

# Tuomas Grahn

## List of Publications by Year in descending order

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255  
papers

3,607  
citations

172457

29  
h-index

206112

48  
g-index

260  
all docs

260  
docs citations

260  
times ranked

1243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies of pear-shaped nuclei using accelerated radioactive beams. Nature, 2013, 497, 199-204.	27.8	268
2	Nuclear isomers in superheavy elements as stepping stones towards the island of stability. Nature, 2006, 442, 896-899.	27.8	176
3	The Miniball spectrometer. European Physical Journal A, 2013, 49, 1.	2.5	126
4	Shape Coexistence in the Neutron-Deficient Even-Even $\text{Hg}$ Studied via Coulomb Excitation. Physical Review Letters, 2014, 112, 162701. Spectroscopy and single-particle structure of the odd-Z heavy elements 255Lr, 251Md and 247Es. European Physical Journal A, 2006, 30, 397-411.	7.8	96
5	$\hat{I}^{\pm}$ decay studies of the nuclides U218 and U219. Physical Review C, 2007, 75, .	2.9	75
6	High-K structure in Fm250 and the deformed shell gaps at N=152 and Z=100. Physical Review C, 2008, 78, .	2.9	65
7	Alpha-decay studies of the new isotopes 191At and 193At. European Physical Journal A, 2003, 17, 537-558.	2.5	62
8	$\hat{I}^{\pm}$ decay studies of very neutron-deficient francium and radium isotopes. Physical Review C, 2005, 71, .	2.9	62
9	Collectivity and Configuration Mixing in Pb186, 188 and Po194. Physical Review Letters, 2006, 97, 062501.	7.8	62
10	Shell Structure and Pairing Interaction in Superheavy Nuclei: Rotational Properties of the $Z=104$ Nucleus $\text{Rf}$ Physical Review Letters, 2012, 109, 012501.	7.8	59
11	Decay studies of Au170, 171, Hg171, 173, and Tl176. Physical Review C, 2004, 69, .	2.9	51
12	Evidence of chiral bands in even-even nuclei. Physical Review C, 2018, 97, .	2.9	49
13	Analysis methods of safe Coulomb-excitation experiments with radioactive ion beams using the GOSIA code. European Physical Journal A, 2016, 52, 1.	2.5	48
14	Probing the limit of nuclear existence: Proton emission from 159Re. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 641, 34-37.	4.1	46
15	Evolution of collectivity in $\text{Hg}$ and $\text{Hg}$ Lifetimes of intruder states in 186Pb, 188Pb and 194Po. Nuclear Physics A, 2008, 801, 83-100.	2.9	46
16	Lifetimes of intruder states in 186Pb, 188Pb and 194Po. Nuclear Physics A, 2008, 801, 83-100.	1.5	44
17	Observation of a Rotational Band in the Odd-Z Transfermium Nucleus Md101251. Physical Review Letters, 2007, 98, 132503.	7.8	43

#	ARTICLE	IF	CITATIONS
19	Evidence for non-yrast states in $^{254}\text{No}$ . European Physical Journal A, 2005, 26, 227-232.	2.5	40
20	$\hat{I}^{\pm}$ decay of $\text{Re}159$ and proton emission from $\text{Ta}155$ . Physical Review C, 2007, 75, .	2.9	36
21	Shape coexistence in neutron-deficient Hg isotopes studied via lifetime measurements in $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mmultiscripts} \rangle \langle \text{mi} \rangle \text{Hg} \langle \text{mrow} \rangle \langle \text{mprescripts} \rangle \langle \text{none} \rangle \langle \text{mrow} \rangle \langle \text{mn} \rangle 184 \langle \text{mrow} \rangle \langle \text{mo} \rangle \langle \text{mn} \rangle 186 \langle \text{mrow} \rangle \langle \text{mmultiscripts} \rangle \langle \text{math} \rangle$	2.9	36
22	$\hat{I}^3$ -Ray Spectroscopy at the Limits: First Observation of Rotational Bands in $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{display="inline"} \rangle \langle \text{mmultiscripts} \rangle \langle \text{mi} \rangle \text{Lr} \langle \text{mprescripts} \rangle \langle \text{none} \rangle \langle \text{mn} \rangle 255 \langle \text{mmultiscripts} \rangle \langle \text{math} \rangle$ . Physical Review Letters, 2009, 102, 212501.	7.8	34
23	Coulomb shifts and shape changes in the mass 70 region. Physical Review C, 2007, 75, .	2.9	33
24	Investigation of nuclear collectivity in the neutron mid-shell nucleus $\text{Pb}186$ . Physical Review C, 2007, 75, .	2.9	33
25	Yrast states and band crossings in the neutron-deficient platinum isotopes $\text{Pt}169$ – $^{173}$ . Physical Review C, 2006, 74, .	2.9	30
26	Blurring the Boundaries: Decays of Multiparticle Isomers at the Proton Drip Line. Physical Review Letters, 2014, 112, 092501.	7.8	30
27	In-beam spectroscopic studies of shape coexistence and collectivity in the neutron-deficient $Z \leq 82$ nuclei. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 024004.	3.6	30
28	Combined in-beam electron and $\hat{I}^3$ -ray spectroscopy of $\text{Hg}$ isotopes	2.9	29
29	Measurement of the first excited $2^+$ state in $^{186}\text{Te}$ .	2.9	29
30	$\hat{I}^{\pm}$ -decay studies of the francium isotopes $^{198}\text{Fr}$ and $^{199}\text{Fr}$ .	2.9	29
31	In-beam spectroscopy using the JYFL gas-filled magnetic recoil separator RITU. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 638-643.	1.4	27
32	Identification of Excited States in the $^{110}\text{Xe}$ Isotope: Evidence for Enhanced Collectivity near the $1^+$ State.	7.8	27
33	Structure of rotational bands in $^{253}\text{No}$ . European Physical Journal A, 2009, 42, 333.	2.5	27
34	A new differentially pumped plunger device to measure excited-state lifetimes in proton emitting nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 707, 143-148.	1.6	27
35	Plasma instability in the afterglow of electron cyclotron resonance discharge sustained in a mirror trap. Physics of Plasmas, 2012, 19, 122501.	1.9	25
36	Proton emission from an oblate nucleus $^{151}\text{Lu}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 79-84.	4.1	25

#	ARTICLE	IF	CITATIONS
37	Deformation and mixing of coexisting shapes in neutron-deficient polonium isotopes. Physical Review C, 2015, 92, .	2.9	25
38	Lifetimes of odd-spin yrast states in $^{182}\text{Hg}$ . Physical Review C, 2010, 81, .	2.9	24
39	Lifetimes of odd-spin yrast states in $^{156}\text{Ta}$ . Physical Review C, 2010, 81, .	2.9	24
40	Excited states and reduced transition probabilities in $^{168}\text{Os}$ . Physical Review C, 2016, 94, .	2.9	24
41	Excited states and reduced transition probabilities in $^{172}\text{Pt}$ and the Variation of Quadrupole Transition Strength with Angular Momentum. Physical Review Letter	7.8	24
42	The jurogam $\hat{\text{A}}^3$ spectrometer. European Physical Journal A, 2020, 56, 1.	2.5	24
43	Anomalous transition strength in the proton-unbound nucleus $^{109}\text{I}$ . Direct observation of the $^{109}\text{I}$ . Physics Letters.	4.1	22
44	Direct observation of the $^{114}\text{Ba}$ and $^{110}\text{Ba}$ . Physics Letters.	2.9	22
45	Evidence for oblate structure in $^{186}\text{Pb}$ . Physical Review C, 2005, 72, .	2.9	21
46	Discovery of $^{157}\text{W}$ and $^{161}\text{Os}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 15-18.	4.1	21
47	Recoil decay tagging of $\beta^+$ rays in the extremely neutron-deficient nucleus $^{162}\text{Os}$ . Physical Review C, 2004, 70, .	2.9	20
48	Recoil-beta tagging: A novel technique for studying proton-drip-line nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 630-636.	1.6	20
49	Excited $^{112}\text{Te}$ . Physical Review C, 2015, 91, .	2.9	20
50	In-beam and decay spectroscopy of transfermium elements. European Physical Journal A, 2005, 25, 599-604.	2.5	19
51	Alpha-decay study of $^{218}\text{U}$ ; a search for the sub-shell closure at $Z = 92$ . European Physical Journal A, 2005, 25, 183-184.	2.5	19
52	Experimental program of the Super-FRS Collaboration at FAIR and developments of related instrumentation. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 111-115.	1.4	19
53	Towards saturation of the electron-capture delayed fission probability: The new isotopes $^{240}\text{Es}$ and $^{236}\text{Bk}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 265-270.	4.1	19
54	Chirality of $^{135}\text{Nd}$ reexamined: Evidence for multiple chiral doublet bands. Physical Review C, 2019, 100, .	2.9	19

#	ARTICLE	IF	CITATIONS
55	Isospin symmetry in $B(E2)$ values: Coulomb excitation study of $^{199}\text{Bi}$ . <i>Physical Review C</i> , 2019, 99, .	2.9	19
56	Nuclear levels in proton-unbound $^{109}\text{Bi}$ . <i>Physical Review C</i> , 2007, 76, .	2.9	18
57	Reduced transition probabilities along the yrast line in $^{166}\text{Bi}$ . <i>Physical Review C</i> , 2017, 96, .	2.9	18
58	Confirming band assignments in $^{167}\text{Yb}$ with gamma-gamma-electron triple-coincidence spectroscopy. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	18
59	Decay studies of neutron-deficient odd-mass At and Bi isotopes. <i>European Physical Journal A</i> , 2005, 25, 181-182.	2.5	17
60	Decay of the high-spin isomer in $^{160}\text{Re}$ : Changing single-particle structure beyond the proton drip line. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 695, 78-81.	4.1	17
61	In-beam spectroscopy with intense ion beams: Evidence for a rotational structure in $^{246}\text{Fm}$ . <i>Physical Review C</i> , 2012, 85, .	2.9	17
62	$\hat{I}^3$ -ray and decay spectroscopy of $^{194}\text{Po}$ , $^{195}\text{Po}$ , and $^{196}\text{Po}$ . <i>Physical Review C</i> , 2013, 88, .	2.9	17
63	Spectroscopy on the proton drip-line: Probing the structure dependence of isospin nonconserving interactions. <i>Physical Review C</i> , 2014, 90, .	2.9	17
64	First identification of $\hat{I}^3$ -ray transitions in $^{107}\text{Te}$ . <i>Physical Review C</i> , 2004, 70, .	2.9	16
65	High-spin states in the proton-unbound nucleus $^{161}\text{Re}$ . <i>Physical Review C</i> , 2006, 74, .	2.9	16
66	In-beam conversion-electron spectroscopy of $^{180}\text{Hg}$ . <i>Physical Review C</i> , 2011, 84, .	2.9	16
67	$\hat{I}^3$ -soft to stable triaxiality in $^{151}\text{Nd}$ . <i>Physical Review C</i> , 2019, 99, .	2.9	16
68	$\hat{I}^3$ -spectroscopy studies of the new nuclides $^{165}\text{Pt}$ and $^{170}\text{Hg}$ . <i>Physical Review C</i> , 2019, 100, .	2.9	16
69	Radioactive Beams for Image-Guided Particle Therapy: The BARB Experiment at GSI. <i>Frontiers in Oncology</i> , 2021, 11, 737050.	2.8	16
70	Heavy Element Spectroscopy At JYFL. <i>AIP Conference Proceedings</i> , 2005, .	0.4	15
71	In-beam and decay spectroscopy of very neutron deficient iridium nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1719-S1722.	3.6	15
72	Collectivity of $^{196}\text{Po}$ at low spin. <i>Physical Review C</i> , 2009, 80, .	2.9	15

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73	Detailed spectroscopy of $^{193}\text{Bi}$ . Physical Review C, 2015, 92, .	2.9	15
74	Observation of a shears band and the first observation of excited states in $^{201}\text{At}$ . Physical Review C, 2009, 79, .	2.9	15
75	First observation of excited states in $^{193}\text{Bi}$ . Physical Review C, 2009, 79, .	2.9	14
76	A new recoil distance technique using low energy coulomb excitation in inverse kinematics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 196-205.	1.6	14
77	Decay of the $^{199}\text{At}$ isomer. Physical Review C, 2015, 91, .	2.9	14
78	Oblate deformed isomeric proton-simulating states in $^{199}\text{At}$ . Physical Review C, 2014, 89, .	2.9	14
79	Decay of the $^{151}\text{Lu}$ isomer. Physical Review C, 2015, 91, .	2.9	14
80	Stability of the heaviest elements: K isomer in No250. Physical Review C, 2020, 101, .	2.9	14
81	Recoil-fission tagging of the transfermium nucleus $^{252}\text{No}$ . European Physical Journal A, 2006, 28, 301-306.	2.5	13
82	In-beam gamma-ray spectroscopy of $^{190}\text{Po}$ . European Physical Journal A, 2007, 34, 275-281.	2.5	13
83	Isomeric and ground-state properties of $^{171}\text{Pt}$ . Physical Review C, 2011, 83, .	2.9	13
84	$\hat{I}^3$ -soft shapes and quasiparticle excitations in $^{161}\text{Ta}$ . Physical Review C, 2011, 83, .	2.9	13
85	In-beam gamma-ray spectroscopy of the $^{85}\text{N}$ isotope. Physical Review C, 2013, 88, .	2.9	13
86	Spectroscopy of proton-rich $^{66}\text{Se}$ . Physical Review C, 2013, 88, .	2.9	13
87	Isospin-breaking effect in the $^{66}\text{Se}$ band in $^{154}\text{Sm}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2013, 317, 1-4.	4.1	13
88	Electromagnetic properties of low-lying states in neutron-deficient Hg isotopes: Coulomb excitation of $^{182}\text{Hg}$ , $^{184}\text{Hg}$ , $^{186}\text{Hg}$ and $^{188}\text{Hg}$ . European Physical Journal A, 2019, 55, 1.	2.5	13
89	Nanosecond-Scale Proton Emission from Strongly Oblate-Deformed $^{149}\text{Lu}$ . Physical Review Letters, 2022, 128, 112501.	7.8	13
90	Competing quasiparticle configurations in $^{163}\text{W}$ . Physical Review C, 2010, 81, .	2.9	12

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91	Confirmation of the new isotope Pb178. Physical Review C, 2016, 94, .	2.9	12
92	Spectroscopic factor and proton formation probability for the d3/2 proton emitter 151Lu. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 83-87.	4.1	12
93	Exploring the boundaries of the nuclear landscape: $\alpha$ -decay properties of $^{211}\text{Pa}$ . Physical Review C, 2020, 102, .	2.9	12
94	RDDS lifetime measurement with JUROGAM + RITU. European Physical Journal A, 2005, 25, 441-442.	2.5	11
95	First identification of excited states in $^{169}\text{Ir}$ . Physical Review C, 2007, 75, .	2.9	11
96	Decay of $^{111}\text{m}\text{In}$ 1/2 microsecond isomer in $^{136}\text{Pm}$ . Physical Review C, 2008, 78, .	2.9	11
97	Identification of $^{172}\text{Au}$ rays from $^{172}\text{Lu}$ . Physical Review C, 2009, 79, .	2.9	11
98	$\beta$ -ray spectroscopy of $^{163}\text{Ta}$ . Physical Review C, 2009, 80, .	2.9	11
99	Electromagnetic transition strengths in $^{109}\text{Te}$ . Physical Review C, 2012, 86, .	2.9	11
100	Multiparticle configurations of excited states in $^{155}\text{Lu}$ . Physical Review C, 2016, 94, .	2.9	11
101	In-beam $\beta$ -ray and $\alpha$ -decay spectroscopy of $^{170}\text{Ir}$ . Physical Review C, 2007, 76, .	2.9	10
102	Prompt and delayed spectroscopy of $^{142}\text{Tb}$ using recoil-isomer tagging. Physical Review C, 2009, 79, .	2.9	10
103	$\beta$ -ray spectroscopy approaching the limits of existence of atomic nuclei: A study of the excited states of $^{168}\text{Pt}$ . Physical Review C, 2010, 81, .	2.9	10
104	High-spin intruder band in $^{107}\text{In}$ . Physical Review C, 2010, 81, .	2.9	10
105	Enhancing the sensitivity of recoil-beta tagging. Journal of Instrumentation, 2013, 8, P04025-P04025.	1.2	10
106	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
107	Multiple chiral bands in $^{137}\text{Nd}$ . European Physical Journal A, 2020, 56, 1.	2.5	10
108	Alpha-decay studies using the JYFL gas-filled recoil separator RITU. European Physical Journal A, 2005, 25, 179-180.	2.5	9

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109	Lifetime measurements probing triple shape coexistence in $^{175}\text{Au}$ . Physical Review C, 2011, 84, . Characterizing the atomic mass surface beyond the proton drip line via $\langle \mathbb{1} \pm \rangle$ -decay measurements of the $\langle \mathbb{1} \in \rangle$	2.9	9
110	Isomer-tagged differential-plunger measurements in $\langle \mathbb{1} \in \rangle$	2.9	9
111	Spectroscopy of $\langle \mathbb{1} \in \rangle$	2.9	9
112	$\langle \mathbb{1} \in \rangle$ and isospin symmetry in the $\langle \mathbb{1} \in \rangle$	2.9	9
113	De-excitation of the strongly coupled band in $\text{Au}^{177}$ and implications for core intruder configurations in the light Hg isotopes. Physical Review C, 2017, 95, .	2.9	9
114	Shape coexistence in $\text{Hg}^{178}$ . Physical Review C, 2019, 99, .	2.9	9
115	Tilted precession bands in $\text{Nd}^{135}$ . Physical Review C, 2021, 103, .	2.9	9
116	In-beam gamma-ray spectroscopy of $^{254}\text{No}$ . European Physical Journal A, 2005, 25, 605-607.	2.5	8
117	Collectivity in the light radon nuclei measured directly via Coulomb excitation. Physical Review C, 2015, 91, .	2.9	8
118	Collective $2^+ 1$ excitations in $^{206}\text{Po}$ and $^{208,210}\text{Rn}$ . European Physical Journal A, 2016, 52, 1. Evolving collective structures in the transitional nuclei $\langle \mathbb{1} \in \rangle$	2.5	8
119	$\langle \mathbb{1} \in \rangle$ and $\langle \mathbb{1} \in \rangle$	2.9	8
120	Backbending in the pear-shaped $\text{Th}^{90223}$ nucleus: Evidence of a high-spin octupole to quadrupole shape transition in the actinides. Physical Review C, 2017, 95, .	2.9	8
121	Spin-dependent evolution of collectivity in $\langle \mathbb{1} \in \rangle$	2.9	8
122	Detailed spectroscopy of $\langle \mathbb{1} \in \rangle$	2.9	8
123	A GEM-TPC in twin configuration for the Super-FRS tracking of heavy ions at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 884, 18-24.	1.6	8
124	Production cross section and decay study of $\text{Es}^{243}$ and $\text{Md}^{249}$ . Physical Review C, 2019, 99, .	2.9	8
125	Evidence against the wobbling nature of low-spin bands in $^{135}\text{Pr}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136840.	4.1	8
126	Experimental evidence for transverse wobbling bands in $\langle \mathbb{1} \in \rangle$	2.9	8



#	ARTICLE	IF	CITATIONS
127	20â€½ <sup>4</sup> isomeric state in doubly odd61134Pm. Physical Review C, 2009, 80, . Evidence for prolate structure in light Pb isotopes from in-beam<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>\hat{I}^3</math></math>-ray spectroscopy	2.9	7
128	of<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>Pb</math></math> : Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>P</math></math> isomeric state. Physical Review C, 2018, 97, .	2.9	7
129	First observation of superdeformed states in 191Bi. European Physical Journal A, 2015, 51, 1.	2.5	7
130	Experimental study of isomeric intruder 12+ states in At197,203. Physical Review C, 2017, 95, . Prompt and delayed spectroscopy of <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>At</math></math> : Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>29</math></math> isomeric state. Physical Review C, 2018, 97, .	2.9	7
131	Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>29</math></math> isomeric state. Physical Review C, 2018, 97, .	2.9	7
132	Collective rotation of an oblate nucleus at very high spin. Physical Review C, 2019, 99, .	2.9	7
133	Population of a low-spin positive-parity band from high-spin intruder states in 177Au: The two-state mixing effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135488.	4.1	7
134	Spectroscopy of the neutron-deficient nucleus<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>Os</math></math> : Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>167</math></math> isomeric state. Physical Review C, 2017, .	2.9	6
135	Low-lying excited states in the neutron-deficient isotopes<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>Os</math></math> and<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>Os</math></math> : Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>165</math></math> isomeric state. Physical Review C, 2013, 87, .	2.9	6
136	Prompt gamma ray-spectroscopy ofN= 50 fission fragments. EPJ Web of Conferences, 2013, 62, 01005.	0.3	6
137	Recoil-decay tagging spectroscopy of74162W88. Physical Review C, 2015, 92, . Collective excitations in the transitional nuclei<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>Re</math></math> and<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>163</math></math> : Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>163</math></math> isomeric state. Physical Review C, 2017, .	2.9	6
138	and<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>163</math></math> : Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>163</math></math> isomeric state. Physical Review C, 2017, .	2.9	6
139	Information on the p1 <sup>o</sup> for emitter<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>Cs</math></math> from electromagnetic transition and proton-emission rates. Physical Review C, 2016, 94, .	2.9	6
140	Spectroscopy at the two-proton drip line: Excited states in 158W. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 703-707.	4.1	6
141	Low-lying electromagnetic transition strengths in <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>Pt</math></math> : Observation of a shears band and a <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><math>180</math></math> isomeric state. Physical Review C, 2018, 97, .	2.9	6
142	The science case of the FRS Ion Catcher for FAIR Phase-0. Hyperfine Interactions, 2019, 240, 1.	0.5	6
143	In-beam $\hat{I}^3$ -ray and electron spectroscopy of Md249,251. Physical Review C, 2020, 102, .	2.9	6
144	Complete set of proton excitations in Cs119. Physical Review C, 2021, 104, .	2.9	6

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145	Yrast structures in the light Pt isotopes $^{169}\text{Pt}$ – $^{173}\text{Pt}$ . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1715-S1718.	3.6	5
146	Lifetime measurement in $^{195}\text{Po}$ . European Physical Journal A, 2009, 39, 291-294.	2.5	5
147	Discovery of a $^{10}\text{s}$ isomeric state in $^{63}\text{Zn}$ . Physical Review C, 2011, 83, .	2.9	5
148	First observation of excited states of $^{173}\text{Hg}$ . Physical Review C, 2012, 85, .	2.9	5
149	Identification of isomeric states in the $N=73$ neutron-deficient nuclei $^{132}\text{Pr}$ and $^{130}\text{La}$ . Physical Review C, 2012, 86, .	2.9	5
150	Coulomb excitation of re-accelerated $^{208}\text{Rn}$ and $^{206}\text{Po}$ beams. EPJ Web of Conferences, 2013, 63, 01009.	0.3	5
151	X-ray production with heavy post-accelerated radioactive-ion beams in the lead region of interest for Coulomb-excitation measurements. Nuclear Instruments & Methods in Physics Research B, 2015, 360, 97-102.	1.4	5
152	High-spin states beyond the proton drip-line: Quasiparticle alignments in $^{113}\text{Cs}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 243-249.	4.1	5
153	Identification of the $\pi=1^+$ state in $^{218}\text{Ra}$ populated via $\alpha$ -decay of $^{222}\text{Th}$ . Physical Review C, 2016, 94, .	2.9	5
154	Lifetime measurements of excited states in $^{162}\text{W}$ and $^{164}\text{W}$ . Physical Review C, 2017, 95, .	2.9	5
155	In-beam study of $^{253}\text{No}$ using the SAGE spectrometer. European Physical Journal A, 2017, 53, 1.	2.5	5
156	$\beta^-$ -Decay Studies of r-Process Nuclei Using the Advanced Implantation Detector Array (AIDA)., 2017, .		5
157	Fine structure in the $\beta^-$ decay of high-spin isomers in $^{155}\text{Lu}$ and $^{155}\text{Hf}$ . Physical Review C, 2019, 100, .	2.9	5
158	$\beta^-$ -decay spectroscopy of the $N=130$ isotones $^{218}\text{Ra}$ and $^{220}\text{Th}$ : Mitigation of $\beta^-$ -particle energy summing with implanted nuclei. Physical Review C, 2019, 100, .	2.9	5
159	Evidence of oblate-prolate shape coexistence in the strongly-deformed nucleus $^{119}\text{Cs}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136645.	4.1	5
160	Single-particle states and parity doublets in odd- $Z$ $^{221}\text{Ac}$ and $^{221}\text{Pa}$ . Physical Review C, 2021, 103, .	2.9	5
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