

## List of Publications by Year in descending order

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117  
papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Decay Half-Lives of 110 Neutron-rich Nuclei across the N=82 Shell Gap: Implications for the Mechanism and Universality of the Astrophysical Isomers in neutron-rich A=190 nuclides from 208Pb fragmentation. European Physical Journal A, 2005, 23, 201-215.	7.8	167
2	Isomers in neutron-rich A=190 nuclides from 208Pb fragmentation. European Physical Journal A, 2005, 23, 201-215.	2.5	94
3	Shape evolution in neutron-rich tungsten isotopes. Physical Review C, 2009, 81, 014301.	2.9	69
4	Decay of the proton-hole state in the neutron-rich nucleus $^{194}\text{Rb}$ . Physical Review Letters, 2014, 113, 112501.	7.8	68
5	Decay Half-Lives of Neutron-Rich $^{137}\text{Cs}$ and $^{138}\text{Cs}$ Isomers. Physical Review Letters, 2014, 113, 112501.	7.8	68
6	Long-lived isomers in neutron-rich $Z=76$ nuclides. Physical Review C, 2012, 86, 014301.	2.9	57
7	Yrast states in $^{194}\text{Os}$ : The prolate-oblate transition region. Physical Review C, 2000, 63, 014301.	2.9	54
8	Advances in the Direct Study of Carbon Burning in Massive Stars. Physical Review Letters, 2020, 124, 192701.	7.8	53
9	Proton-Hole State in the Neutron-Rich Nucleus $^{194}\text{Rb}$ . Physical Review Letters, 2014, 113, 112501.	7.8	51
10	Delayed Neutron Emitting Isotopes Beyond $Z=82$ . Physical Review Letters, 2016, 117, 012501.	7.8	50
11	Delayed Neutron Emitting Isotopes Beyond $Z=82$ . Physical Review Letters, 2016, 117, 012501.	7.8	47
12	STRUCTURE OF NEUTRON-RICH NUCLEI FROM DEEP INELASTIC REACTIONS. International Journal of Modern Physics E, 2004, 13, 123-126.	1.0	45
13	First Spectroscopy of the Neutron-Rich Nucleus $^{110}\text{Kr}$ . Physical Review Letters, 2017, 118, 032501.	7.8	44
14	Are There Signatures of Harmonic Oscillator Shells Far from Stability? First Spectroscopy of the Neutron-Rich Nucleus $^{110}\text{Zr}$ . Physical Review Letters, 2017, 118, 032501.	7.8	41
15	Shape evolution in the neutron-rich tungsten region. Physical Review C, 2005, 72, 014301.	2.9	40
16	Enhanced $\beta$ -Ray Emission from Neutron Unbound States Populated in $^{110}\text{Kr}$ . Physical Review Letters, 2015, 115, 062502.	7.8	37
17	Survey of $E1$ transitions in the mass $A=40$ region. Physical Review C, 2004, 69, 014301.	2.9	36
18	Spectroscopic calculations of the low-lying structure in exotic Os and W isotopes. Physical Review C, 2011, 83, 014301.	2.9	35

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19	Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.	2.5	32
20	A new $\frac{1}{4}s$ isomer in $^{136}\text{Sb}$ produced in the projectile fission of $^{238}\text{U}$ . European Physical Journal A, 2001, 11, 9-13.	2.5	31
21	Structure of $^{208}\text{Pb}$ Isomeric states in $^{208}\text{Pb}$ . Anomalies in the Charge Yields of Fission Fragments from the $^{238}\text{U}$ nucleus. Physical Review Letters, 2013, 110, 122502.	2.9	31
22	Delayed alignments in the $N=84$ Mo and $^{88}\text{Ru}$ . Physical Review C, 2002, 65, .	7.8	30
23	Binary-reaction spectroscopy of $^{99,100}\text{Mo}$ : Intruder alignment systematics in $N=57$ and $N=58$ isotones. Physical Review C, 2003, 68, .	2.9	29
24	Isomeric decay of $^{67}\text{Fe}$ – Evidence for deformation. European Physical Journal A, 2003, 16, 51-54.	2.5	25
25	Direct Observation of Long-Lived Isomers in $^{212}\text{Bi}$ . Physical Review Letters, 2013, 110, 122502.	7.8	25
26	ISOMERIC DECAY STUDIES IN NEUTRON-RICH $^{126}\text{N}$ NUCLEI. International Journal of Modern Physics E, 2009, 18, 1002-1007.	1.0	24
27	Monopole-Driven Shell Evolution below the Doubly Magic Nucleus $^{132}\text{Sn}$ . Physical Review Letters, 2020, 124, 062501.	7.8	24
28	Nucleus $^{88}\text{Ru}$ . Physical Review Letters, 2020, 124, 062501.	7.8	24
29	Shape-driving effects in the triaxial nucleus, $^{128}\text{Xe}$ . Physical Review C, 2006, 74, .	2.9	23
30	FIRST RESULTS WITH THE RISING ACTIVE STOPPER. International Journal of Modern Physics E, 2008, 17, 8-20.	1.0	23
31	Shape evolution in the neutron-rich osmium isotopes: Prompt $\gamma$ -ray spectroscopy of $^{196}\text{Os}$ . Physical Review Letters, 2013, 110, 122502.	2.9	23
32	Decay half-lives and $\beta$ -delayed neutron emission probabilities for several isotopes of Au, Hg, Tl, Pb, and Bi, beyond doubly magic $^{208}\text{Pb}$ . Physical Review Letters, 2017, 118, 062501.	2.9	22
33	Doubly magic $^{208}\text{Pb}$ : High-spin states, isomers, and $E_3$ collectivity in the yrast decay. Physical Review C, 2017, 95, .	2.9	21
34	New $\frac{1}{4}s$ isomers in the neutron-rich $^{210}\text{Hg}$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.	4.1	18
35	First Exploration of Neutron Shell Structure below Lead and beyond $^{126}\text{N}$ . Physical Review Letters, 2020, 124, 062502.	7.8	18

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37	Band terminations in the nucleus $^{46}\text{Ti}$ . Physical Review C, 2003, 67, .	2.9	17
38	High-spin behavior of multiple bands in the $N=Z+1$ nucleus $^{81}\text{Zr}$ : A possible probe of enhanced neutron-proton correlations. Physical Review C, 2004, 69, .	2.9	17
39	Multi-quasiparticle states in $^{184}\text{W}$ via multi-nucleon transfer. European Physical Journal A, 2004, 20, 365-369.	2.5	17
40	High-spin level structure in $^{94}\text{Mo}$ and $^{95}\text{Mo}$ . Physical Review C, 2009, 79, .	2.9	17
41	First Measurement of Low-Lying $^{132}\text{Sn}$ - Emitting Isomers in $^{132}\text{Sn}$ . Physical Review C, 2009, 79, .	7.8	17
42	Inelastic excitation of new high-spin yrast isomers in $^{180}\text{Ta}$ . Physical Review C, 2000, 62, .	2.9	16
43	First Application of Mass Measurements with the Rare-Ring Reveals the Solar $r$ -Process Abundance Trend at $^{122}\text{A}$ and $^{122}\text{A}$ . Physical Review C, 2009, 79, .	7.8	16
44	Trend at $^{122}\text{A}$ and $^{122}\text{A}$ and $^{122}\text{A}$ . Physical Review C, 2009, 79, .	7.8	16
45	Identification of yrast high-K intrinsic states in $^{188}\text{Os}$ . Physical Review C, 2009, 79, .	2.9	15
46	Core excitations across the neutron shell gap in $^{207}\text{Tl}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 88-92.	4.1	15
47	Structure of neutron-rich nuclei around the $N = 126$ closed shell; the yrast structure of $^{205}\text{Au}$ up to spin-parity $I^\pi = (19/2^+)$ . European Physical Journal A, 2009, 42, 489.	2.5	14
48	High-spin, multiparticle isomers in $^{121,123}\text{Sb}$ . Physical Review C, 2008, 77, .	2.9	13
49	$g$ -factor measurements at RISING: The cases of $^{127}\text{Sn}$ and $^{128}\text{Sn}$ . Europhysics Letters, 2010, 91, 42001.	2.0	13
50	Two-neutron and core-excited states in $^{210}\text{Pb}$ : Tracing collectivity and evidence for a new $^{210}\text{Pb}$ -decaying isomer	2.9	13
51	$^{123}\text{I}$ -decay lifetime measurements in the second minimum of $^{58}\text{Cu}$ . Physical Review C, 2000, 63, .	2.9	12
52	Lifetime of the yrast $^{123}\text{I}$ and $^{123}\text{I}$ in the transitional nucleus $^{123}\text{I}$ . Physical Review C, 2000, 63, .	2.9	12
53	Properties of $^{187}\text{Ta}$ . Physical Review C, 2009, 79, .	7.8	12
54	Isomeric decay studies around $^{204}\text{Pt}$ and $^{148}\text{Tb}$ . European Physical Journal: Special Topics, 2007, 150, 165-168.	2.6	11

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55	Evidence for an isomeric 3/2- state in 53Co. European Physical Journal A, 2008, 36, 131.	2.5	11
56	Competition between Allowed and First-Forbidden $\alpha$ Decay: The Case of $^{208}\text{Tl}$ . Physical Review C, 2010, 81, .	7.8	11
57	Octupole states in $^{207}\text{Tl}$ studied through $\alpha$ decay. Physical Review C, 2020, 101, .	2.9	11
58	Spin-alignment and g-factor measurement of the $^{12+}$ isomer in 192Pb produced in the relativistic-energy fragmentation of a 238U beam. European Physical Journal A, 2010, 45, 153-158.	2.5	10
59	Structures of Po201 and Rn205 from $E^{\beta^+}$ -decay studies. Physical Review C, 2010, 81, .	2.9	10
60	Hindered decays from a non-yrast four-quasiparticle isomer in $^{164}\text{Er}$ . Physical Review C, 2012, 86, .	2.9	10
61	Deviations from axial symmetry in 181Os. Physical Review C, 2002, 66, .	2.9	9
62	Lifetime measurements of normal deformed states in $^{165}\text{Lu}$ . Physical Review C, 2005, 71, .	2.9	9
63	Octupole transitions in the $^{208}\text{Pb}$ region. Journal of Physics: Conference Series, 2015, 580, 012010.	0.4	9
64	Proton-hole and core-excited states in the semi-magic nucleus $^{131}\text{In}$ . European Physical Journal A, 2016, 52, 1.	2.5	9
65	New spectroscopic information on $^{211}\text{Po}$ . Physical Review C, 2017, 95, .	2.9	9
66	Metastable States of $^{213}\text{Po}$ : A Changing Structure beyond the $^{212}\text{Po}$ Discovery of a Nonyrast $^{213}\text{Po}$ Isomer. Physical Review C, 2017, 95, .	2.9	9
67	Identification of an Oblate $^{92}\text{Dy}$ Isomer. Physical Review C, 2017, 95, .	2.9	8
68	Discovery of a Nonyrast $^{194}\text{Os}$ Isomer. Physical Review C, 2017, 95, .	2.9	8
69	Shell model and octupole excitations in $^{147}\text{Eu}$ . Physical Review C, 2001, 64, .	2.9	7
70	Lifetime measurements in $^{148}\text{Gd}$ . European Physical Journal A, 2003, 17, 29-36.	2.5	7
71	Discovery of isomers in dysprosium, holmium, and erbium isotopes with $^{94}\text{Dy}$ to $^{94}\text{Er}$ . Physical Review C, 2017, 95, .	2.9	7
72	Prominence of Pairing in Inclusive $^{209}\text{Tl}$ . Physical Review C, 2017, 95, .	2.9	7

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73	Sequential Nature of $\beta$ -Decay in $^{126}\text{Xe}$ . <i>Physical Review Letters</i> , 2020, 125, 012501.	7.8	6
74	Exciting isomers from the first stopped-beam RISING campaign. <i>European Physical Journal: Special Topics</i> , 2007, 150, 173-176.	2.6	6
75	Role of the $\hat{I}^{\pi}$ Resonance in the Population of a Four-Nucleon State in the $^{56}\text{Fe} + ^{54}\text{Fe}$ Reaction at Relativistic Energies. <i>Physical Review Letters</i> , 2016, 117, 222302.	7.8	6
76	Investigation of the $\hat{I}^{\pi} \rightarrow \hat{I}^{\pi} + 0$ selection rule in Gamow-Teller transitions: The $\hat{I}^2$ -decay of $^{207}\text{Hg}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 271-275.	4.1	6
77	Competition between allowed and forbidden $\beta$ -decays of $^{208}\text{Po}$ and expansion of the $\beta$ -decay region. <i>Physical Review C</i> , 2000, 62, .	2.9	6
78	Search for very long-lived isomers in the hafnium-tungsten region. <i>Physical Review C</i> , 2000, 62, .	2.9	5
79	YRAST STATES IN 188,190Os NUCLEI. <i>International Journal of Modern Physics E</i> , 2006, 15, 1797-1802.	1.0	5
80	First direct observation of isomeric decay in neutron-rich odd-odd $^{186}\text{Ta}$ . <i>Physical Review C</i> , 2021, 104, .	2.9	5
81	Neutron-deficient $N=126$ nuclei produced in $^{238}\text{U}$ fragmentation: population of high-spin states. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	4
82	First Results from the Stopped RISING Campaign at GSI: The Mapping of Isomeric Decays in Highly Exotic Nuclei. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	4
83	Identification of a high-spin isomer in $^{99}\text{Mo}$ . <i>Physical Review C</i> , 2007, 76, .	2.9	4
84	Experimental details of the Stopped Beam RISING campaign. <i>European Physical Journal: Special Topics</i> , 2007, 150, 319-320.	2.6	4
85	Benchmarking the PreSPEC@GSI experiment for Coulex-multipolarimetry on the $\pi(p_{3/2}) \rightarrow \pi(p_{1/2})$ spin-flip transition in $^{85}\text{Br}$ . <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	4
86	Ground-state $\hat{I}^2$ -decay spectroscopy of $^{187}\text{Ta}$ . <i>Physical Review C</i> , 2022, 105, .	2.9	4
87	Supersymmetry model in $^{73}\text{As}$ revisited: Electromagnetic transition rates and $U(6/12)$ . <i>Physical Review C</i> , 2003, 67, .	2.9	3
88	Nuclear Structure around the $N=16$ subshell closure. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	3
89	Status of the energy-buncher in the low-energy branch of the Super-FRS. <i>European Physical Journal: Special Topics</i> , 2007, 150, 225-226.	2.6	3
90	Three-quasiparticle isomer in $^{173}\text{Ta}$ and the excitation energy dependence of $K$ -forbidden transition rates. <i>Physical Review C</i> , 2017, 95, .	2.9	3

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91	Decay of the N=126, $^{213}\text{Fr}$ nucleus. Physical Review C, 2016, 94, .	2.9	2
92	Structure of the neutron mid-shell nuclei $^{64,66,111,113}\text{Ag}$ . Physical Review C, 2017, 96, .	2.9	2
93	New spectroscopy of heavy neutron rich nuclei: Isomeric studies following relativistic fragmentation. , 1999, , .		1
94	High spin states populated via projectile fragmentation in very neutron-rich nuclei around masses 190â€“200. AIP Conference Proceedings, 2002, , .	0.4	1
95	Population of 195Os via a deep-inelastic reaction. AIP Conference Proceedings, 2004, , .	0.4	1
96	Relativistic Coulomb Excitation of Neutron-Rich $^{54,56,58}\text{Cr}$ . Acta Physica Hungarica A Heavy Ion Physics, 2006, 25, 197-202.	0.4	1
97	Microsecond and nanosecond isomers populated in fission reactions. AIP Conference Proceedings, 2006, , .	0.4	1
98	New Insights into the Structure of Exotic Nuclei Using the RISING Active Stopper. , 2009, , .		1
99	Nanosecond lifetime measurements of $\pi^-9/2^-$ intrinsic excited states and low-lying B(E1) strengths in $^{183}\text{Re}$ using combined HPGe-LaBr3 coincidence spectroscopy. Radiation Physics and Chemistry, 2017, 137, 7-11.	2.8	1
100	$^{208}\text{Po}$ populated through $EC/\beta^+$ decay. Journal of Physics: Conference Series, 2020, 1643, 012116.	0.4	1
101	$r$ Process ( $n, (\gamma)$ ) Rate Constraints from the $(\gamma)$ Emission of Neutron Unbound States in $(\eta)$ -Decay. , 2017, , .		1
102	$\beta^2$ Decay Half-Lives of $^{A}_{Z}X$ $\beta^2$ 110 Nuclei on the $r$ -Process Path. , 2015, , .		1
103	HIGH SPIN STATES POPULATED VIA PROJECTILE FRAGMENTATION IN VERY NEUTRON-RICH NUCLEI AROUND MASS 180. , 2002, , .		1
104	Angular Momentum Population in Projectile Fragmentation. AIP Conference Proceedings, 2004, , .	0.4	0
105	Studies Around $A \approx 100$ Using Binary Reactions. AIP Conference Proceedings, 2004, , .	0.4	0
106	Structural Evolution in the (N,Z, $\pi$ ) Coordinate Frame for $A \approx 100$ . AIP Conference Proceedings, 2004, , .	0.4	0
107	Exotic nuclear studies around and below $A \approx 100$ . , 2011, , .		0
108	Shape Evolution in Neutron-Rich Ru Nuclei. , 2015, , .		0

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109	COMPETITION BETWEEN OCTUPOLE AND SHELL MODEL STATES NEAR THE DOUBLY CLOSED $^{146}\text{Gd}$ . , 2001, , .		0
110	STRUCTURE OF NEUTRON RICH NUCLEI PRODUCED IN THE PROJECTILE FRAGMENTATION OF $^{208}\text{Pb}$ . , 2001, , .		0
111	ISOMER SPECTROSCOPY OF HEAVY NEUTRON-RICH NUCLEI PRODUCED IN RELATIVISTIC FRAGMENTATION. , 2003, , .		0
112	APPLICATION OF THE HIGH-SPIN ISOMER BEAMS TO SECONDARY FUSION REACTION AND MEASUREMENT OF G-FACTOR. , 2004, , .		0
113	HEAVY NEUTRON-RICH NUCLEI PRODUCED IN THE FRAGMENTATION OF A $^{208}\text{Pb}$ BEAM. , 2008, , .		0
114	ISOSPIN SYMMETRY AND PROTON DECAY: IDENTIFICATION OF THE $10^+$ ISOMER IN $^{54}\text{Ni}$ . , 2008, , .		0
115	Half-Life Measurements of $(2_{1}^{+})$ States in the Vicinity of $^{108}\text{Zr}$ and their Implications for Ground-State Deformations. , 2015, , .		0
116	The Impact of Theoretical $(\eta^-)$ -Decay Rates on the Production of the r-Process Third Peak. , 2017, , .		0
117	Clarifying the structure of low-lying states in $^{72}\text{Br}$ . Physical Review C, 2022, 105, .		0