

Torben Lauritsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6969703/publications.pdf>

Version: 2024-02-01

164
papers

2,906
citations

172457

29
h-index

233421

45
g-index

164
all docs

164
docs citations

164
times ranked

1364
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of 52,54Ti and shell closures in neutron-rich nuclei above 48Ca. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 55-62. Collectivity at $\langle N \rangle = 40$ in neutron-rich	4.1	176
2	Observation of Octupole Structures in Radon and Radium Isotopes and Their Contrasting Behavior at High Spin. Physical Review Letters, 1997, 78, 2920-2923.	2.9	107
3	Evidence for rigid triaxial deformation at low energy in $\langle Z \rangle = 76$ Ge. Physical Review C, 2013, 87, .	7.8	87
4	Development of shell closures at $N=32,34$. II. Lowest yrast excitations in even-even Ti isotopes from deep-inelastic heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	82
5	Transverse Wobbling in $\langle Z \rangle = 135$ Pr. Physical Review Letters, 2015, 114, 082501.	7.8	79
6	Decay to Doubly Magic $\langle Z \rangle = 100$ Sn. Physical Review Letters, 2015, 114, 082501.	7.8	76
7	Level structure of the neutron-rich Cr 56,58,60 isotopes: Single-particle and collective aspects. Physical Review C, 2006, 74, .	2.9	75
8	Yrast structures in the neutron-rich isotopes $\langle Z \rangle = 59$ Fe and $\langle Z \rangle = 60$ Ni. Spectroscopic study of the $\langle Z \rangle = 64$ isotopes populated in $\langle Z \rangle = 64$ Ni.	2.9	52
9	Evolution of shapes in $\langle Z \rangle = 59$ Cu. European Physical Journal A, 2002, 14, 317-348.	2.5	46
10	$\langle Z \rangle = 58$ decay and isomeric properties of neutron-rich Ca and Sc isotopes. Physical Review C, 2010, 82, .	2.9	43
11	Influence of the $\langle Z \rangle = 9$ and $\langle Z \rangle = 10$ Physical Review C, 2012, 85, .	2.9	42
12	Structure of two-, four-, and six-quasiparticle isomers in Yb 174 and K-forbidden decays. Physical Review C, 2005, 71, .	2.9	41
13	Level structure of $\langle Z \rangle = 26$ and its implications for the astrophysical reaction rate of $\langle Z \rangle = 26$. Physical Review C, 2007, 75, .	2.9	41
14	Feeding of superdeformed bands: The mechanism and constraints on band energies and the well depth. Physical Review Letters, 1992, 69, 2479-2482.	7.8	37
15	New low-energy and shape coexistence in $\langle Z \rangle = 9$ Ni. Physical Review Letters, 2015, 92, .	2.9	37
16	Longitudinal Wobbling Motion in $\langle Z \rangle = 187$ Au. Physical Review Letters, 2020, 124, 052501.	7.8	37

#	ARTICLE	IF	CITATIONS
19	Structure of neutron-rich tungsten nuclei and evidence for a 10^{-6} s isomer in ^{108}W . Physical Review C, 2006, 73, . Influence of the 10^{-6} s isomer on level structures of neutron-rich $Z=60$ nuclei. Physical Review C, 2010, 81, 044301. Lifetime of the 10^{-6} s isomer in ^{108}W . Physical Review C, 2010, 81, 044302.	2.9	36
20	Structure of neutron-rich tungsten nuclei and evidence for a 10^{-6} s isomer in ^{108}W . Physical Review C, 2006, 73, .	2.9	35
21	Structure of neutron-rich tungsten nuclei and evidence for a 10^{-6} s isomer in ^{108}W . Physical Review C, 2006, 73, .	2.9	35
22	Yrast structure of ^{64}Fe . Physical Review C, 2006, 74, . Fission Barrier of Superheavy Nuclei and Persistence of Shell Effects at High Spin: Cases of $^{264}\text{114}$ and $^{264}\text{116}$. Physical Review C, 2006, 74, .	2.9	34
23	Evidence for Rigid Triaxial Deformation in ^{254}No and ^{254}Lr . Physical Review C, 2006, 74, .	7.8	34
24	Evidence for Rigid Triaxial Deformation in ^{254}No and ^{254}Lr . Physical Review C, 2006, 74, .	7.8	34
25	Higher-seniority excitations in even neutron-rich Sn isotopes. Physical Review C, 2014, 89, .	2.9	31
26	Single-particle and collective degrees of freedom in ^{101}Zr and ^{105}Mo . Physical Review C, 2006, 73, .	2.9	30
27	Influence of the 10^{-6} s isomer on level structures of neutron-rich $Z=60$ nuclei. Physical Review C, 2010, 81, 044301.	2.9	30
28	Lifetime of the 10^{-6} s isomer in ^{108}W . Physical Review C, 2010, 81, 044302.	2.9	30
29	Experimental determination of the excitation energy of superdeformed bands in ^{192}Hg and ^{194}Hg by analysis of the decay quasicontinuum β rays. Physical Review C, 2000, 62, . Masses and ^{12}C -Decay Spectroscopy of Neutron-Rich Odd-Odd ^{160}Gd and ^{162}Gd . Physical Review C, 2010, 81, 044303.	2.9	29
30	Masses and ^{12}C -Decay Spectroscopy of Neutron-Rich Odd-Odd ^{160}Gd and ^{162}Gd . Physical Review C, 2010, 81, 044303.	7.8	29
31	Multiple octupole-type band structures in ^{220}Th : Reflection-asymmetric tidal waves?. Physical Review C, 2006, 74, .	2.9	28
32	Level structure of ^{92}Rh : Implications for the two-proton decay of ^{92}Ag . Physical Review C, 2006, 74, .	2.9	28
33	Implications for the two-proton decay of ^{92}Ag . Physical Review C, 2006, 74, .	2.9	28
34	the onset of $^{1/2}g$ cross-shell interactions via terminating configurations in ^{42}Sc and ^{43}Sc . Physical Review C, 2007, 75, .	2.9	26
35	Nuclear shapes of highly deformed bands in ^{171}Hf , ^{172}Hf and neighboring Hf isotopes. Physical Review C, 2007, 76, .	2.9	26
36	Rotation-aligned coupling in ^{61}Fe . Physical Review C, 2008, 77, .	2.9	26

#	ARTICLE	IF	CITATIONS
37	High-spin spectroscopy in ^{125}Xe . Physical Review C, 2011, 83, .	2.9	26
38	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
39	Lifetime of the $K^{\pi} = 0^+_{g.s.}$ in the neutron-rich nucleus ^{70}Er . Physical Review C, 2009, 79, .	2.9	25
40	Triaxial-band structures, chirality, and magnetic rotation in ^{133}La . Physical Review C, 2016, 94, .	2.9	25
41	Spectroscopy of $^{193,195,197}\text{Po}$. Physical Review C, 1997, 56, 723-728.	2.9	24
42	Identification of the $g_{9/2}$ bands in the neutron-rich ^{168}Ga . Physical Review C, 2007, 75, .	2.9	24
43	Single structures and isomers in ^{168}Er . Physical Review C, 2007, 75, .	2.9	24
44	Shape Coexistence at Zero Spin in ^{64}Ni . Physical Review Letters, 2020, 125, 102502.	7.8	24
45	Rotational damping, ridges, and the quasicontinuum of \hat{I}^3 rays in ^{152}Dy . Physical Review C, 2007, 75, .	2.9	23
46	Electromagnetic transition rates in high-spin bands in ^{136}Nd . Physical Review C, 2008, 78, .	2.9	23
47	Nature of $0^+_{g.s.}$ excitations near $N = 40$: Level structure of ^{67}Ni . Physical Review C, 2012, 85, .	2.9	23
48	Spectroscopy of ^{192}Po . Physical Review C, 1997, 55, 1724-1729.	2.9	22
49	Seniority, collectivity, and $B(E2)$ in ^{72}Ni . Physical Review C, 2009, 79, .	2.9	22
50	Doubly magic ^{208}Pb : High-spin states, isomers, and $E(3^-)$ collectivity in the yrast decay. Physical Review C, 2017, 95, .	2.9	21
51	Parity doubling in ^{219}Th and the onset of collectivity above $N = 126$. Physical Review C, 2009, 80, .	2.9	20
52	High-spin proton alignments and coexisting coupling schemes in ^{168}Hf . Physical Review C, 2009, 80, .	2.9	20
53	Three-valence-particle fission product ^{135}Sb . European Physical Journal A, 1998, 3, 109-110.	2.5	18
54	Triaxial strongly deformed bands in $^{160,161}\text{Tm}$. Physical Review C, 2008, 78, .	2.9	18

#	ARTICLE	IF	CITATIONS
55	<p>Non-yrast positive-parity structures in the ^{19}Cu soft nucleus</p> <p>Tracking γ rays in highly segmented HPGe detectors: A review of AGATA and GRETINA. European Physical Journal A, 2019, 55, 1.</p>	2.9	18
56	Proton decay of ^{108}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
57	K-Mixing and fast decay of a seven-quasiparticle isomer in ^{179}Ta . European Physical Journal A, 2004, 22, 23-27.	2.5	17
58	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
59	Non-yrast positive-parity structures in the ^{156}Er single-particle and collective excitations	2.9	16
60	Single-particle and collective excitations in ^{156}Er	2.9	16
61	Lifetime measurements of triaxial strongly deformed bands in ^{163}Tm . Physical Review C, 2007, 75, .	2.9	15
62	Yrast structure of ^{206}Bi : Isomeric states and one-proton-particle, three-neutron-hole excitations. Physical Review C, 2012, 86, .	2.9	15
63	Characterization of a gamma-ray tracking array: A comparison of GRETINA and Gammasphere using a ^{60}Co source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 836, 46-56.	1.6	15
64	Sequence in ^{78}Ge	7.8	15
65	Spherical and deformed structures in ^{189}Pb . Physical Review C, 2005, 71, .	2.9	14
66	Decay properties of high-spin isomers and other structures in ^{121}Sb and ^{123}Sb . Physical Review C, 2009, 79, .	2.9	14
67	Multi-quasiparticle isomers involving proton-particle and neutron-hole configurations in ^{131}I and ^{133}I . Physical Review C, 2009, 79, .	2.9	14
68	Characterization of octupole-type structures in ^{221}Th . Physical Review C, 2014, 90, .	2.9	14
69	High-lying, non-yrast shell structure in ^{52}Ti	2.9	13
70	Connections between high- K and low- K states in the ^{97}Zr nucleus	2.9	13
71	Connections between high- K and low- K states in the ^{97}Zr nucleus	2.9	13
72	Connections between high- K and low- K states in the ^{97}Zr nucleus	2.9	13

#	ARTICLE	IF	CITATIONS
73	Multi-intruder structures in $\langle \text{mml:msup} \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 34 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ P. Physical Review C, 2012, 85, .	2.9	13
74	Two-neutron and core-excited states in $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Pb} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 210 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 70 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$: Tracing collectivity and evidence for a new structure of $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 70 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -decaying isomer. Physical Review C, 2019, 99, .	2.9	13
75	Single-particle and collective degrees of freedom. Physical Review C, 2019, 99, .	2.9	13
76	Isospin symmetry in the odd-odd mirror nuclei $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ni} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 62 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ $^{44}\text{V}/^{44}\text{Sc}$. Physical Review C, 2011, 84, .	2.9	12
77	Multiple band structures in $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ni} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 62 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Search for the wobbling mode in $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Re} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 169 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Residual-interaction analysis of structures in $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Re} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 169 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Re, and	2.9	12
78	Single-particle and collective excitations in $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 62 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2016, 94, .	2.9	12
79	Shell-model states with seniority $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 62 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ 5, and 7 in odd- $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 62 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ neutron-rich Sn isotopes. Physical Review C, 2016, 93, .	2.9	12
80	Prolate yrast cascade in ^{183}Tl . Physical Review C, 2000, 61, .	2.9	11
81	Shape coexistence and band crossings in ^{174}Pt . Physical Review C, 2004, 70, .	2.9	11
82	\hat{I}^3 -ray spectroscopy of the odd-odd $N=Z+2$ deformed proton emitter ^{112}Cs . Physical Review C, 2012, 85, .	2.9	11
83	High-spin yrast structure of ^{204}Hg from the decay of a four-hole ^{204}Hg from the $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 204 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ from the decay of a	2.9	11
84	Rotation-aligned isomer and oblate collectivity in ^{196}Pt . Physical Review C, 2015, 92, .	2.9	11
85	Population and decay of superdeformed nuclei probed by discrete and quasi-continuum $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 204 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -ray spectroscopy. Progress in Particle and Nuclear Physics, 2016, 89, 137-186.	14.4	11
86	Deformed negative-parity excitations in ^{71}As . Physical Review C, 1999, 59, 2919-2922.	2.9	10
87	High-spin structure, K-isomers, and state mixing in the neutron-rich isotopes ^{173}Tm and ^{175}Tm . Physical Review C, 2012, 86, .	2.9	10
88	Revised level structure of ^{120}Te . Physical Review C, 2014, 90, .	2.9	10
89	Role of the $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 204 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ in the development of collectivity in the $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 204 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ The case of $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 204 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2015, 91, .	2.9	10
90	The case of $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{E} \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 204 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2015, 91, .	2.9	10

#	ARTICLE	IF	CITATIONS
109	Band crossings in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal" \rangle Ta \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 166 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2010, 82.	2.9	6
110	Configurations and decay hindrances of high- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ states in $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Hf} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 180 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2016, 94, .	2.9	6
111	Yrast excitations in ^{191}Pb . Zeitschrift für Physik A, 1997, 359, 7-8.	0.9	5
112	Identification of $\text{mathrm}\{ensuremath J^{\pi} = 19/2^{+}\}$ and $\text{mathrm}\{ensuremath 23/2^{+}\}$ isomeric states in ^{127}Sb . European Physical Journal A, 2009, 42, 163.	2.5	5
113	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \sim \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 44 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \hat{a}, \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ in the odd-odd nucleus $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 154 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="bold" \rangle Er} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2013, 88, .	2.9	5
114	High-spin yrast structure of ^{159}Ho . Physical Review C, 2011, 84, .	2.9	5
115	Quadrupole moments of coexisting collective shapes at high spin in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 154 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="bold" \rangle Er} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2013, 88, .	2.9	5
116	High-spin structure of odd-odd ^{172}Re . Physical Review C, 2014, 90, .	2.9	5
117	Population and decay of a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ isomer in $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Pu} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 244 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2016, 94, .	2.9	5
118	One-neutron transfer study of ^{137}Xe and systematics of $13/21^{+}$ and $13/22^{+}$ levels in $N=83$ nuclei. Physical Review C, 2016, 94, .	2.9	5
119	Search for Nova Presolar Grains: $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \text{I}^{\nu} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Ray Spectroscopy of $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ar} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 25 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \hat{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Level structure of the $\langle \text{mml:math} \rangle$ nucleus $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{z} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ar} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 34 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ and its relevance for nucleosynthesis in One novae. Physical Review C, 2021, 103, .	2.9	5
120	Reaction and its influence on the flux of cosmic $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \hat{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ rays from $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ar} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 25 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle \langle \text{mml:mi} \rangle \hat{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Single-particle and dipole excitations in $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Co} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 62 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2022, 105, .	2.9	5
121	Properties of excited states in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal" \rangle Ge} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 77 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. Physical Review C, 2009, 80, .	2.9	4
122	MULTI-QUASIPARTICLE ISOMERS INVOLVING PROTON-PARTICLE AND NEUTRON-HOLE CONFIGURATIONS IN ^{131}I AND ^{133}I . Modern Physics Letters A, 2010, 25, 1800-1803.	1.2	4
123	NEW STRUCTURES IN ^{178}Hf AND COULOMB EXCITATION OF ISOMERS. International Journal of Modern Physics E, 2011, 20, 474-481.	1.0	4
124	High-spin proton alignments and evidence for a second band with enhanced deformation in $\langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 171 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ Hf. Physical Review C, 2012, 85, .	2.9	4

#	ARTICLE	IF	CITATIONS
127	In-beam \hat{I}^3 -ray spectroscopy of Mn63. Physical Review C, 2016, 93, .	2.9	4
128	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -ray spectroscopy of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ti} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ Physical Review C, 2017, 95, .	2.9	4
129	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Mg} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ reaction and its influence on the MgAl cycle in astrophysical environments. Physical Review C, 2022, .	2.9	4
130	Isomers in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ti} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ and core excitations built on a five-nucleon-hole structure. Physical Review C, 2022, 105, .	2.9	4
131	Coulomb excitation of the 242m Am isomer. Laser Physics, 2007, 17, 745-750.	1.2	3
132	Possible deformation evolution in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle i \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 13 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle i \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 171 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Re}$. Physical Review C, 2013, 88, .	2.9	3
133	Shape coexistence in 67Co, 66,68,70,72Ni, and 71Cu. AIP Conference Proceedings, 2015, , .	0.4	3
134	First observation of rotational structures in Re168. Physical Review C, 2016, 94, .	2.9	3
135	Measuring the entry distribution and the quasi-continuum of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 13 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ rays with tracking arrays. Physica Scripta, 2017, 92, 074002.	2.5	3
136	Onset of high-spin rotational bands in the N=Z nucleus Ga62. Physical Review C, 2020, 102, .	2.9	3
137	Emergence of an island of extreme nuclear isomerism at high excitation near 208Pb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137262.	4.1	3
138	FIRST \hat{I}^3 -RAY SPECTROSCOPY AND ISOSPIN SYMMETRY STUDY OF THE N = Z - 2 NUCLEUS $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 44 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{V}$. Modern Physics Letters A, 2010, 25, 2028-2029.	1.2	2
139	Multiquasiparticle states in the neutron-rich nucleus 174Tm. Physical Review C, 2013, 88, .	2.9	2
140	Possible quenching of static neutron pairing near the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 98 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle$ deformed shell gap: Rotational structures in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Gd} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$	2.9	2
141	Decay-Out Of Superdeformed Bands By Coupling To Ordered Or Chaotic Spectra. AIP Conference Proceedings, 2005, , .	0.4	1
142	Single-particle and collective excitations in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Zn} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ Physical Review C, 2022, 105, .	2.9	1
143	The Argonne Fragment Mass Analyzer and measurements of entry distributions. AIP Conference Proceedings, 2001, , .	0.4	0
144	Possible triaxial superdeformation in 174Hf. AIP Conference Proceedings, 2002, , .	0.4	0

#	ARTICLE	IF	CITATIONS
145	Limits Of The Energy-Spin Phase Space Beyond The Proton Drip Line: Entry Distributions Of Pt And Au Isobars. AIP Conference Proceedings, 2003, , .	0.4	0
146	Order to Chaos Properties of the Decay-out Gamma Rays from Superdeformed Bands. AIP Conference Proceedings, 2004, , .	0.4	0
147	Heavy ion radiative capture: $^{12}\text{C}(^{12}\text{C},\hat{p}^3)$. AIP Conference Proceedings, 2004, , .	0.4	0
148	Search For Wobbling Excitations In Hf Nuclei: Are The SD Bands Triaxial?. AIP Conference Proceedings, 2005, , .	0.4	0
149	Spherical And Deformed Structures In ^{189}Pb . AIP Conference Proceedings, 2005, , .	0.4	0
150	Structure Of Multi-Quasiparticle Isomers In The Region Of ^{177}Lu . AIP Conference Proceedings, 2005, , .	0.4	0
151	SHELL MODEL STATES IN NEUTRON-RICH Ca AND Ar NUCLEI. , 2008, , .		0
152	Indirect nuclear physics techniques for studying nova nucleosynthesis. , 2009, , .		0
153	Nuclear structure studies along the proton dripline at ATLAS. , 2011, , .		0
154	Low-spin structure of the N=82 nucleus ^{137}Cs . Physical Review C, 2018, 98, .	2.9	0
155	Low-, medium-, and high-spin states in the N=Z+1 nucleus ^{63}Ga . Physical Review C, 2021, 103, .	2.9	0
156	MAGIC NUCLEUS ^{132}Sn AND N = 81 ISOTONES ^{131}Sn , ^{132}Sb , ^{133}Te . , 2002, , .		0
157	HEAVY ION RADIATIVE CAPTURE: A STUDY OF THE $^{12}\text{C}(^{12}\text{C},\hat{p}^3)$ REACTION USING A LARGE GERMANIUM DETECTOR ARRAY. , 2002, , .		0
158	COLLECTIVE STRUCTURES IN THE DOUBLY MAGIC NUCLEUS ^{40}Ca . , 2003, , .		0
159	YRAST STRUCTURE OF NEUTRON-RICH N=31,32 TITANIUM NUCLEI \hat{a}^{ϵ} SUBSHELL CLOSURE AT N=32. , 2005, , .		0
160	NEW YRAST STATES IN NUCLEI FROM THE ^{48}Ca REGION STUDIED WITH DEEP-INELASTIC HEAVY ION REACTIONS. , 2005, , .		0
161	REARRANGEMENT OF PROTON SINGLE PARTICLE ORBITALS IN NEUTRON-RICH POTASSIUM ISOTOPES \hat{a}^{ϵ} SPECTROSCOPY OF ^{48}K . , 2008, , .		0
162	STRUCTURE OF $^{\langle\text{font}\rangle\text{FE}\langle/\text{font}\rangle}$ ISOTOPES AT THE LIMITS OF THE $^{\langle\text{font}\rangle\text{pf}\langle/\text{font}\rangle}$ -SHELL. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
163	EXOTIC BEHAVIOR AT ULTRAHIGH SPIN VALUES IN LIGHT RARE-EARTH N~90 NUCLEI. , 2013, , . <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi> \hat{I} ² </mml:mi><mml:msub><mml:mi>t</mml:mi></mml:msub><mml:mi></mml:mi></mml:mrow></mml:math> structures in <mml:math		0
164	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sm</mml:mi><mml:mprescripts </><mml:none /><mml:mn>155</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Gd</mml:mi></mml:math> Rev	0	0