

Dirk Rudolph

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7755091/publications.pdf>

Version: 2024-02-01

304
papers

7,888
citations

71102

41
h-index

79698

73
g-index

307
all docs

307
docs citations

307
times ranked

2070
citing authors

#	ARTICLE	IF	CITATIONS
1	AGATA – Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58. <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ca</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>48</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mrow></mml:mrow></mml:mrow></mml:math>	1.6	378
2	Production and Decay of Element 114: High Cross Sections and the New Nucleus ${}^{288}\text{Fl}$. Physical Review Letters, 2010, 104, 252701.	7.8	220
3	Production and Decay of Element 114: High Cross Sections and the New Nucleus ${}^{288}\text{Fl}$. Physical Review Letters, 2010, 104, 252701.	7.8	211
4	Neutron production by 200 mJ ultrashort laser pulses. Physical Review E, 1998, 58, 1165-1168.	2.1	184
5	Superdeformation in the Doubly Magic Nucleus ${}^{204}\text{Og}$. Physical Review Letters, 2001, 87, 222501. First superheavy element experiments at the GSI recoil separator TASCA: The production and decay of element 114 in the ${}^{244}\text{Pu}$.	7.8	184
6			

#	ARTICLE	IF	CITATIONS
19	The electron ϵ ion scattering experiment ELISE at the International Facility for Antiproton and Ion Research (FAIR) ϵ A conceptual design study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, 60-76.	1.6	85
20	Recent results in fragmentation isomer spectroscopy with rising. Nuclear Instruments & Methods in Physics Research B, 2007, 261, 1079-1083.	1.4	84
21	Systematics of even-even $T_z = 1$ nuclei in the $A = 80$ region: High-spin rotational bands in ^{74}Kr , ^{78}Sr , and ^{82}Zr . Physical Review C, 1997, 56, 98-117.	2.9	83
22	Delayed alignment in the $N = Z$ nucleus ^{72}Kr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 217-222.	4.1	83
23	Experimental Evidence for Hyperdeformed States in U Isotopes. Physical Review Letters, 1998, 80, 2073-2076.	7.8	77
24	Single-particle behavior at $N = 126$: Isomeric decays in neutron-rich Pt .	2.9	73
25	Experimental Evidence for Hyperdeformed States in U Isotopes. Physical Review Letters, 1998, 80, 2073-2076. Single-particle behavior at $N = 126$: Isomeric decays in neutron-rich Pt and the Mass Surface Near $N = 126$.	7.8	73
26	Observation of a core-excited $E4$ isomer in ^{98}Cd . Physical Review C, 2004, 69, .	2.9	71
27	High-spin shell-model states near ^{56}Ni . European Physical Journal A, 1999, 4, 115-145.	2.5	69
28	Unusual Isospin-Breaking and Isospin-Mixing Effects in the $A = 35$ Mirror Nuclei. Physical Review Letters, 2004, 92, 132502.	7.8	65
29	Smooth Termination of Rotational Bands in $Z = 62$: Evidence for a Loss of Collectivity. Physical Review Letters, 1998, 80, 2558-2561.	7.8	63
30	Coulomb Excitation of ^{104}Sn and the Strength of the ^{100}Sn Shell Closure. Physical Review Letters, 201	7.8	60
31	Effective Charges in the fp Shell. Physical Review Letters, 2004, 93, 222501.	7.8	58
32	New sub- $1/4$ s isomers in ^{125}Sn and ^{127}Sn and isomer systematics of ^{129}Sn .	2.9	56
33	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	7.8	56
34	$^{16+}$ Spin-Gap Isomer in ^{96}Cd .	7.8	51
35	Multiparticle-hole states of high spin in $N < 50$, $A \approx 90$ nuclei: 4. Systematics of level energies and electromagnetic properties. Nuclear Physics A, 1996, 597, 298-326.	1.5	50
36	Evolution of the $N = 82$ shell gap below ^{132}Sn inferred from core excited states in ^{131}In . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 313-316.	4.1	48

#	ARTICLE	IF	CITATIONS
37	Recoil- \pm -fission and recoil- \pm -fission events observed in the reaction $48\text{Ca} + 243\text{Am}$. Nuclear Physics A, 2016, 953, 117-138.	1.5	48
38	Decay spectroscopy of element 115 daughters: Rg 280 276 and Mt	2.9	47
39	Evolution of shapes in 59Cu . European Physical Journal A, 2002, 14, 317-348.	2.5	46
40	Isospin symmetry and proton decay: Identification of the 10 Ni 54 60	2.9	46
41	High spin states in the transitional nucleus 88Mo . Zeitschrift für Physik A, 1992, 342, 257-265.	0.9	43
42	A study of high spin states in the transitional nucleus 90Mo . Zeitschrift für Physik A, 1992, 343, 165-177.	0.9	41
43	Observation of ^{54}Ni : Cross-Conjugate Symmetry in $7/2$ Mirror Energy Differences. Physical Review Letters, 2006, 97, 152501.	7.8	41
44	Deformations and magnetic rotations in the Ni 60 nucleus.	2.9	41
45	Search for elements 119 and 120. Physical Review C, 2020, 102, .	2.9	41
46	Spherical and deformed high-spin states in 38Ar . Physical Review C, 2002, 65, .	2.9	40
47	Transition quadrupole moments in the superdeformed band of 40Ca . Physical Review C, 2003, 67, .	2.9	40
48	Isomer Spectroscopy Using Relativistic Projectile Fragmentation at the $N=Z$ Line for $A \approx 1480$. Nuclear Physics A, 2007, 787, 491-498.	1.5	40
49	TASISpec: A highly efficient multi-coincidence spectrometer for nuclear structure investigations of the heaviest nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 164-170.	1.6	40
50	Spherical proton-neutron structure of isomeric states in Cd 128 122	2.9	39
51	The $A = 51$ mirror nuclei 51Fe and 51Mn . European Physical Journal A, 2000, 9, 13-17.	2.5	38
52	Comparison of superdeformed bands in 61Zn and 60Zn : Possible evidence for $T=0$ pairing. Physical Review C, 1999, 60, .	2.9	37
53	Weakly deformed oblate structures in 76 198 122	2.9	37
54	Spectroscopy along Flerovium Decay Chains: Discovery of Ds 280 and an Excited State in Os	7.8	37

#	ARTICLE	IF	CITATIONS
55	First identification of excited states in ^{84}Nb . Nuclear Physics A, 1991, 535, 203-220.	1.5	36
56	Survey of $E1$ transitions in the mass $A \approx 60$ region. Physical Review C, 2004, 69, .	2.9	36
57	First observation of the nuclei ^{87}Tc and ^{88}Tc . Journal of Physics G: Nuclear and Particle Physics, 1991, 17, L113-L119.	3.6	35
58	Superdeformed and highly deformed bands in ^{65}Zn and neutron-proton interactions in Zn isotopes. Physical Review C, 2000, 62, .	2.9	35
59	Prompt \pm Decay of a Well-Deformed Band in ^{58}Ni . Physical Review Letters, 2001, 86, 1450-1453.	7.8	35
60	Study of the average charge states of ^{188}Pb and $^{252,254}\text{No}$ ions at the gas-filled separator TASCA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 689, 40-46.	1.6	35
61	Yrast superdeformed band in ^{59}Cu . Physical Review C, 2000, 62, .	2.9	34
62	Experimental study of the $^{238}\text{U}(^{36}\text{S}, n)^{269}\text{Hs}$ reaction leading to the observation of ^{270}Hs . Physical Review C, 2010, 81, .	2.9	34
63	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	4.1	34
64	Nonyrast states in the odd-odd $N=Z$ nucleus ^{62}Ga . Physical Review C, 2004, 69, . First observation of the decay of a ^{15}O isomer. http://www.w3.org/1998/Math/MathML	2.9	33
65	Seniority ν isomerism in ^{133}Ba . http://www.w3.org/1998/Math/MathML	2.9	33
66	The Lund-York-Cologne Calorimeter (LYCCA): Concept, design and prototype developments for a FAIR-NUSTAR detector system to discriminate relativistic heavy-ion reaction products. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 723, 55-66.	1.6	33
67	Prompt proton decay and deformed bands in ^{56}Ni . Physical Review C, 2008, 77, .	2.9	32
68	β -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32
69	Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.	2.5	32
70	Heavy-ion in-beam studies of the nucleus ^{87}Nb . Zeitschrift für Physik A, 1991, 340, 125-139.	0.9	31
71	Band structure of ^{68}Ge . Physical Review C, 2000, 63, .	2.9	31
72	A new $\frac{1}{2}^+$ isomer in ^{136}Sb produced in the projectile fission of ^{238}U . European Physical Journal A, 2001, 11, 9-13.	2.5	31

#	ARTICLE	IF	CITATIONS
73	Structure of ^{208}Po of isomeric states in ^{208}Po . Physical Review C, 2008, 78, 044301.	2.9	31
74	Core-coupled states and split proton-neutron quasiparticle multiplets in ^{122}Ba . Physical Review C, 2013, 87, 044301.	2.9	31
75	Decays of ^{54}Ni . Physical Review C, 2015, 91, 044301.	2.9	31
76	A new assessment of the alleged link between element 115 and element 117 decay chains. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 293-296.	4.1	31
77	Rotational and single-particle structures in ^{83}Zr . Zeitschrift für Physik A, 1991, 338, 139-148.	0.9	29
78	Systematic behavior of the neutron-deficient molybdenum nuclei. Physical Review C, 1991, 44, R2253-R2256.	2.9	29
79	Identical bands in ^{77}Sr , ^{78}Sr , and ^{78}Rb : Evidence for a very good spectator orbital. Physical Review C, 1994, 49, R580-R583.	2.9	29
80	MIRROR SYMMETRY IN THE UPPER fp SHELL. Modern Physics Letters A, 2005, 20, 2977-2992.	1.2	29
81	Structure of ^{80}Ag populated in the fragmentation of ^{208}Po . Physical Review C, 2009, 80, 044301.	2.9	29
82	Structure of superheavy nuclei along decay chains of element 115. Physical Review C, 2014, 90, 044301.	2.9	29
83	High spin states and shell model description of the neutron deficient nuclei ^{90}Ru and ^{91}Ru . Physical Review C, 1994, 49, 1896-1903.	2.9	28
84	Rotational bands in ^{76}Rb . Physical Review C, 1995, 51, 2932-2941.	2.9	28
85	Excited states in ^{103}Sn : Neutron single-particle energies with respect to ^{100}Sn . Physical Review C, 2001, 63, 044301.	2.9	28
86	Identification of excited states in ^{130}Ga : Mirror nuclei in the upper fp shell. Physical Review C, 2005, 71, 044301.	2.9	28
87	Implications for the two-proton decay of ^{92}Rh . Physical Review C, 2009, 80, 044301.	2.9	28
88	Electromagnetic decay properties of high spin states in ^{48}Tc . Physical Review C, 1994, 49, 66-82.	2.9	27
89	^{58}Ni -ray and particle decay investigations of ^{58}Ni . Physical Review C, 2009, 80, 044301.	2.9	27
90	Emission of intermediate mass fragments using ^3He -spectroscopic techniques. Physical Review C, 1998, 57, R457-R461.	2.9	26

#	ARTICLE	IF	CITATIONS
109	Determination of spins and mixing ratios from directional correlations measured with the OSIRIS array. Nuclear Physics A, 1993, 563, 301-325.	1.5	22
110	Shell-model influence in the rotational nucleus Mo86. Physical Review C, 1996, 54, 117-124.	2.9	22
111	Fast timing with plastic scintillators for in-beam heavy-ion spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 354-360.	1.6	22
112	Alpha-Photon Coincidence Spectroscopy Along Element 115 Decay Chains. Acta Physica Polonica B, 2014, 45, 263.	0.8	22
113	On the Road to FAIR: 1 st Operation of AGATA in PreSPEC at GSI. EPJ Web of Conferences, 2014, 66, 02083.	0.3	22
114	Investigation of shape changes in 87Mo. Nuclear Physics A, 1991, 535, 137-160.	1.5	21
115	Seniority v=5 states in Nb48. Physical Review C, 1993, 48, 1617-1622.	2.9	21
116	New band structures and an unpaired crossing in 78Kr. Physical Review C, 1999, 59, 655-664.	2.9	21
117	Superdeformation in 68Zn: Evidence for a New, Neutron-Rich Island of Superdeformation in A ≈ 70 Nuclei. Physical Review Letters, 1999, 82, 5217-5220.	7.8	21
118	High-angular-momentum structures in Zn64. Physical Review C, 2004, 69, .	2.9	21
119	Extensive $\hat{\Gamma}^3$ -ray spectroscopy of normally and superdeformed structures in 61 29Cu32. European Physical Journal A, 2008, 36, 251-278.	2.5	21
120	Study of non-fusion products in the $^{249}\text{Pu} + ^{48}\text{Ca}$ reaction. Physical Review Letters, 2008, 101, 112701.	4.1	21
121	Multiparticle-hole states of high spin in N < 50, A ≈ 90 nuclei: 1. The transitional nucleus 4389Tc46. Nuclear Physics A, 1995, 587, 181-201.	1.5	20
122	Search for hyperdeformation in Gd146,147. Physical Review C, 1996, 54, 1585-1588.	2.9	20
123	Breakup of the doubly magic 100Sn core. Physical Review C, 2002, 66, .	2.9	20
124	Isomer spectroscopy of ^{127}Cd . Physical Review C, 2010, 82, .	2.9	20
125	A Geant4 simulation package for the TASI Spec experimental detector setup. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 667, 26-31.	1.6	20
126	Identification of excited states in the Tz=+12 nucleus 75Rb: The quest for experimental signatures of collective neutron-proton correlations. Physical Review C, 1997, 56, R591-R595.	2.9	19

#	ARTICLE	IF	CITATIONS
127	First identification and shell model structure of ^{92}Rh . Zeitschrift für Physik A, 1997, 356, 363-365.	0.9	19
128	T=0 pairing correlations and band crossing phenomena in N=Z nuclei. Nuclear Physics A, 1998, 630, 426-433.	1.5	19
129	Doorway States in the Gamma Decay-Out of the Yrast Superdeformed Band in Cu59. Physical Review Letters, 2003, 91, 232502.	7.8	19
130	\hat{I}^3 -ray spectroscopy of core-excited states in Mn51. Physical Review C, 2004, 70, .	2.9	19
131	Proton and neutron alignments in the N = 46 isotones 86Zr and 87Nb. Nuclear Physics A, 1995, 584, 133-148.	1.5	18
132	Application of ultra-fast timing techniques to the study of exotic and weakly produced nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1421-S1426.	3.6	18
133	Observation of a new high-spin isomer in ^{94}Zr . Physical Review Letters, 2009, 93, 122501.	2.9	18
134	Observation of a new high-spin isomer in ^{94}Zr . Physical Review C, 2010, 82, .	2.9	18
135	New \hat{I}^3 s isomers in the neutron-rich ^{210}Hg nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.	4.1	18
136	Transition probabilities between high spin states in Mo88 and Mo90. Physical Review C, 1994, 50, 110-126.	2.9	17
137	Rotational bands in ^{77}Rb : Spectroscopy near the Z=38 deformed shell gap. Physical Review C, 1997, 55, 1680-1696.	2.9	17
138	Characterization of superdeformed bands in ^{62}Zn . Physical Review C, 2009, 80, .	2.9	17
139	Isomeric mirror states as probes for effective charges in the lower pf shell. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 035104.	3.6	17
140	\hat{I}^3 -ray spectroscopy of band structures in ^{30}Zn and ^{62}Zn . Physical Review C, 2012, 86, .	2.9	17
141	High-precision mass measurements for the isobaric multiplet mass equation at $A=52$. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 065103.	3.6	17
142	Lifetime measurement of neutron-rich even-even molybdenum isotopes. Physical Review C, 2017, 95, .	2.9	17
143	Rotation induced octupole correlations in the neutron-deficient ^{109}Te nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 437, 236-242.	4.1	16
144	Rotational bands with terminating properties in ^{59}Ni . Physical Review C, 2002, 65, .	2.9	16

#	ARTICLE	IF	CITATIONS
145	Structure of Gamow-Teller Decay to the Odd-Odd $N < Z$ nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 415, 328-334.	7.8	16
146	Superdeformed bands in 80Sr and the evolution of deformation in Sr isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 415, 328-334.	4.1	15
147	High-spin states in the A= 39 mirror nuclei 39Ca and 39K. <i>European Physical Journal A</i> , 1999, 6, 5-8.	2.5	15
148	High-spin spectroscopy of 63 31Ga32 and 65 31Ga34. <i>European Physical Journal A</i> , 2001, 11, 25-38.	2.5	15
149	The lifetime of the proton-decaying 8915 keV state in 58Cu. <i>Nuclear Physics A</i> , 2001, 694, 132-146.	1.5	15
150	First identification of excited states in 59Zn. <i>European Physical Journal A</i> , 2002, 15, 459-462.	2.5	15
151	High-energy excited states in ^{98}Cd . <i>Journal of Physics: Conference Series</i> , 2010, 205, 012035.	0.4	15
152	The population of metastable states as a probe of relativistic-energy fragmentation reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 302-306.	4.1	15
153	Enhancement of \hat{I}_{\pm} -particle formation near Sn100. <i>Physical Review C</i> , 2020, 101, .	2.9	15
154	Deformations and shape changes in ^{81}Y . <i>Zeitschrift für Physik A</i> , 1994, 350, 189-197.	0.9	14
155	100Sn core excitations in ^{102}In . <i>Physical Review C</i> , 2002, 65, .	2.9	14
156	Highly deformed band structure in ^{57}Co . <i>Physical Review C</i> , 2002, 65, .	2.9	14
157	Evidence for a $g_{9/2}$ rotational band in ^{51}Mn . <i>Physical Review C</i> , 2002, 66, .	2.9	14
158	Exotic Decay Modes in Rotating Nuclei. <i>Nuclear Physics A</i> , 2005, 752, 241-250.	1.5	14
159	Structure of neutron-rich nuclei around the N = 126 closed shell; the yrast structure of $^{205}\text{Au}^{126}$ up to spin-parity $1^{\pi}(1)_{2}^{-}$. <i>European Physical Journal A</i> , 2009, 42, 489.	2.5	14
160	Structure of high- K isomers in ^{270}Ds and ^{266}Hs . <i>Physical Review C</i> , 2002, 65, .	2.9	14
161	Multiparticle-hole states of high spin in N < 50, A \approx 90 nuclei: 2. Nanosecond isomeric states in $^{87,89}\text{Nb}$, ^{89}Mo and ^{91}Tc . <i>Nuclear Physics A</i> , 1995, 587, 202-210.	1.5	13
162	Multiparticle-hole states of high spin in N < 50, A \approx 90 nuclei: 3. The odd-odd nucleus ^{88}Nb . <i>Nuclear Physics A</i> , 1995, 591, 515-532.	1.5	13

#	ARTICLE	IF	CITATIONS
163	$\langle i \rangle g \langle /i \rangle$ -factor measurements at RISING: The cases of $\text{chem}\{\{\}^{\{127\}}\text{Sn}\}$ and $\text{chem}\{\{\}^{\{128\}}\text{Sn}\}$. Europhysics Letters, 2010, 91, 42001.	2.0	13
164	Rotational bands in the semi-magic nucleus ${}^{57}_{28}\text{Ni}$. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 075105.	3.6	13
165	Decay study of ${}^{246}\text{Fm}$ at SHIP. European Physical Journal A, 2011, 47, 1.	2.5	13
166	$N=50$ core excited states studied in the ${}^{46}_{96}\text{Pd}$ nucleus. Physical Review C, 2012, 86, .	2.9	13
167	Fission in the landscape of heaviest elements: Some recent examples. EPJ Web of Conferences, 2016, 131, 03003.	0.3	13
168	A new type of band crossing at large deformation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 277-282.	4.1	12
169	Forking and unusual decay out of superdeformed bands in ${}^{83}\text{Zr}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 463-469.	4.1	12
170	High-spin \hat{I}^3 -ray spectroscopy in the vicinity of ${}^{56}\text{Ni}$. Nuclear Physics A, 1998, 630, 417-425.	1.5	12
171	\hat{I}^3 -decay lifetime measurements in the second minimum of ${}^{58}\text{Cu}$. Physical Review C, 2000, 63, .	2.9	12
172	Complete high-spin structure of ${}^{57}\text{Co}$. Physical Review C, 2003, 67, .	2.9	12
173	Core excited states in the $A=51$ mirror nuclei. Physical Review C, 2004, 70, .	2.9	12
174	\hat{I}^3 -ray spectroscopy of excited states in ${}^{61}_{30}\text{Zn}$. European Physical Journal A, 2006, 30, 381-390.	2.5	12
175	Identification of the New Isotope ${}^{244}\text{Md}$. Physical Review Letters, 2000, 124, 252502.	7.8	12
176	First Study on Nihonium (Nh, Element 113) Chemistry at TASCA. Frontiers in Chemistry, 2021, 9, 753738.	3.6	12
177	Lifetime measurements of normally deformed and superdeformed states in ${}^{82}\text{Sr}$. Physical Review C, 1998, 57, 113-122.	2.9	11
178	Band structure in ${}^{79}\text{Y}$ and the question of $T=0$ pairing. Physical Review C, 1998, 58, R3037-R3041.	2.9	11
179	Yrast spectroscopy of ${}^{54}\text{Cr}$. Physical Review C, 1999, 61, .	2.9	11
180	Excited states of the proton emitter ${}^{105}\text{Sb}$. Physical Review C, 2002, 65, .	2.9	11

#	ARTICLE	IF	CITATIONS
181	Isomeric decay studies around ^{204}Pt and ^{148}Tb . European Physical Journal: Special Topics, 2007, 150, 165-168.	2.6	11
182	Evidence for an isomeric $3/2^-$ state in ^{53}Co . European Physical Journal A, 2008, 36, 131.	2.5	11
183	A new simulation package to model detector systems with fragmentation reactions and ion separators: Application to the LYCCA-0 system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 606, 589-597.	1.6	11
184	High-precision mass measurements of $^{203-207}\text{Rn}$ and ^{213}Ra with SHIPTRAP. European Physical Journal A, 2013, 49, 1.	2.5	11
185	Data-flow coupling and data-acquisition triggers for the PreSPEC-AGATA campaign at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 786, 32-39.	1.6	11
186	Low-lying states in ^{219}Ra and ^{215}Rn : Sampling microsecond \hat{I}^\pm -decaying nuclei. Physical Review C, 2018, 98, .	2.9	11
187	The $N=47$ shell model nucleus ^{90}Tc . Zeitschrift für Physik A, 1994, 349, 105-113.	0.9	10
188	Investigation of high-spin states in ^{53}Fe . Physical Review C, 2005, 72, .	2.9	10
189	Spin-alignment and g-factor measurement of the $\pi = 12^+$ isomer in ^{192}Pb produced in the relativistic-energy fragmentation of a ^{238}U beam. European Physical Journal A, 2010, 45, 153-158.	2.5	10
190	Isospin and deformation studies in the odd-odd $N=Z$ nucleus ^{54}Co . Physical Review C, 2010, 82, .	2.9	10
191	Title is missing!. Acta Physica Polonica B, 2012, 43, 305.	0.8	10
192	Nuclear structure notes on element 115 decay chains. AIP Conference Proceedings, 2015, , .	0.4	10
193	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
194	High-spin states in the $T_z = \hat{a}^{1/2}$ nucleus ^{55}Ni . Zeitschrift für Physik A, 1997, 358, 379-380.	0.9	9
195	Structure of normally deformed states in ^{80}Sr . Physical Review C, 2000, 61, .	2.9	9
196	News on mirror nuclei in the sd and fp shells. European Physical Journal A, 2005, 25, 363-366.	2.5	9
197	Gamma-ray spectroscopy of the doubly magic nucleus ^{56}Ni . European Physical Journal A, 2006, 27, 157-165.	2.5	9
198	Comparative study of rotational bands in the $A \approx 60$ mass region: Modification of Nilsson parameters. Physical Review C, 2014, 89, .	2.9	9

#	ARTICLE	IF	CITATIONS
199	Congruence of decay chains of elements 113, 115, and 117. EPJ Web of Conferences, 2016, 131, 02003.	0.3	9
200	New spectroscopic information on ^{211}Po : A changing structure beyond the ^{211}Po α -decay. <i>Physical Review C</i> , 2014, 90, .	2.9	9
201	4D-imaging of drip-line radioactivity by detecting proton emission from ^{54}Ni pictured with ACTAR TPC. <i>Nature Communications</i> , 2021, 12, 4805.	12.8	9
202	Mirror energy differences above the $0f_{7/2}$ shell: First $\hat{1}^3$ -ray spectroscopy of the ^{56}Zn nucleus. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 823, 136784.	4.1	9
203	Magnetic moments in ^{90}Mo : a discriminating test of the $(g_{9/2}, p_{1/2})$ shell model. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1994, 20, L77-L83.	3.6	8
204	Transitional quadrupole moments in ^{83}Y . <i>Zeitschrift für Physik A</i> , 1994, 347, 285-286.	0.9	8
205	Rotational bands near ^{56}Ni . <i>Nuclear Physics A</i> , 2001, 682, 28-34.	1.5	8
206	Neutron excitations across the $N=50$ shell gap in ^{102}In . <i>Nuclear Physics A</i> , 2002, 708, 181-189.	1.5	8
207	Isomeric decay spectroscopy of the ^{217}Bi isotope. <i>Physical Review C</i> , 2014, 90, .	2.9	8
208	Spectroscopic Tools Applied to Element $Z = 115$ Decay Chains. EPJ Web of Conferences, 2014, 66, 02036.	0.3	8
209	Quantum-state-selective decay spectroscopy of ^{213}Ra . <i>Physical Review C</i> , 2017, 96, .	2.9	8
210	^{127}Cd and excited states in ^{127}In $\hat{1}^{\pm}$ decay of high-spin isomers in ^{127}In isotones. <i>Physical Review C</i> , 2019, 99, .	2.9	8
211	^{84}Zn isotones. <i>Physical Review C</i> , 2019, 99, .	2.9	8
212	Manifestation of the Berry phase in the atomic nucleus ^{213}Pb . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136183.	4.1	8
213	CompeX: a cubic germanium detector. <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	8
214	Physics with REX-ISOLDE and MINIBALL. <i>Zeitschrift für Physik A</i> , 1997, 358, 161-162.	0.9	7
215	The Munich fission fragment accelerator. <i>Nuclear Physics A</i> , 1997, 616, 39-44.	1.5	7
216	Collective excitations in the vicinity of $N=Z$. <i>Nuclear Physics A</i> , 1999, 654, 659c-662c.	1.5	7

#	ARTICLE	IF	CITATIONS
217	First observation of excitation across the 100Sn core. Nuclear Physics A, 2001, 682, 399-403.	1.5	7
218	Maximally aligned states in the proton drip line nucleus 106Sb. Nuclear Physics A, 2005, 753, 251-262.	1.5	7
219	Electromagnetic properties of vibrational bands in 170Er. European Physical Journal A, 2011, 47, 1.	2.5	7
220	Selected spectroscopic results on element 115 decay chains. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 1185-1190.	1.5	7
221	Excited states in the transitional N=45 nucleus 85Zr. Zeitschrift für Physik A, 1995, 352, 3-4.	0.9	6
222	First identification and shell model structure of 92Rh. Zeitschrift für Physik A, 1996, 356, 363-365.	0.9	6
223	Exciting isomers from the first stopped-beam RISING campaign. European Physical Journal: Special Topics, 2007, 150, 173-176.	2.6	6
224	Isospin symmetry in the shell: Transition strengths in the neutron-deficient shell nucleus Ar33. Physical Review C, 2014, 90, .	2.9	6
225	Role of the $\hat{\pi}^*$ Resonance in the Population of a Four-Nucleon State in the $^{56}\text{Fe} + ^4\text{He}$ Reaction at Relativistic Energies. Physical Review Letters, 2016, 117, 222302.	7.8	6
226	Low-lying electric dipole $\hat{\pi}^3$ -continuum for the unstable 62,64Fe nuclei: Strength evolution with neutron number. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135951.	4.1	6
227	Recent Upgrades of the SHIPTRAP Setup: On the Finish Line Towards Direct Mass Spectroscopy of Superheavy Elements. Acta Physica Polonica B, 2017, 48, 423.	0.8	6
228	Concept of a high-resolution online mass separator for the Munich fission fragment accelerator. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 242-245.	1.4	5
229	High-spin proton and alpha-particle emission as probes for nuclear structure. European Physical Journal A, 2002, 15, 161-165.	2.5	5
230	Relativistic Coulomb excitation of ^{88}Kr . Physical Review C, 2016, 94, .	2.9	5
231	Study of isomeric states in $^{198,200,202,206}\text{Pb}$ and ^{206}Hg populated in fragmentation reactions. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 035105.	3.6	5
232	Spectroscopic Tools Applied to Flerovium Decay Chains. Journal of Physics: Conference Series, 2020, 1643, 012125.	0.4	5
233	Electromagnetic decay properties of multiparticle-hole states in neutron deficient Mo and Tc isotopes. Physica Scripta, 1995, T56, 120-125.	2.5	4
234	Electromagnetic decay strengths in the isobars ^{89}Nb , ^{89}Mo and ^{89}Tc . Zeitschrift für Physik A, 1995, 352, 365-372.	0.9	4

#	ARTICLE	IF	CITATIONS
235	Search for linking transitions in ^{143}Eu . Physical Review C, 1997, 56, R1671-R1674.	2.9	4
236	Prompt Particle Decays of Deformed Second Minima. Physica Scripta, 2000, T88, 21.	2.5	4
237	Neutron-deficient $N \approx 126$ nuclei produced in ^{238}U fragmentation: population of high-spin states. AIP Conference Proceedings, 2006, , .	0.4	4
238	First Results from the Stopped RISING Campaign at GSI: The Mapping of Isomeric Decays in Highly Exotic Nuclei. AIP Conference Proceedings, 2007, , .	0.4	4
239	Experimental details of the Stopped Beam RISING campaign. European Physical Journal: Special Topics, 2007, 150, 319-320.	2.6	4
240	Title is missing!. Acta Physica Polonica B, 2012, 43, 253.	0.8	4
241	Benchmarking the PreSPEC@GSI experiment for Coulex-multipolarimetry on the $\pi(p_{3/2}) \rightarrow \pi(p_{1/2})$ spin-flip transition in ^{85}Br . European Physical Journal A, 2020, 56, 1.	2.5	4
242	Hyperdeformed states in the third minimum of the fission potential. Acta Physica Hungarica A Heavy Ion Physics, 1998, 7, 35-46.	0.4	4
243	Title is missing!. Acta Physica Polonica B, 2011, 42, 567.	0.8	3
244	Influence of the $n \rightarrow p$ interaction on the I^2 decay of ^{94}Pd . Physical Review C, 2012, 86, .	2.9	3
245	Odd-parity ^{100}Sn Core Excitations. Acta Physica Polonica B, 2013, 44, 491.	0.8	3
246	Analysis of the Response of AGATA Detectors at GSI. EPJ Web of Conferences, 2015, 93, 07007.	0.3	3
247	Isomeric Ratios in ^{206}Hg . Acta Physica Polonica B, 2015, 46, 601.	0.8	3
248	Superheavy-element spectroscopy: Correlations along element 115 decay chains. EPJ Web of Conferences, 2016, 117, 01001.	0.3	3
249	Onset of high-spin rotational bands in the $N=Z$ nucleus $\text{Ga}62$. Physical Review C, 2020, 102, .	2.9	3
250	Experimental and shell-model study of excited states in ^{29}Fe and related notes on ^{26}Mn and ^{55}Mn .	2.9	3
251	Spectroscopy of nuclei approaching the proton drip-line using a secondary-fragmentation technique with the RISING detector array. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1527-S1530.	3.6	2
252	Nuclear spectroscopy with Geant4: Proton and neutron emission & radioactivity. AIP Conference Proceedings, 2016, , .	0.4	2

#	ARTICLE	IF	CITATIONS
253	Single particle and collective excitations in the ^{28}Mg isotones ^{28}Mg and ^{28}Si . <i>Physical Review Letters</i> , 2003, 91, 082701. https://doi.org/10.1103/PhysRevLett.91.082701	2.9	2
254	ISOMER SPECTROSCOPY OF IN-FLIGHT FISSION FRAGMENTS NEAR ^{132}Sn AT THE GSI FRAGMENT SEPARATOR. <i>Physical Review Letters</i> , 2003, 91, 082701. https://doi.org/10.1103/PhysRevLett.91.082701		2
255	Reinterpretation of excited states in ^{212}Po rather than ^{212}Pb : Shell-model multiplets. <i>Physical Review C</i> , 2021, 104, 014307. https://doi.org/10.1103/PhysRevC.104.014307	2.9	2
256	Mirror symmetry at mass $A=54$: E4 effective charges near doubly magic ^{56}Ni . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 830, 137144. https://doi.org/10.1016/j.physletb.2022.137144	4.1	2
257	Prompt particle decays from deformed high-spin states. <i>AIP Conference Proceedings</i> , 2000, 100, 115-118. https://doi.org/10.1063/1.51284	0.4	1
258	High-resolution in-beam particle-gamma coincidence spectroscopy. <i>European Physical Journal A</i> , 2003, 20, 37-38. https://doi.org/10.1007/s001470300008	2.5	1
259	Status of the RISING project at GSI. <i>European Physical Journal A</i> , 2005, 25, 719-722. https://doi.org/10.1007/s001470500011	2.5	1
260	Prompt proton decay in the vicinity of ^{56}Ni . <i>AIP Conference Proceedings</i> , 2007, 915, 115-118. https://doi.org/10.1063/1.279844	0.4	1
261	NUCLEAR STRUCTURE ADDRESSED AT GSI/RISING. <i>International Journal of Modern Physics E</i> , 2009, 18, 759-766. https://doi.org/10.1142/S120102070900011	1.0	1
262	Structure of $N=126$ nuclei produced in fragmentation of ^{238}U . <i>Physical Review Letters</i> , 2009, 93, 082701. https://doi.org/10.1103/PhysRevLett.93.082701		1
263	Isomers in neutron-rich lead isotopes populated via the fragmentation of ^{238}U at 1 GeV. <i>Journal of Physics: Conference Series</i> , 2011, 312, 092026. https://doi.org/10.1088/1742-6596/312/1/092026	0.4	1
264	β^2 decay of ^{102}Y produced in projectile fission of ^{238}U . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012053. https://doi.org/10.1088/1742-6596/381/1/012053	0.4	1
265	Search for proton emission of the isomeric $^{10^+}$ state in ^{54}Ni . <i>European Physical Journal A</i> , 2020, 56, 1. https://doi.org/10.1007/s001470200001	2.5	1
266	STRUCTURE OF THE ^{100}Sn REGION BASED ON A CORE EXCITED E4 ISOMER IN ^{98}Cd . <i>Physical Review Letters</i> , 2005, 95, 082701. https://doi.org/10.1103/PhysRevLett.95.082701		1
267	Band crossing phenomena in $N=Z$ nuclei a probe to $T=0$ pairing correlations?. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 1997, 6, 269-273. https://doi.org/10.1007/BF02721111	0.4	1
268	Band structure in ^{79}Y and the question of $T=0$ pairing. <i>Physical Review Letters</i> , 1999, 82, 112701. https://doi.org/10.1103/PhysRevLett.82.112701		0
269	Spectroscopy at $N=Z$ with EUROBALL III. <i>Physical Review Letters</i> , 1999, 82, 112701. https://doi.org/10.1103/PhysRevLett.82.112701		0
270	Prompt particle decays of deformed bands and nuclear structure near ^{56}Ni . <i>Physical Review Letters</i> , 1999, 82, 112701. https://doi.org/10.1103/PhysRevLett.82.112701		0

#	ARTICLE	IF	CITATIONS
271	High-spin spectroscopy near [sup 56]Ni. AIP Conference Proceedings, 2002, , .	0.4	0
272	Complete spectroscopy in high-spin cranking calculations. European Physical Journal A, 2003, 20, 35-36.	2.5	0
273	Particle Emission From High-Spin States. AIP Conference Proceedings, 2003, , .	0.4	0
274	Excited Bands In Fixed CNS Configurations. AIP Conference Proceedings, 2003, , .	0.4	0
275	Chaos in the Nucleus: SD Decay-out and Masses. AIP Conference Proceedings, 2004, , .	0.4	0
276	Competing decay-out mechanisms of the yrast superdeformed band in 59Cu. AIP Conference Proceedings, 2004, , .	0.4	0
277	Nuclear Structure. , 2005, , 413-428.		0
278	International Conference on Finite Fermionic Systems: Nilsson Model 50 Years. Physica Scripta, 2006, T125, .	2.5	0
279	Publisher's Note: Observation of Ni54: Cross-Conjugate Symmetry inf7/2Mirror Energy Differences [Phys. Rev. Lett.97, 152501 (2006)]. Physical Review Letters, 2006, 97, .	7.8	0
280	RISING: Gamma-ray Spectroscopy with Radioactive Beams at GSI. AIP Conference Proceedings, 2007, , .	0.4	0
281	Classification of Superdeformed Bands in the Mass Aâ¹460 Region. , 2008, , .		0
282	Isomer and Î²-decay spectroscopy of Tz=1 isotopes below the N=Z=50 shell gap. Journal of Physics: Conference Series, 2011, 312, 092019.	0.4	0
283	Exotic nuclear studies around and below Aâ€‰=â€‰100. , 2011, , .		0
284	High-spin structure studies in ⁶²Zn. Physica Scripta, 2012, T150, 014013.	2.5	0
285	Spin-gap isomer in 96Cd. Journal of Physics: Conference Series, 2012, 381, 012074.	0.4	0
286	New Isomers in the Neutron-Rich Region Beyond 208Pb. EPJ Web of Conferences, 2014, 66, 02043.	0.3	0
287	Analysis and results of the 104Sn Coulomb excitation experiment. Journal of Physics: Conference Series, 2014, 533, 012047.	0.4	0
288	Superheavy Element Studies with TASCA at GSI: Spectroscopy of Element 115 Decay Chains. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
289	Publisher's Note: Isospin symmetry in the sd shell: Transition strengths in the neutron-deficient sd shell nucleus ^{33}Ar [Phys. Rev. C 90, 054301 (2014)]. Physical Review C, 2015, 91, .	2.9	0
290	Low-, medium-, and high-spin states in the $N=Z+1$ nucleus ^{63}Ga . Physical Review C, 2021, 103, .	2.9	0
291	Prompt Particle Decays of Deformed Second Minima. , 2000, , 397-412.		0
292	EXOTICA NEAR ^{56}Ni " EXPLOITING THE 'BIG ARRAYS'. , 2001, , .		0
293	EVOLUTION AND DESTRUCTION OF SHAPES IN ^{59}Cu . , 2002, , .		0
294	High-spin proton and alpha-particle emission as probes for nuclear structure. , 2003, , 281-285.		0
295	COLLECTIVE STRUCTURES IN THE DOUBLY MAGIC NUCLEUS ^{40}Ca . , 2003, , .		0
296	PROMPT PARTICLE DECAY IN NUCLEI: PRESENT STATUS AND FUTURE PERSPECTIVES. , 2004, , .		0
297	News on mirror nuclei in the sd and fp shells. , 2005, , 363-366.		0
298	HEAVY NEUTRON-RICH NUCLEI PRODUCED IN THE FRAGMENTATION OF A ^{208}Pb BEAM. , 2008, , .		0
299	ISOSPIN SYMMETRY AND PROTON DECAY: IDENTIFICATION OF THE 10^+ ISOMER IN ^{54}Ni . , 2008, , .		0
300	Spectroscopy and GEANT4 Simulations of Element 115 Decay Chains. , 2014, , .		0
301	Role Of The Delta Resonance In The Population Of Excited States In High-Energy Reactions. , 2017, , .		0
302	Geant4-aided Quantum State Selective Decay Spectroscopy of ^{213}Ra . , 2017, , .		0
303	GAS PHASE CHEMISTRY OF SUPERHEAVY ELEMENTS COUPLED TO AN ELECTROMAGNETIC SEPARATOR. , 2017, , .		0
304	Status of the RISING project at GSI. , 2005, , 719-722.		0