	7
165	$\beta^-$ -decay half-lives of $^{134}\text{Sb}$ . Physical Review C, 2017, 95, 054307.	1.1	7
166	Electron capture of $^{134}\text{mXe}$ in collisions with $^2\text{H}$ . Physical Review C, 2017, 95, 054308.	1.0	7
167	Identification of excited states in $^{111}\text{Te}$ . Physical Review C, 1997, 55, 1559-1562.	1.1	6
168	Excited states in $^{110}\text{La}$ and core polarization effects of the $11/2^+$ proton and neutron orbitals. Physical Review C, 2000, 62, .	1.1	6
169	High-spin study of rotational structures in $^{72}\text{Br}$ . Physical Review C, 2004, 69, .	1.1	6
170	Electromagnetic properties of pseudo-Nilsson bands in $^{185}\text{Os}$ . European Physical Journal A, 2004, 19, 319-325.	1.0	6
171	Quadrupole moment of the yrast superdeformed band in $^{192}\text{Pb}$ . Nuclear Physics A, 2005, 748, 12-26.	0.6	6
172	Multi-quasiparticle isomers in $^{174}\text{Lu}$ . Physical Review C, 2009, 80, .	1.1	6
173	Perturbed angular distributions with LaBr <sub>3</sub> detectors: The g factor of the first $10^+$ state in $^{110}\text{Cd}$ reexamined. Physical Review C, 2017, 96, .	1.1	6
174	High-spin spectroscopy and shell-model interpretation of the $N=126$ radium isotopes $^{212}\text{Ra}$ and $^{213}\text{Ra}$ . Physical Review C, 2018, 97, .	1.1	6
175	Evidence for shape coexistence in $^{52}\text{Cr}$ through conversion-electron and pair-conversion spectroscopy. EPJ Web of Conferences, 2020, 232, 04004.	0.1	6
176	Identification of $J^\pi = 19/2^+$ and $23/2^+$ isomeric states in $^{127}\text{Sb}$ . European Physical Journal A, 2009, 42, 163.	1.0	5
177	New isomers in $^{125}\text{Pd}$ and $^{127}\text{Pd}$ : Competing proton and neutron excitations in neutron-rich palladium nuclides towards the $N=82$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 263-268.	1.5	5
178	Emerging nuclear collectivity in $^{124}\text{Te}$ . EPJ Web of Conferences, 2020, 232, 04003.	0.1	5
179	First direct observation of isomeric decay in neutron-rich odd-odd $^{186}\text{Ta}$ . Physical Review C, 2021, 104, .	1.1	5
180	CYGNUS. Journal of Physics: Conference Series, 2020, 1468, 012044.	0.3	5

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181	Decay Schemes of Three-Quasiparticle Isomers in $^{119,121}\text{Sb}$ and $^{121,123}\text{I}$ . Journal of the Korean Physical Society, 2011, 59, 1539-1542.	0.3	5
182	Emerging collectivity in neutron-hole transitions near doubly magic $^{208}\text{Pb}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136738.	1.5	5
183	High-Spin Isomers, Residual Interactions And Octupole Correlations In The $N=128$ Isotones: $^{211}\text{Bi}$ , $^{212}\text{Po}$ and $^{213}\text{At}$ . AIP Conference Proceedings, 2003, , .	0.3	4
184	Identification of a high-spin isomer in $^{99}\text{Mo}$ . Physical Review C, 2007, 76, .	1.1	4
185	MULTI-QUASIPARTICLE ISOMERS INVOLVING PROTON-PARTICLE AND NEUTRON-HOLE CONFIGURATIONS IN $^{131}\text{I}$ AND $^{133}\text{I}$ . Modern Physics Letters A, 2010, 25, 1800-1803.	0.5	4
186	Band structure of $^{235}\text{U}$ . Physical Review C, 2012, 86, .	1.1	4
187	Core Excitations Across the Neutron Shell Gap in $^{207}\text{Tl}$ . Acta Physica Polonica B, 2013, 44, 381.	0.3	4
188	Angular Distributions of $\gamma$ Rays from $^{210}\text{Bi}$ Produced in $^{208}\text{Pb}+^{208}\text{Pb}$ Deep-inelastic Reactions. Acta Physica Polonica B, 2014, 45, 205.	0.3	4
189	Search for bound-state electron+positron pair decay. EPJ Web of Conferences, 2016, 123, 04003.	0.1	4
190	Spectroscopy and high-spin structure of $^{210}\text{Fr}$ : Isomerism and potential evidence for configuration mixing. Physical Review C, 2016, 93, .	1.1	4
191	In-beam $\gamma$ -ray spectroscopy studies of medium-spin states in the odd-odd nucleus $^{147}\text{Re}$ . Physical Review C, 2017, 96, .	1.1	4
192	Probing the $N=14$ subshell closure: $g$ factor of the $^{26}\text{Mg}$ isomer. Physical Review C, 2017, 96, .		

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199	Structure of $^{207}\text{Pb}$ Populated in $^{208}\text{Pb} + ^{208}\text{Pb}$ Deep-inelastic Collisions. Acta Physica Polonica B, 2015, 46, 619.	0.3	3
200	Three-quasiparticle isomer in $^{173}\text{Ta}$ and the excitation energy dependence of $^{173}\text{Ta}$ proton-neutron multiplet states and isomers in the odd-odd nucleus $^{173}\text{Ta}$ . Physical Review C, 2019, 100, .	1.1	3
201	Solenogam: A new detector array for $\hat{\nu}$ -ray and conversion-electron spectroscopy of long-lived states in fusion-evaporation products. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 953, 163136.	0.7	3
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