

# Alejandro Algora

## List of Publications by Year in descending order

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Version: 2024-02-01

336  
papers

5,653  
citations

101543

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61  
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338  
all docs

338  
docs citations

338  
times ranked

2345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clarifying the structure of low-lying states in $^{72}\text{Ge}$ . Physical Review C, 2022, 105, .	2.9	0
2	Nature of seniority symmetry breaking in the semimagic nucleus $^{94}\text{Ru}$ . Physical Review C, 2022, 105, .	2.9	12
3	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
4	The $\hat{I}^2$ -decay of $^{70}\text{Kr}$ into $^{70}\text{Br}$ : Restoration of the pseudo-SU(4) symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137123.	4.1	3
5	Total absorption spectroscopy of the $\hat{I}^2$ decays of the very neutron-deficient $^{60}\text{Ge}$ and $^{62}\text{Ge}$ nuclei. Physical Review C, 2021, 103, .	2.9	5
6	Total absorption spectroscopy of the $\hat{I}^2$ decay of $^{101,102}\text{Zr}$ and $^{109}\text{Tc}$ . Physical Review C, 2021, 103, .	2.9	11
7	Total absorption spectroscopy of the $\hat{I}^2$ decay of $^{101,102}\text{Zr}$ and $^{109}\text{Tc}$ . Physical Review C, 2021, 103, .	2.9	5
8	Angular momentum generation in nuclear fission. Nature, 2021, 590, 566-570.	27.8	57
9	Shape Changes in the Mirror Nuclei $^{70}\text{Kr}$ and $^{70}\text{Se}$ . Physical Review C, 2021, 103, .	7.8	15
10	$\hat{I}^2$ -decay feeding intensity distributions for $^{103,104}\text{Nb}$ . Physical Review C, 2021, 103, .	2.9	5
11	Development of a Reference Database for Beta-Delayed Neutron Emission. Nuclear Data Sheets, 2021, 173, 144-238.	2.2	27
12	Beta-decay studies for applied and basic nuclear physics. European Physical Journal A, 2021, 57, 1.	2.5	21
13	Manifestation of the Berry phase in the atomic nucleus $^{213}\text{Pb}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136183.	4.1	8
14	$\hat{I}^2$ -delayed neutron emission of r-process nuclei at the $N=82$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136266.	4.1	21
15	First lifetime investigations of $^{82}\text{N}$ and $^{82}\text{O}$ iodine isotopes: The quest for collectivity. Physical Review C, 2021, 104, .	2.9	0
16	Spectroscopy of $^{98}\text{Cd}$ by two-nucleon removal from $^{100}\text{In}$ . Physical Review C, 2021, 104, .	2.9	5
17	Total absorption gamma-ray spectroscopy study of the $\hat{I}^2$ -decay of $^{186}\text{Hg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136438.	4.1	8
18	First results from the HENSA/ANAIS collaboration at the Canfranc Underground Laboratory. Journal of Physics: Conference Series, 2021, 2156, 012223.	0.4	2

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19	Measurement of the neutron flux at the Canfranc Underground Laboratory with HENSA. Journal of Physics: Conference Series, 2021, 2156, 012169.	0.4	1
20	The joint evaluated fission and fusion nuclear data library, JEFF-3.3. European Physical Journal A, 2020, 56, 1.	2.5	318
21	NuDEX: A new nuclear $\beta$ -ray cascades generator. EPJ Web of Conferences, 2020, 239, 17006.	0.3	5
22	Compilation and Evaluation of Beta-Delayed Neutron Emission Probabilities and Half-Lives for Z > 28 Precursors. Nuclear Data Sheets, 2020, 168, 1-116.	2.2	19
23	Determination of $\beta$ -decay ground state feeding of nuclei of importance for reactor applications. Physical Review C, 2020, 102, .	2.9	6
24	Shape coexistence revealed in the $Z=28$ isotope $^{72}\text{Kr}$ through inelastic scattering. European Physical Journal A, 2020, 56, 1.	2.5	16
25	Prompt and delayed $\beta$ -ray spectroscopy of neutron-rich $\text{Kr}$ and observation of a new isomer. Physical Review C, 2020, 102, .	2.9	5
26	Lifetimes of core-excited states in semi-magic $^{95}\text{Rh}$ . European Physical Journal A, 2020, 56, 1.	2.5	2
27	Disentangling decaying isomers and searching for signatures of collective excitations in $\beta^2$ decay. Journal of Physics: Conference Series, 2020, 1643, 012134.	0.4	1
28	Impact of the Most Recent Total Absorption Gamma-ray Spectroscopy Data for Fission Fragments on Reactor Antineutrino Spectra and Comparison with the Daya Bay Results. Journal of Physics: Conference Series, 2020, 1643, 012022.	0.4	1
29	A new reference database for beta-delayed neutrons. EPJ Web of Conferences, 2020, 239, 04001.	0.3	0
30	Observation of a $\beta$ -ray isomer in $^{85}\text{Sr}$ . Journal of Physics: Conference Series, 2020, 1643, 012018.	2.9	10
31	Updated Summation Model: An Improved Agreement with the Daya Bay Antineutrino Fluxes. Physical Review Letters, 2019, 123, 022502.	7.8	71
32	Discovery of $^{68}\text{Br}$ in secondary reactions of radioactive beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 266-270.	4.1	5
33	Beta decay of the $T_z=-2$ nucleus $^{64}\text{Se}$ and its descendants. Journal of Physics: Conference Series, 2019, 1308, 012018.	0.4	1
34	Total absorption $\beta$ -ray spectroscopy of the $\beta$ -delayed neutron emitters $^{137}\text{I}$ . Journal of Physics: Conference Series, 2019, 1308, 012018.	2.9	8
35	Summation Calculations for Reactor Antineutrino Spectra, Decay Heat and Delayed Neutron Fractions Involving New TAGS Data and Evaluated Databases. EPJ Web of Conferences, 2019, 211, 01001.	0.3	1
36	Experimental study of Gamow-Teller transitions via the high-energy-resolution $\beta$ -decay of $^{18}\text{O}$ . Journal of Physics: Conference Series, 2019, 1308, 012018.	2.9	14

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37	Commissioning of the BRIKEN detector for the measurement of very exotic $^{127}\text{N}$ nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 911, 79-86.	2.9	13
38	Commissioning of the BRIKEN detector for the measurement of very exotic $^{127}\text{N}$ nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 911, 79-86.	2.9	9
39	Commissioning of the BRIKEN detector for the measurement of very exotic $^{127}\text{N}$ nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 911, 79-86.	1.6	23
40	Large Impact of the Decay of Niobium Isomers on the Reactor $\beta$ -Delayed Neutron Emission. Physical Review Letters, 2019, 122, 042502.	7.8	29
41	Large Impact of the Decay of Niobium Isomers on the Reactor $\beta$ -Delayed Neutron Emission. Physical Review Letters, 2019, 122, 042502.	7.8	46
42	New Results on Excited States in the one-particle one-hole nucleus $^{56}\text{Co}$ measured with MINIBALL detectors. EPJ Web of Conferences, 2019, 223, 01042.	0.3	0
43	Total absorption $\hat{I}^3$ -ray spectroscopy of niobium isomers. Physical Review C, 2019, 100, .	2.9	8
44	Total absorption $\hat{I}^3$ -ray spectroscopy of niobium isomers. Physical Review C, 2019, 100, .	2.9	6
45	Spectroscopy of Neutron Induced Reactions with the $\$u$ $\$$ -ball Spectrometer. Acta Physica Polonica B, 2019, 50, 297.	0.8	10
46	$\$^{67}\$$ Kr Two-proton Radioactivity: Results and Theoretical Interpretations. Acta Physica Polonica B, 2019, 50, 399.	0.8	1
47	Improving Nuclear Data Input for r-Process Calculations Around $A \sim 80$ . Springer Proceedings in Physics, 2019, , 453-456.	0.2	0
48	The ORNL analysis technique for extracting $\hat{I}^2$ -delayed multi-neutron branching ratios with BRIKEN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 911, 79-86.	1.6	8
49	Characterization and performance of the DTAS detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 910, 79-89.	1.6	17
50	First determination of $\hat{I}^2$ -delayed multiple neutron emission beyond $A=100$ through direct neutron measurement: The $P_{2n}$ value of $^{136}\text{Sb}$ . Physical Review C, 2018, 98, .	2.9	9
51	Shape coexistence and isospin symmetry in $A \sim 70$ nuclei: Spectroscopy of the $^{70}\text{Kr}$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 441-446.	4.1	15
52	M1 and E2 transition rates from core-excited states in semi-magic $^{94}\text{Ru}$ . European Physical Journal A, 2018, 54, 1.	2.5	5
53	Total Absorption Spectroscopy. Nuclear Physics News, 2018, 28, 12-17.	0.4	2
54	$\hat{I}^2$ -decay properties of neutron-rich Ca, Ti, and Cr isotopes. Physical Review C, 2018, 98, .	2.9	9

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55	The BRIKEN Project: Extensive Measurements of $\beta$ -delayed Neutron Emitters for the Astrophysical r Process. Acta Physica Polonica B, 2018, 49, 417. Total absorption	0.8	16
56	spectroscopy of the $\beta$ -ray emitters	2.9	35
57	Collectivity in $^{196,198}\text{Pb}$ isotopes probed in Coulomb-excitation experiments at REX-ISOLDE. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064009.	3.6	3
58	New physics model in GEANT4 for the simulation of neutron interactions with organic scintillation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 868, 73-81.	1.6	12
59	Conceptual design of a hybrid neutron-gamma detector for study of $\beta$ -delayed neutrons at the RIB facility of RIKEN. Journal of Instrumentation, 2017, 12, P04006-P04006.	1.2	34
60	Characterization of a cylindrical plastic $\beta$ -detector with Monte Carlo simulations of optical photons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 854, 134-138.	1.6	2
61	Simultaneous investigation of the $\beta$ -ray and		

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73	Commissioning of the BRIKEN beta-delayed neutron detector for the study of exotic neutron-rich nuclei. EPJ Web of Conferences, 2017, 165, 01051.	0.3	1
74	Lifetime Measurements with the Doppler Shift Attenuation Method Using a Thick Homogeneous Production Target --- Verification of the Method. Acta Physica Polonica B, 2017, 48, 325.	0.8	2
75	First Evidence of Multiple $\beta$ -delayed Neutron Emission for Isotopes with $A > 100$ . Acta Physica Polonica B, 2017, 48, 517.	0.8	1
76	Study of the $\beta$ Decay of Fission Products with the DTAS Detector. Acta Physica Polonica B, 2017, 48, 529.	0.8	5
77	Competition of $\beta^2$ -delayed protons and $\beta^2$ -delayed $\beta^3$ rays in $^{56}\text{Zn}$ and the exotic $\beta^2$ -delayed $\beta^3$ -proton decay. EPJ Web of Conferences, 2016, 117, 06019.	0.3	0
78	Total Absorption Spectroscopy of Fission Fragments Relevant for Reactor Antineutrino Spectra and Decay Heat Calculations. EPJ Web of Conferences, 2016, 111, 08006.	0.3	0
79	Measurement of very low ( $\hat{I}_{\pm, n}$ ) cross sections of astrophysical interest. Journal of Physics: Conference Series, 2016, 665, 012031.	0.4	1
80	Approaching the precursor nuclei of the third r-process peak with RIBs. Journal of Physics: Conference Series, 2016, 665, 012045.	0.4	3
81	A newly developed wrapping method for scintillator detectors. Journal of Physics: Conference Series, 2016, 665, 012050.	0.4	3
82	Observation of the $\beta^2$ -delayed proton decay of the $^{52}\text{Co}$ isomer in $^{52}\text{Co}$ . Physical Review C, 2016, 94, .	2.9	5
83	Relativistic Coulomb excitation of $^{52}\text{Co}$ . Physical Review C, 2016, 94, .	2.9	5
84	Decay of the $N=126$ , $^{126}\text{Fr}$ nucleus. Physical Review C, 2016, 94, .	2.9	2
85	First experiment with the NUSTAR/FAIR Decay Total Absorption $\beta^2$ -Ray Spectrometer (DTAS) at the IGISOL-IV facility. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 334-337.	1.4	21
86	An event generator for simulations of complex $\beta^2$ -decay experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 828, 52-57.	1.6	6
87	Observations of the Gamow-Teller resonance in the rare-earth nuclei above $Gd^{146}$ populated in $\beta^2$ decay. Physical Review C, 2016, 93, .	2.9	6
88	of the exotic $\beta^2$ -decay of the $^{48}\text{Ti}$ nucleus. Physical Review C, 2016, 93, .	2.9	6
89	New neutron-deficient isotopes from $Kr^{78}$ fragmentation. Physical Review C, 2016, 93, .	2.9	25
90	High-resolution study of Gamow-Teller transitions in the $Ti^{48}(\text{He}^3, t)V^{48}$ reaction. Physical Review C, 2016, 93, .	2.9	11

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91	First Measurement of Several ${}^{\lambda}I^{\pi}$ -Delayed Neutron Emitting Isotopes Beyond $N=126$ . Two-Proton Radioactivity of ${}^{126}\text{Kr}$ . Physical Review Letters, 2016, 117, 162501.	7.8	47
92	Characterization of a neutron $\beta$ -counting system with beta-delayed neutron emitters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 69-78.	7.8	69
93	First Measurements with the DTAS Detector. Springer Proceedings in Physics, 2016, , 173-175.	0.2	1
94	Total Absorption Spectroscopy of Fission Fragments Relevant for Reactor Antineutrino Spectra Determination. Acta Physica Polonica B, 2016, 47, 755.	0.8	1
95	Conceptual design of a high resolution Ge array with tracking and imaging capabilities for the DESPEC (FAIR) experiment. Journal of Instrumentation, 2015, 10, P06010-P06010.	1.2	5
96	High-resolution study of Gamow-Teller excitations in the ${}^{42}\text{Ca}$ nucleus. Shapes of ${}^{42}\text{Ca}$ states from $\beta$ -decay. Physical Review Letters, 2015, 115, 062502.	2.9	37
97	High-resolution study of Gamow-Teller excitations in the ${}^{192}\text{Pb}$ nucleus. Decay: ${}^{192}\text{Pb}$ via ${}^{\lambda}I^{\pi}$ decay studies. Physical Review Letters, 2015, 115, 062502.	7.8	68
98	Enhanced ${}^{\lambda}I^{\pi}$ -Ray Emission from Neutron Unbound States Populated in ${}^{\lambda}I^{\pi}$ -Decay. Physical Review Letters, 2015, 115, 062502.	7.8	37
99	Competition between ${}^{\lambda}I^{\pi}$ -delayed proton and ${}^{\lambda}I^{\pi}$ -delayed ${}^{\lambda}I^{\pi}$ decay of the exotic $T_z = \pm 2$ nucleus ${}^{56}\text{Zn}$ and fragmentation of the IAS. , 2015, , .		1
100	Shapes and Collectivity in Neutron Deficient Even-Mass ${}^{188-198}\text{Pb}$ Isotopes. , 2015, , .		2
101	Shape study of the ${}^{72}\text{Kr}$ nucleus via ${}^{\lambda}I^{\pi}$ decay. Physical Review C, 2015, 92, .	2.9	28
102	$\beta$ -delayed $\gamma$ -proton Decay in ${}^{56}\text{Zn}$ : Analysis of the Charged-particle Spectrum. Acta Physica Polonica B, 2015, 46, 709.	0.8	0
103	${}^{\lambda}I^{\pi}$ decays of ${}^{54}\text{Ni}$ . Physical Review C, 2015, 91, .	2.9	31
104	Publisher's Note: Isospin symmetry in the shell: Transition strengths in the neutron-deficient shell nucleus ${}^{33}\text{Ar}$ [Phys. Rev. C 90, 054301 (2014)]. Physical Review C, 2015, 91, .	2.9	0
105	A decay total absorption spectrometer for DESPEC at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 803, 36-46.	1.6	28
106	The sensitivity of $\text{LaBr}_3:\text{Ce}$ scintillation detectors to low energy neutrons: Measurement and Monte Carlo simulation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 774, 17-24.	1.6	20

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109	Gamma/neutron competition above the neutron separation energy in delayed neutron emitters. EPJ Web of Conferences, 2014, 66, 02002.	0.3	3
110	Results of fission products $\hat{I}^2$ decay properties measurement performed with a total absorption spectrometer. EPJ Web of Conferences, 2014, 66, 10019.	0.3	2
111	New Isomers in the Neutron-Rich Region Beyond $^{208}\text{Pb}$ . EPJ Web of Conferences, 2014, 66, 02043.	0.3	0
112	Beta decay of exotic $T_z = -1, -2$ nuclei: the interesting case of $^{56}\text{Zn}$ . EPJ Web of Conferences, 2014, 66, 02077.	0.3	0
113	Beta Decay of the Exotic $T_z = -2$ , $^{56}\text{Zn}$ Nucleus and Half-life of Various Proton-rich $T_z = -1$ Nuclei. Acta Physica Polonica B, 2014, 45, 355.	0.8	4
114	Gamow-Teller response in deformed even and odd neutron-rich Zr and Mo isotopes. Physical Review C, 2014, 89, .	2.9	36
115	Observation of the $\hat{I}^2$ -Delayed Proton Decay of $^{13}\text{Zn}$ . Physical Review Letters, 2014, 112, 112502.	7.8	35
116	Observation of Low- and High-Energy Gamow-Teller Phonon Excitations in Nuclei. Physical Review Letters, 2014, 112, 112502.	7.8	63
117	Isospin symmetry in the sd shell: Transition strengths in the neutron-deficient sd shell nucleus $^{33}\text{Ar}$ . Physical Review C, 2014, 90, .	2.9	6
118	Hindered Gamow-Teller Decay to the Odd-Odd $NZ = 62$ Isotope. Physical Review C, 2014, 90, .	7.8	16
119	$\hat{I}^2$ -delayed neutron emission studies. Hyperfine Interactions, 2014, 223, 185-194.	0.5	12
120	Decay heat studies for nuclear energy. Hyperfine Interactions, 2014, 223, 245-252.	0.5	5
121	$\hat{I}^2$ -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32
122	Isomeric decay spectroscopy of the $^{217}\text{Bi}$ isotope. Physical Review C, 2014, 90, .	2.9	8
123	New Beta-delayed Neutron Measurements in the Light-mass Fission Group. Nuclear Data Sheets, 2014, 120, 74-77.	2.2	15
124	Contribution of Recently Measured Nuclear Data to Reactor Antineutrino Energy Spectra Predictions. Nuclear Data Sheets, 2014, 120, 149-152.	2.2	5
125	MONSTER: a TOF Spectrometer for $\hat{I}^2$ -delayed Neutron Spectroscopy. Nuclear Data Sheets, 2014, 120, 78-80.	2.2	10
126	$\hat{I}^2$ -decay and $\hat{I}^2$ -delayed Neutron Emission Measurements at GSI-FRS Beyond $N = 126$ , for r-process Nucleosynthesis. Nuclear Data Sheets, 2014, 120, 81-83.	2.2	10



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127	Beta Decay Study of the $T_z = \pm 2$ $^{56}\text{Zn}$ Nucleus and the Determination of the Half-Lives of a Few fp-shell Nuclei. Nuclear Data Sheets, 2014, 120, 37-40.	2.2	6
128	Total Absorption Study of Beta Decays Relevant for Nuclear Applications and Nuclear Structure. Nuclear Data Sheets, 2014, 120, 12-15.	2.2	9
129	Half-life Systematics across the $N = 126$ Shell Closure: Role of First-Forbidden Transitions in the Decay of Heavy Neutron-Rich Nuclei. Physical Review Letters, 2014, 113, 022702.	7.8	45
130	A neutron spectrometer for studying giant resonances with (p,n) reactions in inverse kinematics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 736, 1-9.	1.6	6
131	Decay studies for neutrino physics. Hyperfine Interactions, 2014, 223, 201-206.	0.5	2
132	Beta decay studies of the $N=Z$ and waiting point nucleus $^{72}\text{Kr}$ . EPJ Web of Conferences, 2014, 66, 02016.	0.3	1
133	Analysis and results of the $^{104}\text{Sn}$ Coulomb excitation experiment. Journal of Physics: Conference Series, 2014, 533, 012047.	0.4	0
134	New $\frac{1}{2}^+$ isomers in the neutron-rich $^{210}\text{Hg}$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.	4.1	18
135	Evolution of deformation and collectivity in neutron-rich tungsten isotopes. Physical Review C, 2013, 88, .	2.9	21
136	Mass spectrometry and decay spectroscopy of isomers across the $Z=82$ shell closure. Physical Review C, 2013, 88, .	2.9	21
137	Deformation of Sr and Rb isotopes close to the $N = 126$ shell closure. Physical Review C, 2013, 88, .	2.9	26
138	Measurement of the neutron background at the Canfranc Underground Laboratory LSC. Astroparticle Physics, 2013, 42, 1-6.	4.3	31
139	Electron capture on $^{116}\text{In}$ and implications for nuclear structure related to double- $\beta$ decay. Physical Review C, 2013, 87, .	2.9	8
140	The population of metastable states as a probe of relativistic-energy fragmentation reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 302-306.	4.1	15
141	$^{104}\text{Sn}$ and the Strength of the $N = 100$ Shell Closure. Physical Review Letters, 2013, 111, 022501.	7.8	60
142	A New Method for Measuring Neutron-skin Thickness in Rare Isotope Beams. Acta Physica Polonica B, 2013, 44, 559.	0.8	2
143	The Total Absorption Spectroscopy technique for reactor technology and basic nuclear physics. , 2013, , .		0
144	Electromagnetic transition rates in the $^{80}\text{Sr}$ nucleus. Physical Review C, 2013, 87, .	2.9	25

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145	<a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>z</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mo></mml:mo><mml:msup><mml:mrow> transitions in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow		

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163	Multiple $\beta^{\sim}$ decaying states in $^{194}\text{Re}$ : Shape evolution in neutron-rich osmium isotopes. <i>Physical Review C</i> , 2012, 85, .	2.9	21
164	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. <i>Physical Review Letters</i> , 2012, 109, 162502.	7.8	56
165	Cross sections for one-neutron knock-out from $^{37}\text{Ca}$ at intermediate energy. <i>Physical Review C</i> , 2012, 86, .	2.9	4
166	$\beta^{\sim}$ decay of $^{102}\text{Y}$ produced in projectile fission of $^{238}\text{U}$ . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012053.	0.4	1
167	Decay Heat Measurements Using Total Absorption Gamma-ray Spectroscopy. <i>Journal of Physics: Conference Series</i> , 2012, 381, 012056.	0.4	1
168	Electromagnetic Transition Rate Measurements in the $N=80$ Isotone, $^{138}\text{Ce}$ . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012057.	0.4	0
169	Soft spin-dipole resonances in $^{40}\text{Ca}$ . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012096.	0.4	0
170	MONSTER: a time of flight spectrometer for $\beta^{\sim}$ -delayed neutron emission measurements. <i>Journal of Instrumentation</i> , 2012, 7, C05012-C05012.	1.2	10
171	New Antineutrino Energy Spectra Predictions from the Summation of Beta Decay Branches of the Fission Products. <i>Physical Review Letters</i> , 2012, 109, 202504.	7.8	112
172	Trap-assisted decay spectroscopy with ISOLTRAP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 689, 102-107.	1.6	20
173	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 715, 293-297.	4.1	34
174	Structure of the As, Ge, Ga nuclei. <i>Nuclear Physics A</i> , 2012, 893, 1-12.	1.5	22
175	AGATA – Advanced GAMMA Tracking Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 668, 26-58.	1.6	378
176	Monte Carlo simulation of the n_TOF Total Absorption Calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 671, 108-117.	1.6	21
177	Decay heat studies for nuclear energy. , 2012, , 379-386.		0
178	$\beta^{\sim}$ -delayed neutron emission studies. , 2012, , 229-238.		0
179	$\beta^{\sim}$ decay of $^{78}\text{Sr}$ . <i>Physical Review C</i> , 2011, 84, .	2.9	7
180	First Measurements with the BEta deLayEd Neutron Detector (BELEN-20) at JYFLTRAP. <i>Journal of Physics: Conference Series</i> , 2011, 312, 052008.	0.4	15

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181	Isomers in neutron-rich lead isotopes populated via the fragmentation of $^{238}\text{U}$ at 1 GeV A. Journal of Physics: Conference Series, 2011, 312, 092026.	0.4	1
182	Super and hyperdeformed states, and reactions to populate them. EPJ Web of Conferences, 2011, 17, 16001.	0.3	1
183	Evidence for a spin-aligned neutron-proton paired phase from the level structure of $^{92}\text{Pd}$ . Nature, 2011, 469, 68-71.	27.8	140
184	Simulations and developments of the Low Energy Neutron detector Array LENA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 411-418.	1.6	9
185	Gamow-Teller Transitions Starting from $T[\text{sub } z]\hat{a}\epsilon\%_0=\hat{a}\epsilon\%_0+3\hat{a}^2$ Nucleus $[\text{sup } 47]\text{Ti}$ . , 2011, , .		0
186	Beta delayed alpha emission from the neutron deficient rare earth isotopes $[\text{sup } 152]\text{Tm}$ and $[\text{sup } 150]\text{Ho}$ . , 2011, , .		0
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