

Radomira Lozeva

List of Publications by Year in descending order

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122
papers

2,146
citations

236925

25
h-index

243625

44
g-index

124
all docs

124
docs citations

124
times ranked

1395
citing authors

#	ARTICLE	IF	CITATIONS
37	g Factor of the Cl ground state: Shape evolution of neutron-rich isotopes in the triaxial degree of freedom. Physical Review C, 2020, 101, .	2.9	16
38	Mo isotopes in the triaxial degree of freedom. Physical Review C, 2020, 101, .	2.9	16
39	The DESPEC setup for GSI and FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1033, 166662.	1.6	14
40	g -factor measurements at RISING: The cases of ^{127}Sn and ^{128}Sn . Europhysics Letters, 2010, 91, 42001.	2.0	13
41	New decay scheme of the Sb 85 isomer. Physical Review C, 2015, 92, 054307.	2.9	12
42	g Factor of the ^{126}Sn isomer and first observation of spin-alignment in relativistic fission. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 305-309.	4.1	11
43	Coulomb excitation of the ^{70}Cu isomer. Nuclear Structure of Ni .	2.9	11
44	Nuclear Structure of Ni from the Tj ETQq000rgBT/Overlack 10 Tf 5	2.9	11
45	Investigation of scintillation detectors for relativistic heavy ion calorimetry. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 678-681.	1.4	10
46	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
47	Factor of the Zr		

#	ARTICLE	IF	CITATIONS
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55	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ selection in the decay of the $\langle \text{mml:math} \rangle$		
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#	ARTICLE	IF	CITATIONS
73	effective single-particle energies above $N=78$: A hint from lifetime measurements in the $N=51$ isotopes. <i>Physical Review Letters</i> , 2020, 124, 132301.	2.9	4
74	Characteristics of the DEGAS-FATIMA Hybrid setup for the DESPEC program at NUSTAR. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 987, 164806.	1.6	4
75	Identification of heavy ion reaction channels with a new CALorimeter TElescope within RISING. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1917-S1920.	3.6	3
76	Fission of Relativistic Nuclei with Fragment Excitation and Reorientation. <i>Physical Review Letters</i> , 2020, 124, 132301.	7.8	3
77	Spectroscopy of nuclei approaching the proton drip-line using a secondary-fragmentation technique with the RISING detector array. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1527-S1530.	3.6	2
78	Title is missing!. <i>Acta Physica Polonica B</i> , 2011, 42, 537.	0.8	2
79	First lifetime investigations of $N=82$ iodine isotopes: The quest for collectivity. <i>Physical Review C</i> , 2021, 104, .	2.9	2
80	First observation of the $\tilde{\pi}$ partner orbital configuration in the odd-odd $N=82$ nuclei. <i>Physical Review C</i> , 2022, 105, .	2.9	2
81	Status of the RISING project at GSI. <i>European Physical Journal A</i> , 2005, 25, 719-722.	2.5	1
82	Pushing the limits of spectroscopy with $S=3$. , 2011, , .		1
83	Collectivity of neutron-rich Cr and Fe toward $N=50$. <i>EPJ Web of Conferences</i> , 2016, 107, 03007.	0.3	1
84	Toward lifetime and α -factor measurements of short-lived states in the vicinity of ^{208}Pb . <i>Physica Scripta</i> , 2017, 92, 054004.	2.5	1
85	Gamow-Teller transitions between proton $h_{11/2}$ and neutron $h_{9/2}$ partner orbitals in ^{140}I . <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
86	Studies of fission fragment yields via high-resolution γ -ray spectroscopy. <i>EPJ Web of Conferences</i> , 2018, 169, 00030.	0.3	1
87	gSPEC. <i>Hyperfine Interactions</i> , 2019, 240, 1.	0.5	1
88	Production and Study of Neutron-rich Nuclei Using the LICORNE Directional Neutron Source. <i>Acta Physica Polonica B</i> , 2017, 48, 395.	0.8	1
89	β^2 Decay Half-Lives of $A \approx 1/4$ 110 Nuclei on the r -Process Path. , 2015, , .		1
90	Boulay et al. Reply. <i>Physical Review Letters</i> , 2021, 127, 169202.	7.8	1

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91	Lifetime measurement around ^{132}Sn with the $\hat{1}\frac{1}{2}$ -Ball array. Journal of Physics: Conference Series, 2020, 1643, 012135. Various nuclear structures in ^{140}Xe studied by $\hat{1}^2$ decay of ground and isomeric states in ^{137}Te nucleus. Physical Review C, 2022, 106, .	0.4	1
92	^{140}Xe studied by $\hat{1}^2$ decay of ground and isomeric states in ^{137}Te nucleus. Physical Review C, 2022, 106, .	2.9	1
93	^{137}Te nucleus. Physical Review C, 2022, 106, .	2.9	1
94	RISING: Gamma-ray Spectroscopy with Radioactive Beams at GSI. AIP Conference Proceedings, 2007, , .	0.4	0
95	Magnetic moment of ^{43m}S . , 2008, , .		0
96	Yrast Isomers In The Vicinity Of ^{132}Sn . , 2009, , .		0
97	Probing High-Velocity Transient-Field Strength Using Heavy-ions Traversing Fe and Gd. , 2009, , .		0
98	Optimal Si detection for the focal plane detection system of S3 @ SPIRAL2. , 2010, , .		0
99	Publisher's Note: g-factor of the ^{144}Cl ground state: Probing the reduced $Z=16$ and $N=28$ gaps [Phys. Rev. C 81, 034308 (2010)]. Physical Review C, 2010, 81, .	2.9	0
100	Single and Multi-Nucleon Transfer Reactions for Nuclear Moment Studies Toward Radioactive-Ion Beams. AIP Conference Proceedings, 2010, , .	0.4	0
101	First prompt in-beam $\hat{1}^3$ -ray spectroscopy of a superheavy element: the ^{256}Rf . Journal of Physics: Conference Series, 2013, 420, 012010. Publisher's Note: New decay scheme of the ^{85}Sb isomer [Phys. Rev. C 92 , 024304 (2015)]. Physical Review C, 2015, 92, .	0.4	0
102	^{85}Sb isomer [Phys. Rev. C 92 , 024304 (2015)]. Physical Review C, 2015, 92, .	2.9	0
103	New Isomers in Neutron-Rich Cs Isotopes. , 2015, , .		0
104	Shape Evolution in Neutron-Rich Ru Nuclei. , 2015, , .		0
105	Are the nuclei beyond ^{132}Sn very exotic?. Journal of Physics: Conference Series, 2016, 724, 012030. Magnetic moment of the ^{13}Cu isomeric state in ^{69}Cu one-nucleon removal reaction. Physical Review C, 2016, 93, .	0.4	0
106	^{13}Cu isomeric state in ^{69}Cu one-nucleon removal reaction. Physical Review C, 2016, 93, .	2.9	0
107	Inelastic scattering of $^{72,74}\text{Ni}$ off a proton target. Journal of Physics: Conference Series, 2016, 724, 012008.	0.4	0
108	New nuclear structure data after fission: The g.s. of ^{136}Sb . EPJ Web of Conferences, 2018, 193, 05005.	0.3	0

#	ARTICLE	IF	CITATIONS
109	New nuclear structure data beyond ^{136}Sn . EPJ Web of Conferences, 2018, 178, 02020.	0.3	0
110	Beyond ^{132}Sn : Examples of new data on exotic neutron-rich Te isotopes from fission and β^2 -decay. EPJ Web of Conferences, 2020, 232, 04008.	0.3	0
111	RARE ISOTOPES INVESTIGATIONS AT GSI (RISING) USING RELATIVISTIC ION BEAMS. , 2006, , .		0
112	Lifetime measurement of 2^+_{1-} state in ^{74}Zn by recoil-distance Doppler-shift method. , 2012, , .		0
113	β^3 -ray spectroscopy of fission fragments from the cold-neutron ^{235}U induced fission with EXILL. EPJ Web of Conferences, 2013, 62, 01006.	0.3	0
114	Half-Life Measurements of (2^+_{1-}) States in the Vicinity of ^{108}Zr and their Implications for Ground-State Deformations. , 2015, , .		0
115	LIFETIME MEASUREMENTS BEYOND ^{132}Sn . , 2017, , .		0
116	Coulomb Excitation of ^{142}Xe . Acta Physica Polonica B, 2018, 49, 529.	0.8	0
117	New nuclear structure data beyond ^{132}Sn . Eurasian Journal of Physics and Functional Materials, 2019, 3, 151-154.	0.6	0
118	New Nuclear Structure Data Beyond ^{132}Sn . , 2019, , .		0
119	Spectroscopic Study in Neutron-Rich Mn Isotopes Around the $N = 40$ "Island of Inversion", 2019, , .		0
120	(γ) -ray Spectroscopy of $(^{85})\text{Se}$ Produced in $(^{232})\text{Th}$ Fission. Acta Physica Polonica B, 2020, 51, 843.	0.8	0
121	Status of the RISING project at GSI. , 2005, , 719-722.		0
122	New study of the neutron rich ^{136}Te isotope through decay spectroscopy. EPJ Web of Conferences, 2022, 260, 11018.	0.3	0