

Tuomas Grahn

List of Publications by Year in descending order

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255
papers

3,607
citations

172457

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48
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260
all docs

260
docs citations

260
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence against the wobbling nature of low-spin bands in ^{135}Pr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136840.	4.1	8
2	Experimental evidence for transverse wobbling bands in ^{136}Nd . Physical Review C, 2022, 105, .	2.9	8
3	Identification of excited states in ^{221}Ac and ^{221}Pa . Physical Review C, 2021, 103, .	2.9	5
4	Nanosecond-Scale Proton Emission from Strongly Oblate-Deformed ^{149}Lu . Physical Review Letters, 2022, 128, 112501.	7.8	13
5	Candidate revolving chiral doublet bands in ^{119}Cs . European Physical Journal A, 2022, 58, 1.	2.5	3
6	AWAGS: A single ASIC to identify fast ions from protons to uranium. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1040, 167188.	1.6	0
7	Isomeric states in the odd-odd nucleus ^{178}Au . Physical Review C, 2021, 103, .	2.9	3
8	Lifetime measurements of yrast states in ^{178}Pt using the charge plunger method with a recoil separator. European Physical Journal A, 2021, 57, 1.	2.5	1
9	Tilted precession bands in ^{135}Nd . Physical Review C, 2021, 103, .	2.9	9
10	Isomeric states in the odd-odd nucleus ^{178}Au . Physical Review C, 2021, 103, .	2.9	1
11	Radioactive Beams for Image-Guided Particle Therapy: The BARB Experiment at GSI. Frontiers in Oncology, 2021, 11, 737050.	2.8	16
12	Lifetime measurements of excited states in $^{169,171,173}\text{Os}$: Persistence of anomalous $B(E2)$ ratios in transitional rare earth nuclei in the presence of a decoupled $i_{13/2}$ valence neutron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136527.	4.1	1
13	Evidence of oblate-prolate shape coexistence in the strongly-deformed nucleus ^{119}Cs . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136645.	4.1	5
14	Complete set of proton excitations in ^{119}Cs . Physical Review C, 2021, 104, .	2.9	6
15	Single-particle and collective excitations in the transitional nucleus ^{166}Os . Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 125101.	3.6	0
16	First observation of high-K isomeric states in ^{249}Md and ^{251}Md . European Physical Journal A, 2021, 57, 1.	2.5	3
17	Identification of excited states in ^{55}Te . Physical Review C, 2021, 104, .	2.9	0
18	Stability of the heaviest elements: K isomer in ^{250}No . Physical Review C, 2020, 101, .	2.9	14

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19	In-beam \hat{I}^{\pm} -ray and electron spectroscopy of Md249,251. Physical Review C, 2020, 102, .	2.9	6
20	A charge plunger device to measure the lifetimes of excited nuclear states where transitions are dominated by internal conversion. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 979, 164454.	1.6	2
21	Excited states in \hat{I}^{\pm} -decay properties of ^{211}Pa . Physical Review C, 2020, 102, .	2.9	12
22	Multiple chiral bands in ^{137}Nd . European Physical Journal A, 2020, 56, 1.	2.5	10
23	Excited states in ^{217}Ra populated in the \hat{I}^{\pm} decay of ^{217}Th .	2.9	2
24	Study of excited states and observation of collective level structures in the odd-odd nucleus ^{194}Bi . European Physical Journal A, 2020, 56, 1.	2.5	2
25	Population of a low-spin positive-parity band from high-spin intruder states in ^{177}Au : The two-state mixing effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135488.	4.1	7
26	Isomeric $13/2^+$ state in ^{201}Fr . Physical Review C, 2020, 101, .	2.9	3
27	Evidence for octupole collectivity in ^{172}Pt . European Physical Journal A, 2020, 56, 1.	2.5	0
28	Delayed or absent \hat{I}^{\pm} alignment in ^{111}Xe . Physical Review C, 2020, 101, .	2.9	1
29	The jurogam \hat{A}^3 spectrometer. European Physical Journal A, 2020, 56, 1.	2.5	24
30	High-spin states of ^{218}Th . Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 095103.	3.6	2
31	Chirality of ^{135}Nd reexamined: Evidence for multiple chiral doublet bands. Physical Review C, 2019, 100, .	2.9	19
32	The science case of the FRS Ion Catcher for FAIR Phase-0. Hyperfine Interactions, 2019, 240, 1.	0.5	6
33	Identification of a $6.6\hat{I}^{\pm}/4\text{s}$ isomeric state in ^{175}Ir . Physical Review C, 2019, 99, .	2.9	2
34	\hat{I}^{\pm} -spectroscopy studies of the new nuclides ^{165}Pt and ^{170}Hg .	2.9	16
35	Lifetime measurements of excited states in ^{163}W and the implications for the anomalous $B(E2)$ ratios in transitional nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134998.	4.1	4
36	\hat{I}^{\pm} -decay spectroscopy of the $N=130$ isotones ^{218}Ra and ^{220}Th : Mitigation of \hat{I}^{\pm} -particle energy summing with implanted nuclei. Physical Review C, 2019, 100, .	2.9	5

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55	Level structure above the 17+ isomeric state in Tm8369152. Physical Review C, 2018, 98, .	2.9	1
56	Fine structure in the \hat{I}_{\pm} decay of high-spin isomers in ^{155}Lu and ^{155}Hf $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mi}>\hat{I}_{\pm}</\text{mml:mi}></\text{mml:math}>$ $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mmultiscripts}><\text{mml:mi}>\text{Lu}</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mn}>155</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$ and $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mmultiscripts}><\text{mml:mi}>\text{Hf}</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mn}>155</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$	2.9	5
57	Decay of a 19 $\hat{\alpha}$ isomeric state in Lu156. Physical Review C, 2018, 98, .	2.9	2
58	Lifetime Measurements of Excited States in ^{172}Pt $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:math}>\text{display}=\text{"inline"}><\text{mml:mrow}><\text{mml:mmultiscripts}><\text{mml:mrow}><\text{mml:mi}>\text{Pt}</\text{mml:mi}></\text{mml:mrow}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mrow}><\text{mml:mn}>172</\text{mml:mn}></\text{mml:mrow}></\text{mml:mmultiscripts}></\text{mml:mrow}></\text{mml:math}>$ and the Variation of Quadrupole Transition Strength with Angular Momentum. Physical Review $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:math}>\text{display}=\text{"inline"}><\text{mml:mrow}><\text{mml:mmultiscripts}><\text{mml:mrow}><\text{mml:mi}>\text{Pt}</\text{mml:mi}></\text{mml:mrow}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mrow}><\text{mml:mn}>172</\text{mml:mn}></\text{mml:mrow}></\text{mml:mmultiscripts}></\text{mml:mrow}></\text{mml:math}>$	7.8	24
59	Towards saturation of the electron-capture delayed fission probability: The new isotopes ^{240}Es and ^{236}Bk . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 265-270.	4.1	19
60	Backbending in the pear-shaped Th90223 nucleus: Evidence of a high-spin octupole to quadrupole shape transition in the actinides. Physical Review C, 2017, 95, .	2.9	8
61	Collectivity in $^{196,198}\text{Pb}$ isotopes probed in Coulomb-excitation experiments at REX-ISOLDE. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064009.	3.6	3
62	Spectroscopy at the two-proton drip line: Excited states in ^{158}W . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 703-707.	4.1	6
63	Spectroscopic factor and proton formation probability for the d3/2 proton emitter ^{151}Lu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 83-87.	4.1	12
64	De-excitation of the strongly coupled band in ^{177}Au and implications for core intruder configurations in the light Hg isotopes. Physical Review C, 2017, 95, .	2.9	9
65	Reduced transition probabilities along the yrast line in ^{166}W $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mmultiscripts}><\text{mml:mi}>W</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mn}>166</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$. Physical Review C, 2017, 96, .	2.9	18
66	Reinvestigation of the excited states in the proton emitter ^{151}Lu : Particle-hole excitations across the N=Z=64 subshell. Physical Review C, 2017, 96, .	2.9	1
67	Spin-dependent evolution of collectivity in ^{112}Te $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mmultiscripts}><\text{mml:mi}>\text{Te}</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mn}>112</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$. Physical Review C, 2017, 96, .	2.9	8
68	Experimental study of isomeric intruder 12+ states in $^{197,203}\text{At}$. Physical Review C, 2017, 95, .	2.9	7
69	Lifetime measurements of excited states in ^{162}W and ^{162}Bi $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mmultiscripts}><\text{mml:mi}>W</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mn}>162</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$ and $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mmultiscripts}><\text{mml:mi}>\text{Bi}</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mn}>162</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$	2.9	5
70	Detailed spectroscopy of ^{195}Bi $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"}<\text{mml:mmultiscripts}><\text{mml:mi}>\text{Bi}</\text{mml:mi}><\text{mml:mprescripts}>/><\text{mml:none}/><\text{mml:mn}>195</\text{mml:mn}></\text{mml:mmultiscripts}></\text{mml:math}>$. Physical Review C, 2017, 96, .	2.9	8
71	In-beam study of ^{253}No using the SAGE spectrometer. European Physical Journal A, 2017, 53, 1.	2.5	5
72	Decay spectroscopy of ^{97}Pb and evidence for a $9/2\hat{\alpha}$ intruder state in ^{181}Tl . Physical Review C, 2017, 96, .	2.9	3

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73	\hat{I}^2 -Decay Studies of r-Process Nuclei Using the Advanced Implantation Detector Array (AIDA)., 2017, , .		5
74	Twin GEM-TPC prototype (HGB4) beam test at GSI and jyvÅskylÃ â€” a development for the super-FRS at FAIR. , 2016, , .		1
75	Multiparticle configurations of excited states in ^{155}Lu from electromagnetic transition and proton-emission rates. Physical Review C, 2016, 94, .	2.9	11
76	Collective $2^+ 1$ excitations in ^{206}Po and $^{208,210}\text{Rn}$. European Physical Journal A, 2016, 52, 1.	2.5	8
77	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
78	Deformation of the proton emitter ^{113}Cs from electromagnetic transition and proton-emission rates. Physical Review C, 2016, 94, .	2.9	6
79	Excited states in the proton-unbound nuclide ^{114}Ba and ^{114}Xe .	2.9	22
80	Excited states in the proton-unbound nuclide ^{158}Ta . Physical Review C, 2016, 93, .	2.9	4
81	Lifetime measurements in ^{166}Re : Collective versus magnetic rotation. Physical Review C, 2016, 94, .	2.9	2
82	Evolving collective structures in the transitional nuclei ^{162}W and ^{164}Kr .	2.9	8
83	Excited states in ^{164}Kr and isospin symmetry in the shell nuclei. Physical Review C, 2016, 94, .	2.9	9
84	Confirmation of the new isotope ^{178}Pb . Physical Review C, 2016, 94, .	2.9	12
85	Identification of the 1^+_{β} state in ^{218}Ra populated via α -decay of ^{222}Th . Physical Review C, 2016, 94, .	2.9	5
86	Excited states and reduced transition probabilities in ^{168}Os . Physical Review C, 2016, 94, .	2.9	24
87	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
88	In-beam spectroscopic studies of shape coexistence and collectivity in the neutron-deficient $Z=82$ nuclei. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 024004.	3.6	30
89	Study of Intermediate-spin States of ^{98}Y . Acta Physica Polonica B, 2016, 47, 911.	0.8	2
90	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

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91	First identification of rotational band structures in ^{175}Re . Physical Review C, 2015, 92, .	2.9	3
92	Recoil-decay tagging spectroscopy of ^{162}W . Physical Review C, 2015, 92, .	2.9	6
93	Identification of a dipole band above the $\epsilon = 31/2\alpha^2$ isomeric state in ^{189}Pb . Physical Review C, 2015, 92, .	2.9	4
94	Lifetime measurement of the first excited 2^+ state in ^{112}Te . Physical Review C, 2015, 91, .	2.9	20
95	Collectivity in the light radon nuclei measured directly via Coulomb excitation. Physical Review C, 2015, 91, .	2.9	8
96	Detailed spectroscopy of ^{193}Bi . Physical Review C, 2015, 92, .	2.9	15
97	Deformation and mixing of coexisting shapes in neutron-deficient polonium isotopes. Physical Review C, 2015, 92, .	2.9	25
98	Spectroscopy of low-lying states in neutron-deficient astatine and francium nuclei. AIP Conference Proceedings, 2015, . .	0.4	0
99	Shapes and Collectivity in Neutron Deficient Even-Mass $^{188-198}\text{Pb}$ Isotopes. , 2015, . .		2
100	Do nuclei go pear-shaped? Coulomb excitation of ^{220}Rn and ^{224}Ra at REX-ISOLDE (CERN). EPJ Web of Conferences, 2015, 93, 01038.	0.3	0
101	Revisiting the Level Scheme of the Proton Emitter ^{151}Lu . , 2015, . .		0
102	Oblately deformed isomeric proton-emitting state in ^{151}Lu . Physical Review C, 2015, 91, .	2.9	14
103	Collective excitations in the transitional nuclei ^{201}At including the observation of a shears band and the 2^+ state. Physical Review C, 2015, 91, .	2.9	15
104	Competing Decay Modes of a High-spin Isomer in the Proton-unbound Nucleus ^{158}Ta . Acta Physica Polonica B, 2015, 46, 695.	0.8	2
105	Collective excitations in the transitional nuclei ^{163}Re and ^{165}Re . Physical Review C, 2015, 91, .	2.9	6
106	First observation of superdeformed states in ^{191}Bi . European Physical Journal A, 2015, 51, 1.	2.5	7
107	High-spin states beyond the proton drip-line: Quasiparticle alignments in ^{113}Cs . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 243-249.	4.1	5
108	Spectroscopy of Very Heavy Elements at and Beyond the Limits. , 2015, . .		0

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109	Investigation into the Effects of Deformation on Proton Emission Rates via Lifetime Measurements. , 2015, , .		0
110	EXPERIMENTS AT THE FRONTIERS OF NUCLEAR PHYSICS: THE EXPERIMENTAL PROGRAM OF THE SUPER-FRS COLLABORATION. , 2015, , .		2
111	Spectroscopy of ^{161}Hf from low to high spin. Physical Review C, 2014, 90, .	2.9	2
112	Shape coexistence in neutron-deficient Hg isotopes studied via lifetime measurements in ^{184}Hg and ^{186}Hg . Physical Review C, 2014, 89, .	2.9	36
113	Blurring the Boundaries: Decays of Multiparticle Isomers at the Proton Drip Line. Physical Review Letters, 2014, 112, 092501.	7.8	30
114	Spectroscopy on the proton drip-line: Probing the structure dependence of isospin nonconserving interactions. Physical Review C, 2014, 90, .	2.9	17
115	Shape Coexistence in the Neutron-Deficient Even-Even ^{182}Hg and ^{188}Hg . Physical Review Letters, 2014, 112, 162701.	7.8	96
116	Experimental investigation of the ^{165}Os band in ^{163}Os . Physical Review C, 2014, 89, .	2.9	14
117	Experimental investigation of the ^{165}Os band in ^{163}Os . Physical Review C, 2014, 89, .	2.9	14
118	Band in ^{154}Sm . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 707, 143-148.	4.1	13
119	Spectroscopy of ^{193}Bi . EPJ Web of Conferences, 2014, 66, 02047.	0.3	2
120	Determination of the $B(E3, 0^+ \rightarrow 3^+)$ -excitation strength in octupole-correlated nuclei near ^{224}Ac by the means of Coulomb excitation at REX-ISOLDE. Journal of Physics: Conference Series, 2014, 533, 012007.	0.4	2
121	Proton emission from an oblate nucleus ^{151}Lu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 79-84.	4.1	25
122	Isomer-tagged differential-plunger measurements in ^{54}Xe . Physical Review C, 2013, 87, .	2.9	9
123	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
124	Studies of pear-shaped nuclei using accelerated radioactive beams. Nature, 2013, 497, 199-204.	27.8	268
125	Low-lying excited states in the neutron-deficient isotopes ^{163}Os and ^{165}Os . Physical Review C, 2013, 87, .	2.9	6
126	The Miniball spectrometer. European Physical Journal A, 2013, 49, 1.	2.5	126

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127	γ -ray and decay spectroscopy of ^{194}Fr and ^{195}Fr . <i>Physical Review Letters</i> , 2013, 106, 012501.	2.9	17
128	Decay studies of the francium isotopes ^{198}Fr and ^{199}Fr . <i>Physical Review Letters</i> , 2013, 106, 012502.	2.9	29
129	Isospin-breaking effect in the ^{133}Ba nucleus. <i>Physical Review Letters</i> , 2013, 106, 012503.	2.9	13
130	Competing single-particle and collective states in the low-energy structure of ^{113}I . <i>Physical Review C</i> , 2013, 88, .	2.9	3
131	Enhancing the sensitivity of recoil-beta tagging. <i>Journal of Instrumentation</i> , 2013, 8, P04025-P04025.	1.2	10
132	First prompt in-beam γ -ray spectroscopy of a superheavy element: the ^{256}Rf . <i>Journal of Physics: Conference Series</i> , 2013, 420, 012010.	0.4	0
133	Transition probability studies in ^{175}Au . <i>Journal of Physics: Conference Series</i> , 2013, 420, 012047.	0.4	2
134	Prompt gamma ray-spectroscopy of $N=50$ fission fragments. <i>EPJ Web of Conferences</i> , 2013, 62, 01005.	0.3	6
135	Coulomb excitation of re-accelerated ^{208}Rn and ^{206}Po beams. <i>EPJ Web of Conferences</i> , 2013, 63, 01009.	0.3	5
136	Prompt γ -ray spectroscopy of the neutron-rich ^{124}Cd . <i>EPJ Web of Conferences</i> , 2013, 62, 01004.	0.3	4
137	IN-BEAM γ -RAY SPECTROSCOPY ABOVE THE HIGH-SPIN ISOMERIC STATE IN ^{155}Lu . , 2013, , .		0
138	MEASUREMENTS OF TRANSITION RATES IN Hg, Pb AND Po NUCLEI: STUDIES OF COLLECTIVITY AND CONFIGURATION MIXING. , 2013, , .		0
139	A NEW PLUNGER DEVICE FOR INVESTIGATING THE EFFECTS OF DEFORMATION ON PROTON EMISSION RATES VIA LIFETIME MEASUREMENTS. , 2013, , .		0
140	EVOLUTION OF NUCLEAR STRUCTURE IN NEUTRON-DEFICIENT Pb ISOTOPES. , 2013, , .		0
141	Shell Structure and Pairing Interaction in Superheavy Nuclei: Rotational Properties of the $Z=104$ Nucleus. <i>Physical Review Letters</i> , 2012, 109, 012501.	7.8	59
142	X(5) critical-point symmetries in ^{138}Gd . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012062.	0.4	2
143	First observation of excited states of ^{173}Hg . <i>Physical Review C</i> , 2012, 85, .	2.9	5
144	In-beam spectroscopy with intense ion beams: Evidence for a rotational structure in ^{246}Fm . <i>Physical Review C</i> , 2012, 85, .	2.9	17

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145	Electromagnetic transition strengths in ^{52}Te . Characterizing the atomic mass surface beyond the proton drip line via ^{109}Te decay measurements of the ^{109}Te isomer. Physical Review C, 2011, 83, .	2.9	11
146	^{109}Te decay measurements of the ^{109}Te isomer. Physical Review C, 2011, 83, .	2.9	9
147	A new plunger device to measure lifetimes of unbound states in tagged exotic nuclei. Journal of Physics: Conference Series, 2012, 381, 012123.	0.4	0
148	The isomeric structure of ^{132}Pr . Journal of Physics: Conference Series, 2012, 381, 012126.	0.4	0
149	Identification of isomeric states in the $N=73$ neutron-deficient nuclei ^{132}Pr and ^{130}La . Physical Review C, 2012, 86, .	2.9	5
150	Plasma instability in the afterglow of electron cyclotron resonance discharge sustained in a mirror trap. Physics of Plasmas, 2012, 19, 122501.	1.9	25
151	In-beam conversion-electron spectroscopy of ^{180}Hg . Physical Review C, 2011, 84, .	2.9	16
152	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
153	Discovery of a ^{10}I isomer in ^{56}I . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 118-122.	4.1	22
154	Decay of the high-spin isomer in ^{160}Re : Changing single-particle structure beyond the proton drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 78-81.	4.1	17
155	Probing the Collective Degrees of Freedom at the Proton Drip Line in the Extremely Neutron Deficient ^{172}Hg . , 2011, . .		0
156	Lifetime measurement in the proton-unbound nucleus ^{109}I . , 2011, . .		3
157	A new differential plunger to measure lifetimes of unbound states in tagged exotic nuclei. , 2011, . .		2
158	The influence of quasineutron configurations on ^{161}Ta and nearby odd-A nuclei. , 2011, . .		0
159	Discovery of a ^{10}I isomer in ^{56}I . Physical Review C, 2011, 83, .	2.9	5
160	Lifetime measurements probing triple shape coexistence in ^{175}Au . Physical Review C, 2011, 84, .	2.9	9
161	Precision measurements of proton emission from the ground states of ^{156}Ta and ^{156}Re . Physical Review C, 2011, 83, .	2.9	24
162	High-spin study of ^{162}Ta . Physical Review C, 2011, 84, .	2.9	2

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163	\hat{I}^3 -soft shapes and quasiparticle excitations in $^{73}161\text{Ta}$. Physical Review C, 2011, 83, .	2.9	13
164	Combined in-beam electron and γ -ray spectroscopy of ^{186}Hg . Physical Review C, 2011, 84, .	2.9	29
165	Discovery of the first excited γ -state in ^{108}Te . Physical Review C, 2011, 84, .	2.9	29
166	Lifetime measurements in the transitional nucleus ^{138}Cd . Physical Review C, 2011, 84, .	2.9	4
167	γ -ray spectroscopy of the ^{85}N isotope. Physical Review C, 2011, 84, .	2.9	1
168	Investigation of ^{246}Fm : in-beam spectroscopy at the limits. , 2011, , .		0
169	Discovery of ^{157}W and ^{161}Os . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 15-18.	4.1	21
170	Isomeric and ground-state properties of ^{171}Pt . Physical Review C, 2010, 81, .	2.9	13
171	Competing quasiparticle configurations in ^{163}W . Physical Review C, 2010, 81, .	2.9	12
172	High-spin intruder band in ^{107}In . Physical Review C, 2010, 81, .	2.9	10
173	Lifetimes of odd-spin yrast states in ^{182}Hg . Physical Review C, 2010, 81, .	2.9	24
174	Lifetime Measurements and Coulomb Excitation of Light Hg Nuclei. , 2009, , .		4
175	Spectroscopy of the neutron-deficient nucleus ^{167}Os . Physical Review C, 2009, 80, .	2.9	6
176	Collectivity of ^{196}Po . Physical Review C, 2009, 80, .	2.9	15
177	^{204}Pm isomeric state in doubly odd ^{1134}Pm . Physical Review C, 2009, 80, .	2.9	7
178	First observation of excited states in ^{172}Hg . Physical Review C, 2009, 79, .	2.9	14
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