Marek Karny

List of Publications by Year
in descending order

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157 papers	2,840 citations	172386 29 h-index	206029 48 g-index
161 all docs	161 docs citations	161 times ranked	1348 citing authors

#	Article	IF	Citations
1	Radioactive decays at limits of nuclear stability. Reviews of Modern Physics, 2012, 84, 567-619.	16.4	318
2	Superallowed Gamowâ€“Teller decay of the doubly magic nucleus 100Sn. Nature, 2012, 486, 341-345.	13.7	147
3	Two-Proton Correlations in the Decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>45</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2007, 99, 192501.	2.9	108
4	New isotopes and isomers produced by the fragmentation of U at 1000 MeV/nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 32-37.	1.5	91
5	Î²decay of66Co,68Co,and70Co. Physical Review C, 2000, 61, .	1.1	87
6	Low energy structure of evenâ€“even Ni isotopes close to 78Ni. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 622, 45-54.	1.5	74
7	Proton emitters140Hoand141Ho: Probing the structure of unbound Nilsson orbitals. Physical Review C, 1999, 60, .	1.1	68
8	Coupling a total absorption spectrometer to the GSI on-line mass separator. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 411-415.	0.6	67
9	Pulse pileup correction of large NaI(Tl) total absorption spectra using the true pulse shape. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 430, 488-497.	0.7	67
10	Monte Carlo simulation of the response of a large NaI(Tl)total absorption spectrometer for Î²-decay studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 430, 333-347.	0.7	60
11	Fine Structure in Proton Emission fromT145mDiscovered with Digital Signal Processing. Physical Review Letters, 2003, 90, 012502.	2.9	58
12	Î²decay of97Ag:â€‚â€‚Evidence for the Gamow-Teller resonance near100Sn. Physical Review C, 1999, 60, .	1.1	56
13	First Observation of theTz=â^'7/2Nuclei45Fe and49Ni. Physical Review Letters, 1996, 77, 2893-2896.	2.9	55
14	Complete correlation studies of two-proton decays: 6Be and 45Fe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 677, 30-35.	1.5	50
15	New Half-lives of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>r</mml:mi></mml:math>-process Zn and Ga Isotopes Measured with Electromagnetic Separation. Physical Review Letters, 2012, 109, 112501.	2.9	47
16	Shell structure beyond the proton drip line studied via proton emission from deformed 141Ho. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 52-56.	1.5	46
17	Decays of the Three Top Contributors to the Reactor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mover accent="true"><mml:mi>Î½</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover><mml:mi>e</mml:mi></mml:msub></mml:math>High-Energy Spectrum.<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Rb</mml:mi></mml:mrow><mml:mprescripts />	2.9	46
18	High-spin studies near 100Sn with NORDBALL: New results on 102In, 104In and 108Sb. Nuclear Physics A, 1993, 557, 401-410.	0.6	38

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19	Î²decay of98Ag:Evidence for the Gamow-Teller resonance near100Sn. Physical Review C, 2000, 62, .	1.1	37
20	First observation of Î²-delayed three-proton emission inFe45. Physical Review C, 2007, 76, .	1.1	37
21	Identification of a proton-emitting isomer in151Lu. Physical Review C, 1999, 59, R2984-R2988.	1.1	36
22	Beta decay of 101Sn. European Physical Journal A, 2007, 31, 319-325.	1.0	35
23	Decay properties of very neutron-deficient isotopes of silver and cadmium. Nuclear Physics A, 1997, 624, 185-209.	0.6	34
24	Isomerism in 96Ag and non-yrast levels in 96Pd and 95Rh, studied in Î² decay. Nuclear Physics A, 2003, 720, 245-273.	0.6	31
25	Neutron single-particle states populated via proton emission from146Tmand150Lu. Physical Review C, 2003, 68, .	1.1	31
26	Impact of Modular Total Absorption Spectrometer measurements of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>decay of fission products on the decay heat and reactor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mover accent="true"><mml:mi>Î½</mml:mi><mml:mo accent="true" stretchy="false">Â¯</mml:mo></mml:mover><mml:mi>e</mml:mi></mml:msub></mml:math>flux calculati	2.9	30
27	Isomeric states in 66As. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 247-253.	1.5	29
28	Î² decay of100In. Physical Review C, 2002, 66, .	1.1	29
29	Systematics of isomeric configurations inN=77odd-Zisotones near the proton drip line. Physical Review C, 2006, 73, .	1.1	29
30	Nuclear structure studies at the proton drip line via proton radioactivity studies. Nuclear Instruments & Methods in Physics Research B, 2005, 241, 185-189.	0.6	28
31	High-spin studies of the neutron deficient nuclei 103In, 105In, 107In, and 109In. Nuclear Physics A, 1997, 627, 239-258.	0.6	27
32	Fine structure of the Gamow-Teller resonance revealed in the decay of150Ho2â^'isomer. Physical Review C, 2003, 68, .	1.1	27
33	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>-delayed proton emission branches in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Cr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>43</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2011, 83, .	1.1	26
34	Gamowâ€“Teller strength distribution near 100Sn. The beta decay of 102In. Nuclear Physics A, 2003, 724, 313-332.	0.6	25
35	Beta decay of 103In: Evidence for the Gamow-Teller resonance near 100Sn. Nuclear Physics A, 1998, 640, 3-23.	0.6	24
36	Decay spectroscopy of suburanium isotopes following projectile fragmentation of 238U at 1GeV/u. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 591-601.	0.7	24

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37	Discovery of the new proton emitter 144Tm. European Physical Journal A, 2005, 25, 145-147.	1.0	23
38	Complete <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -decay pattern for the high-priority decay-heat isotopes <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">I</mml:mi><mml:mprescripts /><mml:none /><mml:mn>137</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w	1.1	23
39	Towards digital spectroscopy of proton emitters. Nuclear Physics A, 2001, 682, 270-278.	0.6	22
40	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="bold">Î²</mml:mi></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn>71</mml:mn><mml:mo>,</mml:mo><mml:mn>73</mml:mn></mml:mrow></mml:msup></mml:math>Co: Probing single-particle states approaching doubly magic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:	1.1	21
41	Modular total absorption spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 836, 83-90.	0.7	21
42	Beta decay of 103Sn. European Physical Journal A, 2005, 25, 211-222.	1.0	20
43	New half-life measurements of the most neutron-rich arsenic and germanium isotopes. Physical Review C, 2013, 87, .	1.1	20
44	In-beam spectroscopy study of the proton emitter151Lu. Physical Review C, 1998, 58, R3042-R3045.	1.1	19
45	Proton emission from150Lu. Physical Review C, 1999, 61, .	1.1	19
46	Excitation energy of the T=0 Î²-decaying 9+ isomer in Br70. Physical Review C, 2004, 70, .	1.1	19
47	Beta decay of the proton-rich nuclei 102Sn and 104Sn. European Physical Journal A, 2006, 27, 129-136.	1.0	19
48	A new pulsed release method for element selective production of neutron rich isotopes near 208Pb. Nuclear Instruments & Methods in Physics Research B, 1998, 134, 267-270.	0.6	18
49	Beta decay of 56Cu. Nuclear Physics A, 2001, 695, 69-81.	0.6	18
50	Isomeric and ground-state decay of 215 Bi. European Physical Journal A, 2003, 18, 31-37.	1.0	18
51	Structure of low-lying states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Cd</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>124</mml:mn><mml:mo>,</mml:mo><mml:mn>126</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> populated by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay of <mml:m	1.1	18
52	The GT resonance revealed in Î²+-decay using new experimental techniques. Nuclear Physics A, 1999, 654, 727c-730c.	0.6	17
53	Determination of the Gamowâ€“Teller strength function for the neutron-deficient isotopes 104â€“107In. Nuclear Physics A, 2001, 690, 367-381.	0.6	17
54	Experimental study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Mat	1.1	17

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55	Production cross-sections of protactinium and thorium isotopes produced in fragmentation of 238U at 1â€‰A GeV. Nuclear Physics A, 2006, 767, 1-12.	0.6	16
56	Modular Total Absorption Spectrometer at the HRIBF (ORNL, Oak Ridge). Nuclear Data Sheets, 2014, 120, 22-25.	0.7	16
57	Reexamining Gamow-Teller decays near<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>78</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 93, .	1.1	16
58	The BRIKEN Project: Extensive Measurements of $eta $-delayed Neutron Emitters for the Astrophysical r Process. Acta Physica Polonica B, 2018, 49, 417.	0.3	16
59	Beta-decay studies near 100Sn. European Physical Journal A, 2005, 25, 135-138.	1.0	15
60	The nonlinear light output of NaI(Tl) detectors in the Modular Total Absorption Spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 788, 137-145.	0.7	15
61	Two-proton radioactivity of 45Fe. European Physical Journal A, 2009, 42, 431.	1.0	14
62	Decay properties of ground-state and isomer of 103In. Zeitschrift FÃ¼r Physik A, 1997, 359, 117-126.	0.9	13
63	Structure Of Rare-Earth Nuclei Around The Proton Drip Line. AIP Conference Proceedings, 2005, , .	0.3	13
64	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-decay study of neutron-rich bromine and krypton isotopes. Physical Review C, 2013, 88, .	1.1	13
65	$eta $ decay of⁷²Co and microsecond isomers in even-mass neutron-rich nickel isotopes. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115104.	1.4	13
66	Strong one-neutron emission from two-neutron unbound states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decays of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>r</mml:mi></mml:math> -process nuclei <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ga</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>86</mml:mn></mml:mrow>	1.1	13
67	Î²-decay studies of107Sb and other neutron-deficient antimony isotopes. Physical Review C, 1997, 55, 1715-1723.	1.1	12
68	Systematics of Gamow-Teller beta decay â€œSoutheastâ€•of 100Sn. European Physical Journal A, 2010, 46, 45-53.	1.0	12
69	New half-lives of very neutron-rich iron isotopes. Physical Review C, 2013, 88, .	1.1	12
70	Total absorption spectroscopy of 58Cu decay. European Physical Journal A, 2001, 12, 143-145.	1.0	11
71	The decay of the new neutron-rich isotope 217Bi. European Physical Journal A, 2003, 18, 5-8.	1.0	11
72	Beta-delayed Î³ and neutron emission near the double shell closure at 78Ni. European Physical Journal A, 2005, 25, 93-94.	1.0	11

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73	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-decay study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>150</mml:mn></mml:msup></mml:math>Er,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>152</mml:mn></mml:msup></mml:math>Yb, and<mml:math xmlns:mml="http://www.w3.org/1	1.1	11
74	Statistical analysis of rare events–synthesis of the element 114. European Physical Journal A, 2000, 8, 81.	1.0	10
75	Î²decay ofDy148: Study of the Gamow-Teller giant state by means of total absorption spectroscopy. Physical Review C, 2004, 70, .	1.1	10
76	Studies of Î²-delayed proton decays of Nâ‰ƒZ nuclei around 100Sn at the GSI-ISOL facility. Nuclear Physics A, 2004, 746, 66-70.	0.6	9
77	Excited states of111I and the observation of a 21 ns isomer. Zeitschrift FÃ¼r Physik A, 1994, 350, 179-180.	0.9	8
78	Beta-decay spectroscopy of 103, 105Sn. European Physical Journal A, 2005, 25, 139-141.	1.0	8
79	Gamow-Teller beta decay of 105Sn. European Physical Journal A, 2006, 29, 183-188.	1.0	8
80	Decay Q-value of 105Sn and of other nuclei near 100Sn, measured at the GSI on-line mass separator. International Journal of Mass Spectrometry, 2006, 251, 138-145.	0.7	8
81	The (6+) isomer in 102Sn revisited: Neutron and proton effective charges close to the double shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136591.	1.5	8
82	Beta decay of 57Zn*. EPJ Direct, 2002, 4, 1-11.	0.1	7
83	Study of fine structure in the proton radioactivity of 146Tm. European Physical Journal A, 2005, 25, 149-150.	1.0	7
84	Identification of an Î±-decaying (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 isomer in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Fr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>216</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2007, 76, .	1.1	7
85	Measuring the absolute decay probability of82Sr by ion implantation. Physical Review C, 2012, 85, .	1.1	7
86	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>-decay properties of the very neutron-rich isotopes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>86</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathv	1.1	7
87	Towards new proton radioactivities with radioactive beams and digital signal processing. Nuclear Physics A, 2002, 701, 179-183.	0.6	6
88	First Results from the Modular Total Absorption Spectrometer at the HRIBF. Acta Physica Polonica B, 2014, 45, 545.	0.3	6
89	Observations of the Gamow-Teller resonance in the rare-earth nuclei aboveGd146populated inÎ²decay. Physical Review C, 2016, 93, .	1.1	6
90	$eta $ Decays of ^{92}Rb, $^{96mathrm {gs}}$Y, and ^{142}Cs Measured with the Modular Total Absorption Spectrometer and the Influence of $gamma $ Multiplicity on Total Absorption Spectrometry Measurements. Acta Physica Polonica B, 2017, 48, 507.	0.3	6

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91	Multiple Î³ Emission of the 137Xe 2849â€“2850â€…keV Levels Studied with the Modular Total Absorption Spectrometer (MTAS). , 2015, , .		6
92	Determination of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -decay feeding patterns of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Rb</mml:mi><mml:mprescripts /><mml:none /><mml:mn>88</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Kr</mml:mi><mml:mprescripts	1.1	6
93	Beta-delayed proton emission around N=50 and the rp-process. Zeitschrift FÃ¼r Physik A, 1996, 356, 229-231.	0.9	5
94	Beta-decay studies using total absorption spectroscopy. European Physical Journal A, 2003, 20, 199-202.	1.0	5
95	First Results from the Modular Total Absorption Spectrometer at the HRIBF. Nuclear Data Sheets, 2014, 120, 26-29.	0.7	5
96	Beta Decay of the Most Neutron-rich Isotopes Close to ^{78}Ni. Acta Physica Polonica B, 2015, 46, 713.	0.3	5
97	Updated Î² -decay measurement of neutron-rich Cu74. Physical Review C, 2018, 98, .	1.1	5
98	Deciphering <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Nb</mml:mi><mml:mprescripts /><mml:none /><mml:mn>98</mml:mn></mml:mmultiscripts></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay with the Modular Total Absorption Spectrometer at ORNL. Physical Review C, 2022, 105, .	1.1	5
99	The rp-process and new measurements of Î²-delayed proton decay of light Ag and Cd isotopes. Nuclear Physics A, 1997, 621, 215-218.	0.6	3
100	Fine structure in proton emission. AIP Conference Proceedings, 2002, , .	0.3	3
101	Î²-decay study ofKr94. Physical Review C, 2016, 94, .	1.1	3
102	Î²andÎ²â^'ndecay of the neutron-richGe84nucleus. Physical Review C, 2016, 93, .	1.1	3
103	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>In</mml:mi><mml:mprescripts /><mml:none /><mml:mn>124</mml:mn></mml:mmultiscripts></mml:math>levels populated in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cd</mml:	1.1	3
104	Experimental study of the Î² decay of the very neutron-rich nucleus Ge85. Physical Review C, 2017, 95, .	1.1	3
105	Identification of new transitions and levels in Gd163 from Î² -decay studies. Physical Review C, 2020, 101, .	1.1	3
106	Beta-delayed proton emission around N=50 and the rp-process. Zeitschrift FÃ¼r Physik A, 1987, 356, 229-231.	0.9	2
107	Fine structure in one-proton emission studied at Oak Ridge. AIP Conference Proceedings, 2003, , .	0.3	2
108	Lifetimes of proton unstable states in 113I measured by the particle-X-ray coincidence technique. European Physical Journal A, 2005, 24, 205-209.	1.0	2

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109	Isomer And Beta-Decay Studies Of Nuclei Near 78Ni. AIP Conference Proceedings, 2005, , .	0.3	2
110	Beta-strength and anti-neutrino spectra from total absorption spectroscopy of a decay chain 142Csâ†'142Baâ†'142La. EPJ Web of Conferences, 2017, 146, 10005.	0.1	2
111	Production and identification of new, neutron-rich nuclei in the. , 1998, , .		1
112	Proton decay studies at HRIBF. , 1998, , .		1
113	Prospects for future proton studies at HRIBF. AIP Conference Proceedings, 2000, , .	0.3	1
114	Fine structure in proton emission from the deformed [sup 141g.s]Ho [sup 141m]Ho. AIP Conference Proceedings, 2007, , .	0.3	1
115	Systematics of Low Energy Collective States in neutron-rich Cd Isotopes. Journal of Physics: Conference Series, 2012, 387, 012005.	0.3	1
116	Experimental study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>n</mml:mi></mml:mrow></mml:math> of the neutron-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>54</mml:mn></mml:mrow></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><. Physical Review C, 2015, 92	1.1	1
117	Design of a new central module for the Modular Total Absorption Spectrometer. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 390-393.	0.6	1
118	Long-lived isomeric states and quasiparticle band structures in neutron-rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Gd</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>162</mml:mn><mml:mo>,</mml:mo><mml:mn>164</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> nuclei from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay. Physical R	1.1	1
119	Beta strength distribution in neutron-deficient nuclei. , 1998, , .		0
120	The GT resonance revealed in. , 1998, , .		0
121	Interplay between nuclear structure and reaction mechanism in the production of projectile-like short-lived isomers. , 1998, , .		0
122	New approach to the analysis of total absorption spectra. , 1998, , .		0
123	Beta-decay of. , 1998, , .		0
124	On the road to doubly-magic. , 1998, , .		0
125	Beta-decay of. , 1998, , .		0
126	Decay properties of ground-state and isomer of. , 1998, , .		0

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127	Proton decay studies of the light Lu, Tm and Ho isotopes. , 1999, , .		0
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