

Bogdan Fornal

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	N=40Neutron Subshell Closure in the Ni68Nucleus. Physical Review Letters, 1995, 74, 868-871.	2.9	190
2	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.	1.5	176
3	Reduced transition probabilities to the first 2+ state in Ti52,54,56 and development of shell closures at N=32,34. Physical Review C, 2005, 71, .	1.1	130
4	Spectroscopy of Rn, Ra and Th isotopes using multi-nucleon transfer reactions. Nuclear Physics A, 1999, 645, 61-91.	0.6	118
5	Cross-shell excitation in two-proton knockout: Structure of Ca52. Physical Review C, 2006, 74, .	1.1	104
6	Lowest Excitations in Ti56 and the Predicted N=34 Shell Closure. Physical Review Letters, 2004, 92, 072502.	2.9	97
7	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	87
8	Evidence for rigid triaxial deformation at low energy in ^{76}Ge . Physical Review C, 2013, 87, .	1.1	82
9	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, .	1.1	79
10	Development of shell closures at N=32,34. I. β^2 decay of neutron-rich Sc isotopes. Physical Review C, 2004, 70, .	1.1	76
11	Dynamical effects on the de-excitation of hot nuclei with A=160. Physical Review C, 1990, 42, 2125-2142.	1.1	75
12	Level structure of the neutron-rich Cr56,58,60 isotopes: Single-particle and collective aspects. Physical Review C, 2006, 74, .	1.1	75
13	Gamma ray studies of neutron-rich shell nuclei produced in heavy ion collisions. Physical Review C, 1994, 49, 2413-2418.	1.1	74
14	Determination of the temperatures of hot nuclei from α -emission spectra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 217, 406-410.	1.5	65
15	Angular momentum generation in nuclear fission. Nature, 2021, 590, 566-570.	13.7	57
16	Hard-to-reach nuclei studied with deep-inelastic heavy-ion reactions. European Physical Journal A, 2003, 20, 145-150.	1.0	55
17	Structure of Co65,67 studied through the β^2 decay of Fe65,67 and a deep-inelastic reaction. Physical Review C, 2009, 79, .	1.1	53
18	Multifaceted Quadruplet of Low-Lying Spin-Zero States in ^{66}Ni . Emergence of Shape Isomerism in Light Nuclei. Physical Review Letters, 2017, 118, 162502.	2.9	53

#	ARTICLE	IF	CITATIONS
19	Microscopic study of the ^{64}Ni isotopes populated in ^{66}Ni collisions. Nuclear Physics A, 2003, 724, 289-312.	1.1	52
20	Gamma coincidence study of $^{208}\text{Pb}+^{350}\text{MeV}$ ^{64}Ni collisions. Nuclear Physics A, 2003, 724, 289-312.	0.6	51
21	Effective Charge of the $^{11/2}\text{Orbital}$ and the Electric Field Gradient of Hg from the Yrast Structure of ^{206}g . Physical Review Letters, 2001, 87, 212501.	2.9	47
22	Particle octupole-vibration coupling near ^{208}Pb . European Physical Journal A, 2000, 8, 161.	1.0	46
23	Magic Nucleus ^{132}n and Its One-Neutron-Hole Neighbor ^{131}n . Physical Review Letters, 2001, 87, 062502.	2.9	44
24	^{12}Ca decay and isomeric properties of neutron-rich Ca and Sc isotopes. Physical Review C, 2010, 82, .	1.1	43
25	Dynamical deformation of nuclei in deep-inelastic collisions: A gamma coincidence study of $^{130}\text{Te}+^{275}\text{MeV}$ ^{64}Ni and $^{208}\text{Pb}+^{345}\text{MeV}$ ^{58}Ni heavy ion reactions. Nuclear Physics A, 2010, 832, 170-197.	0.6	42
26	Gamma-ray studies of 119 , 121 , ^{123}Sn isomers formed in deep inelastic heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 308-312.	1.5	40
27	Yrast isomers of $^{1/2}\text{h}^{11/2}\text{n}$ character in ^{125}Sn and ^{126}Sn . Physical Review C, 2000, 62, .	1.1	39
28	Superdeformed and Triaxial States in ^{42}Ca . Physical Review Letters, 2016, 117, 062501.	2.9	39
29	Yrast excitations in $A = 126$ ^{131}Te nuclei from deep inelastic $^{130}\text{Te}+^{64}\text{Ni}$ reactions. Nuclear Physics A, 1998, 628, 386-402.	0.6	38
30	Few particle excitations of $N=83$ isotones ^{134}Sb and ^{135}Te from ^{248}Cm fission. Physical Review C, 2001, 63, .	1.1	38
31	Low-spin states and the non-observation of a proposed 2202-keV ^{68}Ni isomer. Physical Review C, 2012, 86, .	1.1	36
32	Yrast structure of ^{64}Fe . Physical Review C, 2006, 74, .	1.1	34
33	Decay of deformed ^{59}Cu nuclei. Physical Review C, 1988, 38, 2640-2658.	1.1	33
34	Excitations of two- and three-valence-proton nuclei ^{134}Te and ^{135}I . Physical Review C, 2001, 65, .	1.1	33
35	$\hat{\Gamma}^3$ -ray studies of neutron-rich $N=18,19$ nuclei produced in deep-inelastic collisions. Physical Review C, 1997, 55, 762-765.	1.1	32
36	Yrast states of neutron-rich $N=83$ nuclei from fission product $\hat{\Gamma}^3$ -ray studies. Physical Review C, 1997, 56, R2363-R2367.	1.1	32

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37	Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.	1.0	32
38	Yrast excitations in $N=81$ nuclei ^{132}Sb and ^{133}Te from ^{248}Cm fission. Physical Review C, 2001, 64, .	1.1	31
39	Yrast structure of neutron-rich ^{53}Ti . Physical Review C, 2005, 72, .	1.1	31
40	Higher-seniority excitations in even neutron-rich Sn isotopes. Physical Review C, 2014, 89, .	1.1	31
41	Structure of exotic nuclei near and above ^{208}Pb populated via deep-inelastic collisions. Nuclear Physics A, 2001, 682, 71-78.	0.6	30
42	\hat{I}^2 -decay of odd- A ^{57}Ti and ^{59}V . Physical Review C, 2005, 72, .	1.1	30
43	\hat{I}^2 decay of neutron-rich ^{53}Ca . Physical Review C, 2005, 72, .	1.1	30
44	Influence of the \hat{I}^2 decay on level structures of neutron-rich ^{53}Ca and ^{56}Ca . Physical Review C, 2010, 82, .	1.1	30
45	Yrast spectroscopy of $N=82, 83$ isotopes ^{136}Xe and ^{137}Xe from ^{248}Cm fission. Physical Review C, 1999, 59, 3066-3070.	1.1	29
46	Level densities and barriers of deformed ^{59}Cu nuclei with $28 \leq Z \leq 34$. Physical Review C, 1988, 37, 2624-2628.	1.1	28
47	Yrast structure of the neutron-rich ^{31}N and ^{31}O isotopes. Physical Review C, 2005, 72, .	1.1	28
48	Structure of ^{60}Fe and ^{62}Fe and the onset of \hat{I}^2 decay. Physical Review C, 2008, 77, .	1.1	28
49	Detailed band structures in ^{189}Hg and ^{190}Hg . Nuclear Physics A, 1994, 576, 441-476.	0.6	27
50	The mutable nature of particle-core excitations with spin in the one-valence-proton nucleus ^{133}Sb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 273-278.	1.5	27
51	Rotation-aligned coupling in ^{61}Fe . Physical Review C, 2008, 77, .	1.1	26
52	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, .	1.1	26
53	Formation of light exotic nuclei in low-energy multinucleon transfer reactions. Physical Review C, 2014, 89, .	1.1	26
54	Test of statistical model predictions for alpha-particle decay of $^{90, 92, 94, 96}\text{Ru}$ compound nuclei. Physical Review C, 1990, 41, 127-138.	1.1	25

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55	Collective oblate bands in Pb196. Physical Review C, 1993, 47, R1337-R1341. Identification of the $g_{7/2}^+$ bands in the neutron-rich ^{75}Ga .	1.1	24
56	Shape Coexistence at $Z=75$ in ^{75}Ga . Physical Review C, 2019, 100, 044307.	1.1	24
57	Driven by the Monopole Tensor Interaction. Physical Review Letters, 2020, 125, 102502.	2.9	24
58	Possible dynamic effects in the particle decay of Cu59 compound nuclei. Physical Review C, 1989, 40, 664-667.	1.1	23
59	\hat{I}^3 Spectroscopy of ^{209}Pb with deep inelastic reactions. European Physical Journal A, 1998, 1, 261-266.	1.0	23
60	Nature of yrast excitations near $N=40$. Level structure of ^{67}Ni . Physical Review C, 2012, 85, .	1.1	23
61	Thermal properties and dynamics of hot nuclei. Nuclear Physics A, 1989, 495, 139-154.	0.6	22
62	Investigation of pion absorption in heavy-ion induced subthreshold π^0 production. Physical Review Letters, 1993, 70, 904-907.	2.9	22
63	Five-valence-proton $N=82$ isotone ^{137}Cs . Physical Review C, 1999, 59, 3071-3075.	1.1	22
64	High-spin isomers and three-neutron valence configurations in ^{211}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 606, 34-42.	1.5	22
65	Seniority, collectivity, and $B(E2)$ in ^{72}Ni . Physical Review C, 2018, 97, .	1.1	22
66	Quadrupole collectivity in ^{42}Ca from low-energy Coulomb excitation with AGATA. Physical Review C, 2018, 97, .	1.1	22
67	High-spin states in ^{208}Pb . European Physical Journal A, 2001, 10, 259-265.	1.0	21
68	Doubly magic ^{208}Pb : High-spin states, isomers, and $E3$ collectivity in the yrast decay. Physical Review C, 2017, 95, .	1.1	21
69	Decay of ^{156}Er compound nucleus. Physical Review C, 1990, 42, 1472-1479.	1.1	20
70	Level density of hot nuclei with $A \approx 40$. Physical Review C, 1991, 44, 2588-2597.	1.1	20
71	High-spin states and isomers in the one-proton-hole and three-neutron-hole ^{204}Tl isotope. Physical Review C, 2011, 84, .	1.1	20
72	Collectivity of dipole bands in ^{196}Pb . Physical Review C, 1995, 51, 115-124.	1.1	19

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73	The $\pi h_{11/2}^{-1} u_{13/2}^{-2}$ three-hole isomeric state and octupole core excitation in the 205 Tl nucleus. European Physical Journal A, 2003, 20, 57-58.	1.0	19
74	\hat{I}^3 -ray spectroscopy of proton neutron-hole nucleus ^{208}Bi from deep inelastic heavy ion reactions. Physical Review C, 2003, 67, . Yrast structure of the two-proton and three-neutron-hole nucleus ^{208}Bi .	1.1	19
75	Yrast structure of the two-proton and three-neutron-hole nucleus ^{208}Bi from the decay of a ^{209}Bi nucleus. Physical Review C, 2003, 67, .	1.1	19
76	Cluster-transfer reactions with radioactive beams: A spectroscopic tool for neutron-rich nuclei. Physical Review C, 2015, 92, .	1.1	19
77	Three-valence-particle fission product ^{51}Sb . European Physical Journal A, 1998, 3, 109-110.	1.0	18
78	Low-energy structure of ^{61}Mn populated following \hat{I}^2 decay of ^{61}Cr . Physical Review C, 2009, 79, . Levels above the ^{61}Mn ground state.	1.1	18
79	Yrast structure of ^{61}Mn populated following \hat{I}^2 decay of ^{61}Cr . Physical Review C, 2009, 79, . Levels above the ^{61}Mn ground state.	1.1	18
80	New isomer in ^{96}Y marking the onset of deformation at $N = 57$. Europhysics Letters, 2017, 117, 12001.	0.7	18
81	One-particle excitations outside the ^{54}Ti semi-magic core: The ^{55}V and ^{55}Ti yrast structures. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 135-140.	1.5	17
82	New $19/2^+$ isomers in ^{119}Sn , ^{121}Sn and ^{123}Sn . Zeitschrift für Physik A, 1992, 342, 247-248.	0.9	16
83	Proton-hole states in the $N=30$ neutron-rich isotope ^{49}K . Physical Review C, 2010, 82, .	1.1	16
84	Yrast structure of ^{206}Bi : Isomeric states and one-proton-particle, three-neutron-hole excitations. Physical Review C, 2012, 86, .	1.1	15
85	Giant dipole resonance built on hot rotating nuclei produced during evaporation of light particles from the ^{88}Mo compound nucleus. Physical Review C, 2015, 91, .	1.1	15
86	Core excitations across the neutron shell gap in ^{207}Tl . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 88-92.	1.5	15
87	Gamma spectroscopy of neutron-rich nuclei from the vicinity of the \hat{I}^2 island of inversion at $N=20$. Acta Physica Hungarica A Heavy Ion Physics, 1998, 7, 83-86.	0.4	15
88	Testing \hat{I}^2 nuclear structure in neutron-rich nuclei: Lifetime measurements of second state in ^{16}C and ^{16}O .	1.1	14
89	New states in ^{16}C . European Physical Journal A, 2000, 7, 147.	1.0	14
90	High-lying, non-yrast shell structure in ^{52}Ti . Physical Review C, 2009, 80, .	1.1	13

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91	Structure of Zr and α -decay of the α -decaying isomer ^{97}Zr . <i>Physical Review C</i> , 2016, 93, .	1.1	13
92	Nuclear Hamiltonians: the question of their spectral predictive power and the associated inverse problem. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010, 37, 064031.	1.4	13
93	Predictive power and theoretical uncertainties of mathematical modelling for nuclear physics. <i>Physica Scripta</i> , 2013, T154, 014002.	1.2	13
94	Two-neutron and core-excited states in ^{210}Pb : Tracing collectivity and evidence for a new α -decaying isomer ^{210}Po . <i>Physical Review C</i> , 2016, 93, .	1.1	13
95	Giant dipole emission in N/Z asymmetric heavy-ion reactions. <i>Il Nuovo Cimento A</i> , 1998, 111, 613-619.	0.1	13
96	Approaching complete low-spin spectroscopy of ^{210}Bi with a cold-neutron capture reaction. <i>Physical Review C</i> , 2016, 93, .	1.1	12
97	Shell-model states with seniority \hat{I}^{π} 5, and 7 in odd- A neutron-rich Sn isotopes. <i>Physical Review C</i> , 2016, 93, .	1.1	12
98	The width of the giant dipole resonance built on excited states of Cu compound nuclei. <i>Zeitschrift für Physik A</i> , 1991, 340, 59-62.	0.9	11
99	Spectroscopy of the superdeformed band in ^{196}Pb . <i>Physical Review C</i> , 1993, 48, 2261-2269.	1.1	11
100	Yrast excitations of heavy tin region nuclei. <i>Physica Scripta</i> , 1995, T56, 94-97.	1.2	11
101	Probing the giant dipole resonance in the compound nucleus ^{156}Er . <i>Nuclear Physics A</i> , 1996, 604, 81-102.	0.6	11
102	High-spin yrast structure of ^{204}Hg from the decay of a four-hole, ^{204}Hg target. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 779, 456-459.	1.1	11
103	Neutron-rich nuclei produced at zero degrees in damped collisions induced by a beam of ^{18}O on a ^{238}U target. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 779, 456-459.	1.5	11
104	Search for entrance channel dependence in the population of superdeformed bands in ^{191}Hg . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 350, 173-177.	1.5	10
105	Spectroscopic study of ^{228}Th - ^{234}Th nuclei using multi-nucleon transfer reactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1999, 25, 831-834.	1.4	10
106	Single-particle and collective structures in ^{55}Cr and ^{55}V . <i>Physical Review C</i> , 2011, 83, .	1.1	10
107	Multipolarity of the ^{210}Bi ground-state transition in ^{210}Bi via multivariable angular correlation analysis. <i>Physical Review C</i> , 2016, 94, .	1.1	10
108	Towards the lowest-energy limit for light ions identification with silicon pixel-type detectors. <i>European Physical Journal A</i> , 2018, 54, 1.	1.0	10

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109	Spectroscopy of Neutron Induced Reactions with the β -ball Spectrometer. Acta Physica Polonica B, 2019, 50, 297.	0.3	10
110	Yrast excitations in ^{129}Te . Zeitschrift für Physik A, 1995, 353, 11-12.	0.9	9
111	Coupling of the proton-hole and neutron-particle states in the neutron-rich ^{48}K isotope. Physical Review C, 2011, 84, .	1.1	9
112	Octupole transitions in the ^{208}Pb region. Journal of Physics: Conference Series, 2015, 580, 012010.	0.3	9
113	Revised B(E3) transition rate and structure of the $3\alpha^{-}$ level in ^{96}Zr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 396-400.	1.5	9
114	Decays of $(\nu_{11/2}^{-})^{10+}$ and $(\pi d_{5/2}^{-})^{25/2+}$ isomers in even-A Sn and odd-A Sb nuclei. Zeitschrift für Physik A, Atomic Nuclei, 1987, 328, 487-492.	0.3	8
115	High spin states above the \hat{I}^{\pm} -decaying isomer in ^{211}Po . European Physical Journal A, 1998, 1, 355-357.	1.0	8
116	Spectroscopy and lifetime measurements in ^{134}Te and ^{136}Te isotopes and implications for the nuclear structure beyond ^{138}Te .	1.1	8
117	Giant dipole resonance in $^{55}\text{Mn}^*$ studied with the BGO detector. Zeitschrift für Physik A, 1992, 344, 145-147.	0.9	7
118	Mass and charge release by the evaporation of particles from compound nuclei around mass 60. Zeitschrift für Physik A, 1992, 342, 61-66.	0.9	7
119	Statistical significance of theoretical predictions: A new dimension in nuclear structure theories (II). Journal of Physics: Conference Series, 2011, 267, 012063.	0.3	7
120	Title is missing!. Acta Physica Polonica B, 2011, 42, 817.	0.3	7
121	Study of the soft dipole modes in ^{140}Ce via inelastic scattering of ^{17}O . Physica Scripta, 2014, 89, 054016.	1.2	7
122	The Use of CsI(Tl) Scintillators with Photodiode Read-Out in Heavy Ion Experiments. IEEE Transactions on Nuclear Science, 1987, 34, 423-426.	1.2	6
123	NUCLEAR MEAN-FIELD HAMILTONIANS AND FACTORS LIMITING THEIR PREDICTIVE POWER. International Journal of Modern Physics E, 2010, 19, 652-664.	0.4	6
124	Statistical significance of theoretical predictions: A new dimension in nuclear structure theories (I). Journal of Physics: Conference Series, 2011, 267, 012062.	0.3	6
125	Title is missing!. Acta Physica Polonica B, 2011, 42, 633.	0.3	6
126	High-seniority Excitations in Even Neutron-rich Sn Isotopes Populated in Fusion-Fission Reactions. Acta Physica Polonica B, 2013, 44, 395.	0.3	6

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127	Towards the Determination of Superdeformation in ^{42}Ca . Acta Physica Polonica B, 2013, 44, 617.	0.3	6
128	Charged particle decay of hot and rotating ^{88}Mo nuclei in fusion-evaporation reactions. Physical Review C, 2016, 93, .	1.1	6
129	Evidence of octupole-phonons at high spin in ^{207}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134797.	1.5	6
130	spectroscopy of the ^{96}Y isotope: Searching for the onset of shape coexistence before ^{96}Zr .	1.1	6
131	Contrasting properties of particle-particle and hole-hole excitations in ^{206}Tl and ^{210}Bi nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135222.	1.5	6
132	Enhanced ^{46}Ti \pm $\hat{1}$ -particle production from fusion evaporation reactions leading to ^{46}Ti . Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 045101.	1.4	6
133	Accessing tens-to-hundreds femtoseconds nuclear state lifetimes with low-energy binary heavy-ion reactions. European Physical Journal A, 2021, 57, 1.	1.0	6
134	Complete set of bound negative-parity states in the neutron-rich nucleus ^{18}N .	1.1	6
135	Shapes of ^{59}Cu nuclei at moderate excitation energies and spin. Physical Review C, 1989, 40, R1570-R1573.	1.1	5
136	NUCLEAR MEAN-FIELD HAMILTONIANS AND FACTORS LIMITING THEIR SPECTROSCOPIC PREDICTIVE POWER: ILLUSTRATIONS. International Journal of Modern Physics E, 2010, 19, 665-671.	0.4	5
137	A new method for the determination of very small ^{13}C partial widths. EPJ Web of Conferences, 2017, 165, 01009.	0.1	5
138	Prompt and delayed ^{13}C spectroscopy of neutron-rich ^{94}Kr and observation of a new isomer. Physical Review C, 2020, 102, .	1.1	5
139	Shape Coexistence and Shape Isomerism in the Ni Isotopic Chain. Acta Physica Polonica B, 2019, 50, 605.	0.3	5
140	Quasielastic transfer in the $^{136}\text{Xe}+^{64}\text{Ni}$ reaction. Physical Review C, 1997, 55, 2541-2555.	1.1	4
141	New states in $^{44,46}\text{Ar}$ isotopes from deep-inelastic heavy ion reaction studies. European Physical Journal A, 2000, 7, 147-148.	1.0	4
142	Study of the Mo-Ba partition in ^{252}Cf spontaneous fission. European Physical Journal A, 2000, 7, 189-195.	1.0	4
143	Search for Intruder States in ^{68}Ni and ^{67}Co . Acta Physica Polonica B, 2013, 44, 371.	0.3	4
144	Core Excitations Across the Neutron Shell Gap in ^{207}Tl . Acta Physica Polonica B, 2013, 44, 381.	0.3	4

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145	Angular Distributions of γ Rays from ^{210}Bi Produced in $^{208}\text{Pb}+^{208}\text{Pb}$ Deep-inelastic Reactions. Acta Physica Polonica B, 2014, 45, 205.	0.3	4
146	γ Spectroscopy of Neutron-rich Nuclei with $\approx 100\text{eV}$ Produced by Cluster Transfer Reactions at REX-ISOLDE. Acta Physica Polonica B, 2014, 45, 343.	0.3	4
147	The $(n,\hat{3})$ campaigns at EXILL. EPJ Web of Conferences, 2015, 93, 01014.	0.1	4
148	Particle-core Couplings Close to Neutron-rich Doubly-magic Nuclei. Acta Physica Polonica B, 2015, 46, 637.	0.3	4
149	Yrast Structure Above the 9.6 s 8^+ Isomer in ^{96}Y Isotope. Acta Physica Polonica B, 2017, 48, 581.	0.3	4
150	The Low-spin Structure of ^{206}Tl Studied by γ -ray Spectroscopy from Thermal Neutron Capture Reaction. Acta Physica Polonica B, 2018, 49, 561.	0.3	4
151	Dynamical deformation of nuclei participating in deep-inelastic collisions. Acta Physica Hungarica A Heavy Ion Physics, 1998, 7, 71-82.	0.4	4
152	Observation of selective β^3 decay of fission-like fragments in the $\text{Ni}32$ reaction at 143 MeV. Physical Review C, 1987, 35, 338-340.	1.1	3
153	Local states of implanted and displaced iron ions in hematite, Fe_2O_3 . Radiation Effects and Defects in Solids, 1991, 116, 97-109.	0.4	3
154	Yrast isomers in exotic $N=81$ nucleus $\text{Yb}151$ studied using a fragment mass analyzer. Physical Review C, 1993, 47, 1929-1932.	1.1	3
155	Giant dipole resonance studied with GASP. Nuclear Physics A, 1996, 599, 111-116.	0.6	3
156	High-energy β^3 -ray spectra associated with selected evaporation β^3 -ray residues in low-energy fusion reactions. Physical Review C, 1997, 55, 1594-1595.	1.1	3
157	Neutron-particle and proton-hole excitations in the $N=128$ isotones ^{208}Hg and ^{209}Tl from spectroscopy following $^{208}\text{Pb}+^{238}\text{U}$ deep-inelastic reactions. Journal of Physics: Conference Series, 2011, 267, 012035.	0.3	3
158	NUCLEAR PHYSICS HAMILTONIANS, INVERSE PROBLEM AND THE RELATED ISSUE OF PREDICTIVE POWER. International Journal of Modern Physics E, 2012, 21, 1250053.	0.4	3
159	Structure of ^{207}Pb Populated in $^{208}\text{Pb} + ^{208}\text{Pb}$ Deep-inelastic Collisions. Acta Physica Polonica B, 2015, 46, 619.	0.3	3
160	Particle-phonon coupling: Understanding the variety of excitations in the low-lying spectra of odd nuclei. European Physical Journal A, 2019, 55, 1.	1.0	3
161	Low-spin particle-core and hole-core excitations in ^{41}Ca and ^{47}Ca isotopes studied by cold-neutron-capture reactions. Physical Review C, 2021, 103, ...	1.1	3
162	Investigating Core Excitations in the ^{131}Sn One-valence-hole Nucleus. Acta Physica Polonica B, 2019, 50, 285.	0.3	3

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163	Discrete γ -rays in the reactions of $^{143}\text{MeV}^{32}\text{S}$ with ^{58}Ni . Zeitschrift für Physik A, Atomic Nuclei, 1986, 324, 161-171.	0.3	2
164	Fragment dependence of high energy γ -ray emission in the spontaneous fission of ^{252}Cf . European Physical Journal A, 1999, 4, 343-348.	1.0	2
165	Lifetime Measurements of Short Lived States in ^{66}Ge . Acta Physica Polonica B, 2013, 44, 501.	0.3	2
166	Measurement of light charged particles in the decay channels of medium-mass excited compound nuclei. EPJ Web of Conferences, 2014, 66, 03090.	0.1	2
167	Medium and high spin structure in the ^{94}Y isotope produced in fission induced by cold neutrons. Physica Scripta, 2017, 92, 104001.	1.2	2
168	Clustering in light nuclei and their effects on fusion and pre-equilibrium processes.. EPJ Web of Conferences, 2017, 163, 00020.	0.1	2
169	(n, γ) reactions on rare Ca isotopes: Valence-hole - core excitation couplings in ^{47}Ca . EPJ Web of Conferences, 2018, 193, 05001.	0.1	2
170	Lifetime measurements of short-lived excited states, and shape changes in ^{69}As and ^{66}Ge nuclei. Physical Review C, 2019, 100, .	1.1	2
171	Lifetime Measurements of Short Lived States in ^{69}As . Acta Physica Polonica B, 2014, 45, 235.	0.3	2
172	Study of ^{41}Ca via Cold Neutron Capture. Acta Physica Polonica B, 2017, 48, 577.	0.3	2
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