

Razvan Lica

List of Publications by Year in descending order

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58
papers

474
citations

759233

12
h-index

839539

18
g-index

60
all docs

60
docs citations

60
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	The ROSPHERE $\hat{\nu}$ -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
2	EXILL $\hat{\nu}$ a high-efficiency, high-resolution setup for $\hat{\nu}$ -spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.	1.2	39
3	Shape Coexistence at Zero Spin in ^{64}Ni . Physical Review Letters, 2014, 112, 082501.	7.8	24
4	Evolution of deformation and collectivity in neutron-rich tungsten isotopes. Physical Review C, 2013, 88, 014307.	2.9	21
5	Identification of the crossing point at ^{88}Kr between normal and intruder configurations. Physical Review C, 2014, 90, 014307.	2.9	20
6	Probing particle-phonon-coupled states in the neutron-rich nucleus ^{65}Cu by lifetime measurements with fast timing techniques. Physical Review C, 2014, 89, 014307.	2.9	16
7	Evolution of deformation in neutron-rich Ba isotopes up to ^{150}Ba . Physical Review C, 2018, 97, 014307.	2.9	15
8	Beta-delayed proton emission from ^{20}Mg . European Physical Journal A, 2016, 52, 1.	2.5	14
9	$\hat{\nu}$ 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
10	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
11	Lifetime of the yrast ^{12}E and ^{12}I in the transitional nucleus ^{196}Pt . Physical Review C, 2015, 91, 014307.	2.9	12
12	Test of the SO(6) selection rule in ^{196}Pt using cold-neutron capture. Nuclear Physics A, 2015, 934, 1-7.	1.5	11
13	Normal and intruder configurations in ^{34}Si populated in the ^{34}Si decay of ^{34}Al . Physical Review C, 2014, 89, 014307.	2.9	11
14	Decay of ^{208}Hg . Physical Review C, 2014, 89, 014307.	7.8	11
15	Octupole states in ^{207}Tl studied through ^{207}Tl decay. Physical Review C, 2020, 101, 014307.	2.9	11
16	Half-life of the $^{15/2+}$ state of ^{135}La : A test of E2 seniority relations. Physical Review C, 2017, 95, 014307.	2.9	10
17	Lifetimes and shape-coexisting states of ^{99}Zr . Physical Review C, 2019, 100, 014307.	2.9	10

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19	Radioactive boron beams produced by isotope online mass separation at CERN-ISOLDE. European Physical Journal A, 2019, 55, 1.	2.5	10
20	Detailed spectroscopy of doubly magic ^{132}Sn . Physical Review C, 2020, 102, .	2.9	10
21	\hat{I}^2 decay of ^{133}In : \hat{I}^3 emission from neutron-unbound states in ^{133}Sn . Physical Review C, 2019, 99, .	2.9	9
22	High-resolution study of excited states in ^{158}Gd with the ^{158}Gd reaction. Physical Review C, 2021, 102, .	2.9	9
23	High-resolution study of excited states in ^{80}Ga from the ^{80}Ga reaction. Physical Review C, 2021, 102, .	2.9	8
24	Fast-timing study of the ^{138}La -forbidden ^{138}La in ^{138}La . Physical Review C, 2016, 93, .	2.9	8
25	Fast-timing lifetime measurement of ^{152}Gd . Physical Review C, 2016, 94, .	2.9	7
26	Low-spin states in ^{80}Ge populated in the \hat{I}^2 decay of the ^{80}Ga $3\hat{a}^+$ isomer. Physical Review C, 2021, 104, .	2.9	7
27	Low-spin states in ^{80}Ge populated in the \hat{I}^2 decay of the ^{80}Ga $3\hat{a}^+$ isomer. Physical Review C, 2021, 104, .	2.9	6
28	Investigation of the $\hat{I}^n \hat{n} \hat{\epsilon}^- = \hat{a} \hat{\epsilon}^0$ selection rule in Gamow-Teller transitions: The \hat{I}^2 -decay of ^{207}Hg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 271-275.	4.1	6
29	Investigation of the $\hat{I}^n \hat{n} \hat{\epsilon}^- = \hat{a} \hat{\epsilon}^0$ selection rule in Gamow-Teller transitions: The \hat{I}^2 -decay of ^{207}Hg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 271-275.	2.9	6
30	Spectroscopy of the ^{176}Y isotope: Searching for the onset of shape coexistence in ^{176}Y . Physical Review C, 2014, 90, .	2.9	6
31	Structure of ^{208}At and expansion of the ^{208}At . Physical Review C, 2014, 90, .	2.9	6
32	Structure of ^{130}La at low and medium spins. Physical Review C, 2014, 90, .	2.9	5
33	First Accurate Normalization of the \hat{I}^2 -delayed \hat{I}^{\pm} Decay of ^{16}N and Implications for the $^{12}\text{C}(\hat{I}^{\pm}, \hat{I}^3)\text{O}$ Astrophysical Reaction Rate. Physical Review Letters, 2018, 121, 142701.	7.8	5
34	New evidence for alpha clustering structure in the ground state band of ^{212}Po . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136624.	4.1	5
35	The (n, \hat{I}^3) campaigns at EXILL. EPJ Web of Conferences, 2015, 93, 01014.	0.3	4
36	Search for the ^{73}Ga ground-state doublet splitting in the ^{73}Ga decay of ^{73}Zn . Physical Review C, 2014, 90, .	2.9	4

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37	Lifetime measurements in Nd138. Physical Review C, 2018, 97, .	2.9	4
38	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
39	Multi-particle Emission from ^{31}Ar at ISOLDE. Acta Physica Polonica B, 2016, 47, 747.	0.8	4
40	Investigation of Low-lying States in ^{133}Sn Populated in the β Decay of ^{133}In Using Isomer-selective Laser Ionization. Acta Physica Polonica B, 2018, 49, 523.	0.8	4
41	Properties of low-lying intruder states in ^{34}Al and ^{34}Si populated in the beta-decay of ^{34}Mg . , 2015, , .		3
42	Decay studies of the long-lived states in ^{81}Ga . Physical Review C, 2020, 102, .	2.9	3
43	^{7}Li -induced reactions for fast-timing with $\text{LaBr}_3\text{:Ce}$ detectors. , 2012, , .		2
44	Search for particle-vibration coupling in ^{65}Cu . EPJ Web of Conferences, 2014, 66, 02011.	0.3	1
45	Fast-timing study of ^{81}Ga from the ^{12}C decay of ^{136}Nd . Physical Review C, 2021, 103, .	2.9	1
46	Collective properties of neutron-deficient Nd isotopes: Lifetime measurements of the yrast states in ^{135}Nd . Physical Review C, 2021, 103, .	2.9	1
47	^{208}Po populated through EC/β^+ decay. Journal of Physics: Conference Series, 2020, 1643, 012116.	0.4	1
48	The Most Accurate Determination of the ^{8}B Half-life. Acta Physica Polonica B, 2020, 51, 717.	0.8	1
49	Study of exotic decay of Cs isotope close to the proton drip line. Journal of Physics: Conference Series, 2020, 1643, 012127.	0.4	1
50	The experiments to determine the electron capture and β^+ -decay of ^{8}Be into the highly excited states of ^{8}Be . Journal of Physics: Conference Series, 2020, 1643, 012130.	0.4	1
51	Low-lying isomeric state in ^{80}Ga from the ^{2}p decay of ^{80}Zn . , 2012, , .		0
52	Structure of ^{81}Ga populated from the ^{2}p decay of ^{81}Zn . , 2013, , .		0
53	Publisher's Note: Half-life of the $15/2^+$ state of ^{135}Nd : A test of E2 seniority relations [Phys. Rev. C 95, 021302(R) (2017)]. Physical Review C, 2017, 95, .	2.9	0
54	Improved experimental determination of the branching ratio for β^+ -delayed β^{\pm} decay of ^{16}N . EPJ Web of Conferences, 2017, 165, 01031.	0.3	0

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55	\hat{I}^2 -decay properties in the Cs decay chain. Journal of Physics: Conference Series, 2018, 966, 012024.	0.4	0
56	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
57	Excited states of the odd-odd nucleus Eu158 from the (d, \hat{I}^\pm) reaction. Physical Review C, 2019, 100, .	2.9	0
58	Reexamined lifetimes of the low-lying states of ^{86}Zr by recoil distance differential decay measurements. Physical Review C, 2020, 102, .	2.9	0