Razvan Lica

List of Publications by Year
in descending order

58	474	759233 12	839539 18
papers	citations	h-index	g-index

60	60	60	556
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Collective properties of neutron-deficient Nd isotopes: Lifetime measurements of the yrast states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Nd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>136</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2021, 103, .	2.9	1
2	Competition between allowed and first-forbidden <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>At</mml:mi><mml:mprescripts /><mml:none /><mml:mn>208</mml:mn></mml:mmultiscripts></mml:math> and expansion of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Po</mml:mi><mml:mprescripts /><mml:none /><mml:mn>212</mml:mn></mml:mmultiscripts></mml:math>	2.9	6
3	Low-spin states in Ge80 populated in the Î² decay of the Ga80 3âˆ’ isomer. Physical Review C, 2021, 104, .	2.9	7
4	New evidence for alpha clustering structure in the ground state band of 212Po. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136624.	4.1	5
5	SORCERER: A novel particle-detection system for transfer-reaction experiments at ROSPHERE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 951, 163090.	1.6	4
6	Shape Coexistence at Zero Spin in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>64</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Fingerprint by Muon Spectroscopy. Physical Review Letters, 2020, 125, 102502.	7.8	24
7	Lifetimes of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Gd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>158</mml:mn></mml:mmultiscripts></mml:math> with the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>p</mml:mi></mml:math>	2.9	9
8	Detailed spectroscopy of doubly magic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>132</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 102,	2.9	10
9	Fast-timing study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ga</mml:mi><mml:mprescripts /><mml:none /><mml:mn>81</mml:mn></mml:mmultiscripts></mml:math> from the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay of <mml:math	2.9	1
10	Reexamined lifetimes of the low-lying states of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>86</mml:mn></mml:mmultiscripts></mml:math> by recoil distance differential decay measurements. Physical Review C, 2020, 102, .	2.9	0
11	Decay studies of the long-lived states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Tl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>186</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 102,	2.9	3
12	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>I³</mml:mi></mml:math> spectroscopy of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Y</mml:mi><mml:mprescripts /><mml:none /><mml:mn>96</mml:mn></mml:mmultiscripts></mml:math> isotope: Searching for the onset of shape coexistence before <mml:math	2.9	6
13	Decay: The Case of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math> Decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Hg</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>208</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>.	7.8	11
14	Octupole states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Tl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>207</mml:mn></mml:mmultiscripts></mml:math> studied through <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay. Physical Review C, 2020, 101, .	2.9	11
15	208Po populated through EC/Î²+ decay. Journal of Physics: Conference Series, 2020, 1643, 012116.	0.4	1
16	The Most Accurate Determination of the (^8)B Half-life. Acta Physica Polonica B, 2020, 51, 717.	0.8	1
17	Study of exotic decay of Cs isotope close to the proton drip line. Journal of Physics: Conference Series, 2020, 1643, 012127.	0.4	1
18	The experiments to determine the electron capture and Î²-decay of 8B into the highly excited states of 8Be. Journal of Physics: Conference Series, 2020, 1643, 012130.	0.4	1

#	Article	IF	Citations
19	Excited states of the odd-odd nucleus Eu158 from the (d,Î±) reaction. Physical Review C, 2019, 100, .	2.9	0
20	Lifetimes and shape-coexisting states of Zr99. Physical Review C, 2019, 100, .	2.9	10
21	Normal and intruder configurations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>34</mml:mn></mml:mmultiscripts></mml:math> populated in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>Î²</mml:mi><mml:mo>â^'</mml:mo></mml:msup></mml decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Mg</mml:mi><mml:mprescripts	2.9	11
22	Investigation of the Î”nâ€¯=â€¯0 selection rule in Gamow-Teller transitions: The Î²-decay of 207Hg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 271-275.	4.1	6
23	Radioactive boron beams produced by isotope online mass separation at CERN-ISOLDE. European Physical Journal A, 2019, 55, 1.	2.5	10
24	Evolution of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>E</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:m strength in the rare-earth isotopes <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Hf</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>174</mml:mn><mml:mo>,</mml:mo><mml:mn>176</mml:mn><mml:mo>,</mml:mo><mml:mn>178</mml:	2.9	6
25	Î² decay of In133 : Î³ emission from neutron-unbound states in Sn133. Physical Review C, 2019, 99, .	2.9	9
26	Î²-decay properties in the Cs decay chain. Journal of Physics: Conference Series, 2018, 966, 012024.	0.4	0
27	Evolution of deformation in neutron-rich Ba isotopes up to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mo>=</mml:mo> <mml:mn>150</mml: Physical Review C, 2018, 97, .	2.9	15
28	Signatures for a nuclear quantum phase transition from E 0 and E 2 observables in Gd isotopes. Journal of Physics: Conference Series, 2018, 1023, 012024.	0.4	0
29	First Accurate Normalization of the Î² -delayed Î± Decay of N16 and Implications for the C12(Î±,Î³)O16 Astrophysical Reaction Rate. Physical Review Letters, 2018, 121, 142701.	7.8	5
30	Lifetime measurements in Nd138. Physical Review C, 2018, 97, .	2.9	4
31	Investigation of Low-lying States in ^{133}Sn Populated in the $eta $ Decay of ^{133}In Using Isomer-selective Laser Ionization. Acta Physica Polonica B, 2018, 49, 523.	0.8	4
32	Half-life of the15/2+state ofI135: A test ofE2seniority relations. Physical Review C, 2017, 95, .	2.9	10
33	Î² decay studies of n-rich Cs isotopes with the ISOLDE Decay Station. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 054002.	3.6	14
34	Identification of the crossing point at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo> <mml:mn>121</mml:m between normal and intruder configurations. Physical Review C, 2017, 95, .	2.9	12
35	Publisher's Note: Half-life of the 15/2+ state of I135 : A test of E2 seniority relations [Phys. Rev. C 95 , 021302(R) (2017)]. Physical Review C, 2017, 95, .	2.9	0
36	Search for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ga</mml:mi><mml:mprescripts /><mml:none /><mml:mn>73</mml:mn></mml:mmultiscripts></mml:math> ground-state doublet splitting 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>Zn</mm	2.9	4

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37	EXILLâ€”a high-efficiency, high-resolution setup for Î³-spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.	1.2	39
38	Improved experimental determination of the branching ratio for Î²-delayed Î± decay of 16N. EPJ Web of Conferences, 2017, 165, 01031.	0.3	0
39	The ROSPHERE Î³-ray spectroscopy array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 837, 1-10.	1.6	48
40	Fast-timing lifetime measurement of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Gd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>152</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 94, .	2.9	7
41	Beta-delayed proton emission from 20Mg. European Physical Journal A, 2016, 52, 1.	2.5	14
42	Fast-timing study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>I</mml:mi></mml:math>-forbidden<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:msup><mml:m in<mml:math x. Physical Review C, 2016, 93, .	2.9	8
43	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>E</mml:mi><mml:mn>3</mml:mn></mml:mrow></mml: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>M</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml: strengths in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Bi</mml:mi><mml:mprescripts /><mml:mn>83</mml:mn><mml:mn>209</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C,	2.9	6
44	Multi-particle Emission from ${^{31}}$Ar at ISOLDE. Acta Physica Polonica B, 2016, 47, 747.	0.8	4
45	Properties of low-lying intruder states in 34Al and 34Si populated in the beta-decay of 34Mg. , 2015, , .		3
46	The (n,Î³) campaigns at EXILL. EPJ Web of Conferences, 2015, 93, 01014.	0.3	4
47	The status of the Target Preparation Laboratory at IFIN-HH Bucharest, Romania. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 707-711.	1.5	12
48	Lifetime of the yrast<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>I</mml:mi><mml:mi>Ï€</mml:mi></mml:msu and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>E</mml:mi><mml:mn>1</mml:mn></mml:mrow></mml:m in the transitional nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathv.	2.9	12
49	Test of the SO(6) selection rule in 196Pt using cold-neutron capture. Nuclear Physics A, 2015, 934, 1-7.	1.5	11
50	Search for particleâ€“vibration coupling in65Cu. EPJ Web of Conferences, 2014, 66, 02011.	0.3	1
51	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi><mml:mo>(</mml:mo><mml:mi>E</mml:mi> in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Kr</mml:mi><mml:mpresc. Physical Review C, 2014, 90, .	2.9	20
52	Structure ofLa130at low and medium spins. Physical Review C, 2014, 90, .	2.9	5
53	Probing particle-phonon-coupled states in the neutron-rich nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Cu</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>65</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>by lifetime	2.9	16
54	Low-lying isomeric states in <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>80</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> from the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>Î²</mml:mi><mml:mo>â^'</mml:mo></mml:msup></mml:	2.9	8

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55	Nuclei of the yrast<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math>state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>188</mml:mn></mml:msup></mml:math>W: Evolution of deformation and collectivity in neutron-rich tungsten isotopes. Physical Review C, 2013, 88, .	2.9	21
56	Structure of [sup 81]Ga populated from the Î²â^' decay of [sup 81]Zn. , 2013, , .		0
57	[sup 7]Li-induced reactions for fast-timing with LaBr[sub 3]:Ce detectors. , 2012, , .		2
58	Low-lying isomeric state in [sup 80]Ga from the Î²â^' decay of [sup 80]Zn. , 2012, , .		0