

# Robert Vf Janssens

## List of Publications by Year in descending order

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268  
papers

5,801  
citations

76326

40  
h-index

123424

61  
g-index

270  
all docs

270  
docs citations

270  
times ranked

1998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Octupole deformation in neutron-rich barium isotopes. Physical Review Letters, 1986, 57, 3257-3260.	7.8	219
2	Superdeformation in the Doubly Magic Nucleus $^{20}\text{C}$ . Physical Review Letters, 2001, 87, 222501.	7.8	184
3	Structure of $^{52,54}\text{Ti}$ and shell closures in neutron-rich nuclei above $^{48}\text{Ca}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 55-62.	4.1	176
4	Influence of Nuclear Structure on Sub-Barrier Hindrance in $\text{Ni}+\text{Ni}$ Fusion. Physical Review Letters, 2004, 93, .	7.8	156
5	Reduced transition probabilities to the first $2^+$ state in $^{52,54,56}\text{Ti}$ and development of shell closures at $N=32,34$ . Physical Review C, 2005, 71, .	2.9	130
6	Collectivity at $N=32,34$ in neutron-rich nuclei. Physical Review C, 2010, 81, .	2.9	107
7	Cross-shell excitation in two-proton knockout: Structure of $^{52}\text{Ca}$ . Physical Review C, 2006, 74, .	2.9	104
8	Decay Out of the Doubly Magic Superdeformed Band in the $N=Z$ Nucleus $^{60}\text{Ni}$ . Physical Review Letters, 1999, 82, 3400-3403.	7.8	99
9	Measurement of $E2$ transition strengths in $^{32,34}\text{Mg}$ . Physical Review C, 2005, 72, .	2.9	84
10	Evidence for rigid triaxial deformation at low energy in $^{76}\text{Ge}$ . Physical Review C, 2013, 87, .	2.9	82
11	Development of shell closures at $N=32,34$ . II. Lowest yrast excitations in even-even $\text{Ti}$ isotopes from deep-inelastic heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	79
12	Transverse Wobbling in $^{135}\text{Pr}$ . Physical Review Letters, 2015, 114, 082501.	7.8	79
13	Development of shell closures at $N=32,34$ . $I^2$ decay of neutron-rich $\text{Sc}$ isotopes. Physical Review C, 2004, 70, .	2.9	76
14	Superallowed $I^2$ Decay to Doubly Magic $^{100}\text{Sn}$ . Physical Review C, 2006, 74, .	7.8	76
15	Level structure of the neutron-rich $^{56,58,60}\text{Cr}$ isotopes: Single-particle and collective aspects. Physical Review C, 2006, 74, .	2.9	75
16	Proton and $I^2$ radioactivity below the $Z=82$ shell closure. Physical Review C, 1999, 59, R2979-R2983.	2.9	74
17	Alignment Delays in the $N=Z$ Nuclei $^{72}\text{r}$ , $^{76}\text{r}$ , and $^{80}\text{r}$ . Physical Review Letters, 2001, 87, 132501.	7.8	67
18	Configuration mixing and relative transition rates between low-spin states in $^{68}\text{Ni}$ . Physical Review C, 2013, 88, .	2.9	60

#	ARTICLE	IF	CITATIONS
19	Robust test of $E(5)$ symmetry in $^{128}\text{Xe}$ . Physical Review C, 2009, 80, .	2.9	57
20	Nuclear theory and science of the facility for rare isotope beams. Modern Physics Letters A, 2014, 29, 1430010.	1.2	57
21	Yrast structures in the neutron-rich isotopes $^{62}\text{Ni}$ and $^{64}\text{Ni}$ . Physical Review C, 2011, 83, 044308.	7.8	55
22	Yrast structures in the neutron-rich isotopes $^{59}\text{Ni}$ and $^{60}\text{Ni}$ . Physical Review C, 2011, 83, 044309.	2.9	52
23	isotopes populated in $^{64}\text{Ni}$ and $^{66}\text{Ni}$ . Physical Review Letters, 2011, 106, 122501.	2.9	52
24	Isomer depletion as experimental evidence of nuclear excitation by electron capture. Nature, 2018, 554, 216-218.	27.8	52
25	Intermediate-energy Coulomb excitation of $^{58,60,62}\text{Cr}$ : The onset of collectivity toward $N=40$ . Physical Review C, 2012, 86, .	2.9	51
26	Competing T=0 and T=1 structures in the N=Z nucleus $^{62}\text{Ga}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 437, 264-272.	4.1	50
27	Fusion hindrance for a positive Q-value system. Physical Review C, 2008, 78, .	2.9	49
28	Evolution of the mixed-symmetry excitation from spherical to soft $^{\infty}Xe$ nuclei. Physical Review C, 2010, 82, .	2.9	49
29	Effective Charge of the $11/2^+$ Orbital and the Electric Field Gradient of Hg from the Yrast Structure of $^{206}\text{Pb}$ . Physical Review Letters, 2001, 87, 212501.	7.8	47
30	Evolution of shapes in $^{59}\text{Cu}$ . European Physical Journal A, 2002, 14, 317-348.	2.5	46
31	Variation with mass of $B(E3; 0^+_1 \rightarrow 3^+_1)$ transition rates in $A=124-134$ even-mass xenon nuclei. Physical Review C, 2006, 73, .	2.9	46
32	Fine structure in the $1^+$ decay of $^{192}\text{Po}$ . Zeitschrift für Physik A, 1996, 356, 3-4.	0.9	45
33	Observation of $^{46}\text{Ca}$ and Testing the Isobaric Multiplet Mass Equation at High Spin. Physical Review Letters, 2001, 87, 132502.	7.8	44
34	Search for excited states in $^7\text{He}$ with the (d,p) reaction. Physical Review C, 2005, 72, .	2.9	44
35	$^{72}\text{Ca}$ decay and isomeric properties of neutron-rich Ca and Sc isotopes. Physical Review C, 2010, 82, .	2.9	43
36	Shape coexistence from lifetime and branching-ratio measurements in $^{68,70}\text{Ni}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 108-113.	4.1	43

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37	<p>Structure of <math>^{58}\text{Fe}</math>: Influence of the</p> <p>Physical Review C, 2012, 85, .</p>	2.9	42
38	Structure of two-, four-, and six-quasiparticle isomers in $^{174}\text{Yb}$ and $K$ -forbidden decays. Physical Review C, 2005, 71, .	2.9	41
39	Level structure of $^{26}\text{Si}$ and its implications for the astrophysical reaction rate of $^{25}\text{Si}(p, \gamma)^{26}\text{Si}$ . Physical Review C, 2007, 75, .	2.9	41
40	Lifetime measurement of candidate chiral doublet bands in the $^{103,104}\text{Rh}$ isotopes with the recoil-distance Doppler-shift method in inverse kinematics. Physical Review C, 2008, 78, .	2.9	41
41	Structure of $^{7}\text{He}$ by proton removal from $^{8}\text{Li}$	2.9	40
42	$\beta$ -ray spectroscopy of the $A=23, T=1/2$ nuclei $^{23}\text{Na}$ and $^{23}\text{Mg}$ : High-spin states, mirror symmetry, and applications to nuclear astrophysical reaction rates. Physical Review C, 2013, 87, .	2.9	38
43	New low-energy and shape coexistence in $^{59}\text{Ni}$	2.9	37
44	Longitudinal Wobbling Motion in $^{187}\text{Au}$	7.8	37
45	Further Evidence for the Low-Energy Component of the $^{187}\text{Au}$ Wobbling Motion		

#	ARTICLE	IF	CITATIONS
55	Band structure of $^{68}\text{Ge}$ . Physical Review C, 2000, 63, .	2.9	31
56	Higher-seniority excitations in even neutron-rich Sn isotopes. Physical Review C, 2014, 89, .	2.9	31
57	$\hat{I}^2$ -decay of odd-ATi57andV59. Physical Review C, 2005, 72, .	2.9	30
58	Single-particle and collective degrees of freedom in $^{101}\text{Zr}$ and $^{103,105}\text{Mo}$ . Physical Review C, 2006, 73, .	2.9	30
59	$\hat{I}^2$ decay of neutron-rich $^{53}\text{Ca}$ . Physical Review C, 2006, 73, .	2.9	30
60	Influence of the $\hat{I}^2$ decay on level structures of neutron-rich $^{53}\text{Ca}$ and $^{56}\text{Ca}$ . Physical Review C, 2010, 81, .	2.9	30
61	Lifetime of the $\hat{I}^2$ decay in $^{61}\text{Mn}$ . Physical Review C, 2010, 81, .	2.9	30
62	Quasiparticle excitations in superdeformed $^{192}\text{Hg}$ . Physical Review C, 1995, 51, R1609-R1612.	2.9	29
63	Masses and $\hat{I}^2$ -Decay Spectroscopy of Neutron-Rich Odd-Odd $^{160}\text{Eu}$ . Physical Review C, 2006, 74, .	7.8	29
64	Multiple octupole-type band structures in $^{220}\text{Th}$ : Reflection-asymmetric tidal waves?. Physical Review C, 2006, 74, .	2.9	28
65	Implications for the two-proton decay of $^{92}\text{Ag}$ . Physical Review C, 2006, 74, .	2.9	28
66	Fusion hindrance for $^{27}\text{Al}+^{45}\text{Sc}$ and other systems with a positive Q value. Physical Review C, 2010, 81, .	2.9	28
67	Structure of $^{60}\text{Fe}$ . Physical Review C, 2006, 73, .	2.9	28
68	Examination of the low-energy enhancement of the $\hat{I}^3$ -ray strength function of $^{56}\text{Fe}$ . Physical Review C, 2018, 97, .	2.9	28
69	In-beam study of the $N=Z$ nucleus $^{63}\text{As}$ using the decay tagging technique. Nuclear Physics A, 2001, 682, 41-47.	1.5	27
70	High-Kisomers and rotational structures in $^{174}\text{W}$ . Physical Review C, 2006, 73, .	2.9	27
71	Half-life and spin of $^{60}\text{Mn}$ . Physical Review C, 2006, 73, .	2.9	26
72	Probing $d_{5/2}$ - $f_{7/2}$ cross-shell interactions via terminating configurations in $^{42,43}\text{Sc}$ . Physical Review C, 2007, 75, .	2.9	26

#	ARTICLE	IF	CITATIONS
73	Band structures extending to very high spin in Xe126. Physical Review C, 2007, 76, .	2.9	26
74	Nuclear shapes of highly deformed bands in Hf171,172 and neighboring Hf isotopes. Physical Review C, 2007, 76, .	2.9	26
75	Rotation-aligned coupling in $^{61}\text{Fe}$ . Physical Review C, 2008, 77, .	2.9	26
76	High-spin spectroscopy in $^{125}\text{Xe}$ . Physical Review C, 2011, 83, .	2.9	26
77	Core-coupled protons, $f_{7/2}$ intruder states, and competing $g_{9/2}$ proton and neutron structures in $^{65,67}\text{Cu}$ . Physical Review C, 2012, 85, .	2.9	26
78	Lifetime of the $K^{\pi} = 0^+_{gs}$ in the neutron-rich nucleus $^{79}\text{Er}$ . Physical Review C, 2009, 79, .	2.9	25
79	$^{126}\text{Xe}$ - soft nucleus and its $^{126}\text{Xe}$ and its $^{133}\text{La}$ . Physical Review C, 2016, 94, .	2.9	25
80	Triaxial-band structures, chirality, and magnetic rotation in $^{133}\text{La}$ . Physical Review C, 2016, 94, .	2.9	25
81	Spectroscopy of $^{193,195,197}\text{Po}$ . Physical Review C, 1997, 56, 723-728.	2.9	24
82	Identification of the $g_{9/2}$ bands in the neutron-rich $^{168}\text{Ga}$ . Physical Review C, 2009, 79, .	2.9	24
83	Band structures and isomers in $^{168}\text{Ga}$ . Physical Review C, 2009, 79, .	2.9	24
84	Shape Coexistence at Zero Spin in $^{64}\text{Ni}$ . Physical Review C, 2009, 79, .	7.8	24
85	Electromagnetic transition rates in high-spin bands in $^{136}\text{Nd}$ . Physical Review C, 2010, 82, .	2.9	23
86	Nature of yrast excitations near $N = 40$ . Level structure of $^{67}\text{Ni}$ . Physical Review C, 2012, 85, .	2.9	23
87	Spectroscopy of $^{192}\text{Po}$ . Physical Review C, 1997, 55, 1724-1729.	2.9	22
88	The influence of $\frac{1}{2}h_{11/2}$ occupancy on the magnetic moments of collective $21^+$ states in $A \approx 100$ fission fragments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 55-60.	4.1	22
89	Seniority, collectivity, and $B(E2)$ in $^{72}\text{Ni}$ . Physical Review C, 2011, 84, .	2.9	22
90	Noncollective aligned and antialigned states in $^{125}\text{I}$ . Physical Review C, 2010, 82, .	2.9	21

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91	High-spin transition quadrupole moments in neutron-rich Mo and Ru nuclei: Testing $\hat{I}^3$ softness?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 61-65.	4.1	21
92	Doubly magic $^{208}\text{Pb}$ : High-spin states, isomers, and $^{207}\text{Pb}$ : High-spin states, isomers, and $^{207}\text{Pb}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 61-65.	2.9	21
93	Effect of a Triaxial Nuclear Shape on Proton Tunneling: The Decay and Structure of $^{145}\text{Tm}$ . Physical Review Letters, 2007, 99, 082502.	7.8	20
94	Parity doubling in $^{219}\text{Th}$ and the onset of collectivity above $N=126$ . Physical Review C, 2009, 80, .	2.9	20
95	High-spin proton alignments and coexisting coupling schemes in $^{168}\text{Hf}$ . Physical Review C, 2009, 80, .	2.9	20
96	High-spin states and isomers in the one-proton-hole and three-neutron-hole $^{204}\text{Tl}$ isotope. Physical Review C, 2011, 84, .	2.9	20
97	Near yrast study of the pf shell nuclei $^{58}\text{Ni}$ , $^{61}\text{Cu}$ , and $^{61}\text{Zn}$ . Physical Review C, 1999, 60, .	2.9	19
98	First evidence of excited states in the near-drip-line nucleus $^{126}\text{Pn}$ and signature inversion in $A \approx 130$ nuclei. Physical Review C, 2001, 63, .	2.9	19
99	Very Extended Shapes in the $A \approx 110$ Region. Physical Review Letters, 2001, 87, 202502.	7.8	19
100	The $\pi_{h_{11/2}^{-1}}u_{i_{13/2}^{-2}}$ three-hole isomeric state and octupole core excitation in the $^{205}\text{Tl}$ nucleus. European Physical Journal A, 2003, 20, 57-58.	2.5	19
101	Doorway States in the Gamma Decay-Out of the Yrast Superdeformed Band in $^{59}\text{Cu}$ . Physical Review Letters, 2003, 91, 232502.	7.8	19
102	Yrast structure of the two-proton- and three-neutron-hole nucleus $^{203}\text{Hg}$ from the decay of a $^{204}\text{Tl}$ isomer. Physical Review Letters, 2003, 91, 232502.	2.9	19
103	Yrast structure of the two-proton- and three-neutron-hole nucleus $^{203}\text{Hg}$ from the decay of a $^{204}\text{Tl}$ isomer. Physical Review Letters, 2003, 91, 232502.	2.9	19
104	Triaxial strongly deformed bands in $^{160}\text{Tm}$ and $^{161}\text{Tm}$ . Physical Review C, 2008, 78, .	2.9	18
105	Low-energy structure of $^{61}\text{Mn}$ populated following $\hat{I}^2$ decay of $^{61}\text{Cr}$ . Physical Review C, 2009, 79, .	2.9	18
106	Levels above the $^{59}\text{Cu}$ isomeric state. Physical Review C, 2009, 79, .	2.9	18
107	Core excitations beyond maximally aligned configurations in $^{123}\text{I}$ . Physical Review C, 2012, 85, .	2.9	18
108	Proton decay of $^{108}\text{I}$ and its significance for the termination of the astrophysical rp-process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 187-192.	4.1	18

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109	K-Mixing and fast decay of a seven-quasiparticle isomer in $^{179}\text{Ta}$ . European Physical Journal A, 2004, 22, 23-27.	2.5	17
110	Isomers and oblate rotation in Pt isotopes: Delineating the limit for collectivity at high spins. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 225-229.	4.1	17
111	Transition to non-collective states at high spin in $^{124}\text{Xe}$ . European Physical Journal A, 2008, 36, 21-29.	2.5	16
112	Collective Oblate Rotation at High Spins in Neutron-Rich $^{180}\text{Hf}$ . Physical Review Letters, 2008, 101, 182503.	7.8	16
113	Non-yrast positive-parity structures in the soft nucleus $^{156}\text{Er}$ . Physical Single-particle and collective excitations in $^{156}\text{Er}$ . Physical Review C, 2013, 88, .	2.9	16
114	Single-particle and collective excitations in $^{63}\text{Ni}$ . Physical Review C, 2013, 88, .	2.9	16
115	Lifetime measurements of triaxial strongly deformed bands in $^{163}\text{Tm}$ . Physical Review C, 2007, 75, .	2.9	15
116	Yrast structure of $^{206}\text{Bi}$ : Isomeric states and one-proton-particle, three-neutron-hole excitations. Physical Review C, 2012, 86, .	2.9	15
117	Characterization of a gamma-ray tracking array: A comparison of GRETINA and Gammasphere using a $^{60}\text{Co}$ source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Novel $^{16}\text{Mg}$ .	1.6	15
118	Sequence in $^{14}\text{Ge}$ .	7.8	15
119	Spherical and deformed structures in $^{189}\text{Pb}$ . Physical Review C, 2005, 71, .	2.9	14
120	Decay properties of high-spin isomers and other structures in $^{121}\text{Sb}$ and $^{123}\text{Sb}$ . Physical Review C, 2009, 79, .	2.9	14
121	Multi-quasiparticle isomers involving proton-particle and neutron-hole configurations in $^{131}\text{I}$ and $^{133}\text{I}$ . Physical Review C, 2009, 79, .	2.9	14
122	Highly deformed high-spin band in $^{125}\text{I}$ . Physical Review C, 2011, 84, .	2.9	14
123	Characterization of octupole-type structures in $^{221}\text{Th}$ . Physical Review C, 2014, 90, .	2.9	14
124	Structure of resonances in the Gamow burning window for the $^{25}\text{Al}$ reaction in nova.	2.9	14
125	One-neutron knockout in the vicinity of the $N=32$ sub-shell closure: $^{9}\text{Be}(\text{Cr}57, \text{Cr}56+^{13}\text{C})X$ . Physical Review C, 2006, 74, .	2.9	13
126	Search for strongly deformed structures and observation of multiple nucleon alignments in $^{174}\text{W}$ . Physical Review C, 2008, 77, .	2.9	13



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127	High-spin, multiparticle isomers in $^{121,123}\text{Sb}$ . Physical Review C, 2008, 77, .	2.9	13
128	High-lying, non-yrast shell structure in $^{68}\text{Ti}$ . Physical Review C, 2009, 80, .	2.9	13
129	Connections between high- $K$ and low- $K$ states in the $^{97}\text{Zr}$ process. Physical Review C, 2010, 81, .	2.9	13
130	High-lying $20^+$ states in the $^{97}\text{Zr}$ process. Physical Review C, 2010, 81, .	2.9	13
131	Multi-intruder structures in $^{34}\text{P}$ . Physical Review C, 2010, 81, .	2.9	13
132	Odd- $N$ states in $^{62}\text{Ga}$ . Physical Letters, Section B, Nuclear Physics, 2010, 704, .	4.1	13
133	Two-neutron and core-excited states in $^{146}\text{Ba}$ and the role of $^{210}\text{Pb}$ . Physical Review C, 2010, 81, .	2.9	13
134	Structure of $^{210}\text{Pb}$ : Tracing collectivity and evidence for a new $^{210}\text{Pb}$ -decaying isomer. Physical Review C, 2010, 81, .	2.9	13
135	Single-particle and collective degrees of freedom. Physical Review C, 2010, 81, .	2.9	13
136	Isospin symmetry in the odd-odd mirror nuclei $^{44}\text{V}/^{44}\text{Sc}$ . Physical Review C, 2011, 84, .	2.9	12
137	Search for the wobbling mode in $^{169}\text{Re}$ and $^{170}\text{Re}$ . Physical Review C, 2011, 84, .	2.9	12
138	Single-particle and collective excitations in $^{62}\text{Ni}$ . Physical Review C, 2016, 94, .	2.9	12
139	Shell-model states with seniority 5, and 7 in odd- $A$ neutron-rich Sn isotopes. Physical Review C, 2016, 93, .	2.9	12
140	Prolate yrast cascade in $^{183}\text{Tl}$ . Physical Review C, 2000, 61, .	2.9	11
141	Shape evolution in the superdeformed $^{80-90}\text{mass}$ region. Physical Review C, 2003, 68, .	2.9	11
142	Shape coexistence and band crossings in $^{174}\text{Pt}$ . Physical Review C, 2004, 70, .	2.9	11
143	Spectroscopy of the odd-odd $f_7/2$ -shell nucleus $^{52}\text{Sc}$ from secondary fragmentation. Physical Review C, 2006, 73, .	2.9	11
144	$\hat{I}^3$ -ray spectroscopy of the odd-odd $N=Z+2$ deformed proton emitter $^{112}\text{Cs}$ . Physical Review C, 2012, 85, .	2.9	11

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145	High-spin structure of $^{204}\text{Hg}$ nuclei. Physical Review C, 2015, 92, . Rotation-aligned isomer and oblate collectivity in $^{204}\text{Hg}$ . Physical Review C, 2015, 92, .	2.9	11
146	High-spin structure of $^{196}\text{Pt}$ nuclei. Physical Review C, 2015, 92, .	2.9	11
147	In-beam $\gamma$ -ray spectroscopy of $^{19}\text{F}$ nuclei. Physical Review C, 2015, 92, .	7.8	11
148	High-spin structure of $^{62}\text{Cr}$ nuclei. Physical Review C, 2015, 92, .	2.9	11
149	Deformed negative-parity excitations in $^{71}\text{As}$ . Physical Review C, 1999, 59, 2919-2922.	2.9	10
150	Masses and Proton Separation Energies Obtained from $Q(\beta^{\pm})$ and $Q(\alpha)$ Measurements. Hyperfine Interactions, 2001, 132, 133-139.	0.5	10
151	Empirical Investigation of Extreme Single-Particle Behavior of Nuclear Quadrupole Moments in Highly Deformed Bands. Physical Review Letters, 2001, 87, 172503.	7.8	10
152	High-spin structure of $Z \approx N$ nuclei around the $A = 72$ region. European Physical Journal A, 2003, 20, 131-132.	2.5	10
153	Spectroscopy of the $^{46}\text{Cr}$ nucleus and mirror energy differences. Physical Review C, 2007, 75, .	2.9	10
154	High-spin structure, Isomers, and state mixing in the neutron-rich isotopes $^{173}\text{Tm}$ and $^{175}\text{Tm}$ . Physical Review C, 2012, 86, .	2.9	10
155	Revised level structure of $^{120}\text{Te}$ . Physical Review C, 2014, 90, .	2.9	10
156	Role of the $\gamma$ -ray spectroscopy in the development of collectivity in the $^{60}\text{Ni}$ nucleus. Physical Review C, 2015, 91, .	2.9	10
157	Identification of $\gamma$ -decaying resonant states in $^{26}\text{Mg}$ and their importance for the astrophysical s process. European Physical Journal A, 2019, 55, 1.	2.5	10
158	Solving the Puzzles of the Decay of the Heaviest Known Proton-Emitting Nucleus $^{185}\text{Bi}$ . Physical Review Letters, 2021, 127, 202501.	7.8	10
159	Excited structure with a very extended shape in $^{108}\text{Cd}$ . Physical Review C, 2002, 65, .	2.9	9
160	In-beam $\gamma$ -ray spectroscopy of $^{172}\text{Pt}$ . Physical Review C, 2003, 67, .	2.9	9
161	Gamma-ray spectroscopy of the doubly magic nucleus $^{56}\text{Ni}$ . European Physical Journal A, 2006, 27, 157-165.	2.5	9
162	Rotational structures and their evolution with spin in $^{152}\text{Gd}$ . Physical Review C, 2007, 75, .	2.9	9

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163	Population of positive-parity states in $^{170}\text{Sm}$ through Alignments, additivity, and signature inversion in odd-odd $^{170}\text{Sm}$ . Physical Review C, 2013, 88, .	2.9	9
164	Alignments, additivity, and signature inversion in odd-odd $^{170}\text{Sm}$ . Physical Review C, 2013, 88, .	2.9	9
165	Population of positive-parity states in $^{169}\text{Er}$ and $^{169}\text{Yb}$ . Physical Review C, 2013, 88, .	2.9	9
166	Collective and noncollective excitations in $^{122}\text{Te}$ . Physical Review C, 2013, 88, .	2.9	9
167	Triaxiality and exotic rotations at high spins in $^{134}\text{Ce}$ . Physical Review C, 2016, 93, .	2.9	9
168	Isomers from intrinsic excitations in $^{200}\text{Pb}$ and $^{202}\text{Pb}$ . Physical Review C, 2020, 102, .	2.9	9
169	Isomers from multinuclear excitations in $^{202}\text{Pb}$ and $^{203}\text{Pb}$ . Physical Review C, 2020, 102, .	2.9	9
170	The $^{136}\text{Xe} + ^{198}\text{Pt}$ reaction: a detailed re-examination. European Physical Journal A, 2020, 56, 1.	2.5	9
171	Evolution of collective and noncollective structures in $^{136}\text{Xe}$ . Physical Review C, 2020, 101, .	2.9	9
172	High-spin $^{160}\text{Gd}$ two-quasiparticle states in $^{160}\text{Gd}$ . Physical Review C, 2020, 101, .	2.9	9
173	Reply to: Possible overestimation of isomer depletion due to contamination. Nature, 2021, 594, E3-E4.	27.8	9
174	Coulomb excitation of a $^{242}\text{Am}$ isomeric target. Physical Review C, 2011, 83, .	2.9	8
175	Quadrupole moment measurements for strongly deformed bands in $^{171,172}\text{Hf}$ . Physical Review C, 2011, 83, .	2.9	8
176	Absolute $^{154}\text{Sm}$ -to-ground band transition strengths in $^{154}\text{Sm}$ . Physical Review C, 2012, 86, .	2.9	8
177	$^{235}\text{Np}$ and the possible role of $^{15}\text{J}$ . Physical Review C, 2012, 86, .	2.9	7
178	High-spin rotational bands in $^{123}\text{I}$ . Physical Review C, 2012, 86, .	2.9	7
179	Three-quasiparticle isomers and possible deformation in the transitional nuclide, $^{95}\text{Au}$ . Physical Review C, 2013, 87, .	2.9	7
180	Identification of triaxial strongly deformed bands in $^{164}\text{Hf}$ . Physical Review C, 2013, 88, .	2.9	7

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181	In-beam spectroscopy of medium- and high-spin states in Ce133. Physical Review C, 2016, 93, .	2.9	7
182	Odd-even staggering in the $\pi(9/2)^{+}_{g2}$ band in $^{72}\text{Br}$ . Physical Review C, 1999, 60, .	2.9	6
183	Band crossings in $^{166}\text{Ta}$ . Physical Review C, 2010, 82, .	2.9	6
184	Configurations and decay hindrances of high- $K$ states in $^{180}\text{Hf}$ . Physical Review C, 2016, 94, .	2.9	6
185	Decay of the key 92-keV resonance in the $^{25}\text{Mg}(p, \text{I}^3)$ reaction to the ground and isomeric states of the cosmic $\text{I}^3$ -ray emitter $^{26}\text{Al}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136033.	4.1	6
186	Yrast excitations in $^{191}\text{Pb}$ . Zeitschrift für Physik A, 1997, 359, 7-8.	0.9	5
187	An advanced ISOL facility based on ATLAS. , 1999, , .		5
188	Identification of $\pi(19/2^+)$ and $\pi(23/2^+)$ isomeric states in $^{127}\text{Sb}$ . European Physical Journal A, 2009, 42, 163.	2.5	5
189	$^{44}\text{Ca}$ in the odd-odd nucleus $^{144}\text{Ca}$ . Physical Review C, 2011, 84, .	2.9	5
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200	<p>Reaction and its influence on the flux of cosmic rays from <math>\langle \text{mml:math} \rangle</math></p> <p>Single-particle and dipole excitations in <math>\langle \text{mml:math} \rangle</math></p>	2.9	5
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