Enrique Nacher

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3412283/publications.pdf

Version: 2024-02-01

111 papers	1,337 citations	430874 18 h-index	414414 32 g-index
111 all docs	111 docs citations	111 times ranked	1241 citing authors

#	Article	IF	Citations
1	Proton Radiographs Using Position-Sensitive Silicon Detectors and High-Resolution Scintillators. IEEE Transactions on Nuclear Science, 2022, 69, 696-702.	2.0	3
2	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>400</mml:mn><mml:mi>A</mml:mi></mml:mrow></mm MeV. Physical Review C, 2022, 105, .	2.9	2
3	Clarifying the structure of low-lying states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Br</mml:mi><mml:mprescripts /><mml:none /><mml:mn>72</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2022, 105, .	2.9	0
4	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
5	Total absorption <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray spectroscopy of the <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 mathvariant="normal">Y</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>96</mml:mn>	2.9	5
6	Calibration and response function of a compact silicon-detector set-up for charged-particle spectroscopy using GEANT4. European Physical Journal A, 2021, 57, 1.	2.5	2
7	Total absorption <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	2.9	6
8	Total absorption gamma-ray spectroscopy study of the Î²-decay of 186Hg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136438.	4.1	8
9	Experimental study of the nature of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mn>1</mml:mn><mml:mo>a^</mml:mo></mml:msup></m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo></mml:msup></m First <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -decay spectroscopy of <mml:math	2.9	1
10	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>In</mml:mi><mml:mprescripts /><mml:none /><mml:mn>135</mml:mn></mml:mmultiscripts></mml:math> and new <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -decay branches of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>In</	2.9	5
11	A prototype of pCT scanner: first tests. EPJ Web of Conferences, 2021, 253, 09008.	0.3	2
12	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
13	Coulomb dissociation of ¹⁶O into ⁴He and ¹²C. Journal of Physics: Conference Series, 2020, 1668, 012016.	0.4	2
14	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
15	Determination of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -decay ground state feeding of nuclei of importance for reactor applications. Physical Review C, 2020, 102, .	2.9	6
16	Commissioning of the CALIFA Barrel Calorimeter of the R³B Experiment at FAIR. Journal of Physics: Conference Series, 2020, 1667, 012006.	0.4	0
17	Probing the Zâ€¯=â€¯6 spin-orbit shell gap with (p,2p) quasi-free scattering reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135748.	4.1	2
18	Competition between Allowed and First-Forbidden <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math> Decay: The Case 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:mo stretchy="false">â†’</mml:mo><mml:mmultiscripts><mml:mrow><mml:mi>Tl</mml:mi></mml:mrow><mml:mpre.	7.8	11

#	Article	IF	Citations
19	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
20	Search for beta-delayed proton emission from ^{11}Be. European Physical Journal A, 2020, 56, 1.	2.5	14
21	Performance recovery of long CsI(Tl) scintillator crystals with APD-based readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 965, 163845.	1.6	1
22	The Most Accurate Determination of the (^8)B Half-life. Acta Physica Polonica B, 2020, 51, 717.	0.8	1
23	Disentangling decaying isomers and searching for signatures of collective excitations in Î² decay. Journal of Physics: Conference Series, 2020, 1643, 012134.	0.4	1
24	Study of exotic decay of Cs isotope close to the proton drip line. Journal of Physics: Conference Series, 2020, 1643, 012127.	0.4	1
25	Inclusive cross sections for one- and multi-nucleon removal from Sn, Sb, and Te projectiles beyond the Nâ€¯=â€¯82 shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 356-361.	4.1	4
26	Quasi-free neutron and proton knockout reactions from light nuclei in a wide neutron-to-proton asymmetry range. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 682-688.	4.1	18
27	In-beam <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray spectroscopy of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -delayed neutron emitters <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>	2.9	8
28	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
29	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
30	In-beam <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>136</mml:mn></mml:mmultiscripts></mml:math> at relativistic energies. Physical Review C, 2019, 99, .	2.9	14
31	Î² decay of In133 : Î³ emission from neutron-unbound states in Sn133. Physical Review C, 2019, 99, .	2.9	9
32	Large Impact of the Decay of Niobium Isomers on 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> Summation Calculations. Physical Review Letters, 2019, 122, 042502.	7.8	29
33	Total absorption Î³ -ray spectroscopy of niobium isomers. Physical Review C, 2019, 100, .	2.9	8
34	Strong Neutron Pairing in core+4n Nuclei. Physical Review Letters, 2018, 120, 152504.	7.8	9
35	Quasifree (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 122 Td (di	7.8	69
36	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 052501. Quasifree (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 77 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow	2.9	15
	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>14</mml:mn><mml:m Physical Review C, 2018, 97, .		

#	Article	IF	Citations
37	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
38	On the performance of large monolithic LaCl₃(Ce) crystals coupled to pixelated silicon photosensors. Journal of Instrumentation, 2018, 13, P03014-P03014.	1.2	15
39	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>13</mml:mn></mml:mmultiscripts></mml:math> studied in proton knockout from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none	2.9	9
40	Characterization of a cylindrical plastic Î²-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
41	Experimental study of Tc100 Î² decay with total absorption Î³ -ray spectroscopy. Physical Review C, 2017, 96, .	2.9	15
42	Effective proton-neutron interaction near the drip line from unbound states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>25</mml:mn><mml:mo>,</mml:mo><mml:mn>26</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> Physical Review C, 2017, 96, .	2.9	14
43	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Be</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>11</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Au</mml:mi></mml:mrow><mml:mprescripts	7.8	53
44	Gamma Decay of Unbound Neutron-Hole States in Sn133. Physical Review Letters, 2017, 118, 202502.	7.8	22
45	Beta decay studies with total absorption spectroscopy and theLucreciaspectrometer at ISOLDE. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 084004.	3.6	12
46	Total absorption spectroscopy of fission fragments relevant for reactor antineutrino spectra. EPJ Web of Conferences, 2017, 146, 10002.	0.3	2
47	Strong Î³-ray emission from neutron unbound states populated in Î²-decay: Impact on (n,Î³) cross-section estimates. EPJ Web of Conferences, 2017, 146, 01002.	0.3	2
48	TAGS measurements of 100Nb ground and isomeric states and 140Cs for neutrino physics with the new DTAS detector. EPJ Web of Conferences, 2017, 146, 10010.	0.3	2
49	Total absorption studies of high priority decays for reactor applications: 86Br and 91Rb. EPJ Web of Conferences, 2017, 146, 10001.	0.3	1
50	Scattering of halo nuclei on heavy targets at energies around the Coulomb barrier: The case of 11Be on 197Au. EPJ Web of Conferences, 2017, 163, 00045.	0.3	1
51	Study of the $eta $ Decay of Fission Products with the DTAS Detector. Acta Physica Polonica B, 2017, 48, 529.	0.8	5
52	r Process (n, (gamma)) Rate Constraints from the (gamma) Emission of Neutron Unbound States in (eta)-Decay. , 2017, , .		1
53	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
54	First experiment with the NUSTAR/FAIR Decay Total Absorption <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" overflow="scroll"><mml:mrow><mml:mi>Î³</mml:mi></mml:mrow></mml:math>-Ray Spectrometer (DTAS) at the IGISOL IV facility. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 334-337.	1.4	21

#	Article	IF	Citations
55	Beta-delayed proton emission from 20Mg. European Physical Journal A, 2016, 52, 1.	2.5	14
56	Observations of the Gamow-Teller resonance in the rare-earth nuclei aboveGd146populated inÎ²decay. Physical Review C, 2016, 93, .	2.9	6
57	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:mn in<mml:math x. Physical Review C, 2016, 93, .	2.9	8
58	First testing of the CALIFA Barrel Demonstrator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 814, 56-65.	1.6	6
59	Multi-particle Emission from ${^{31}}$Ar at ISOLDE. Acta Physica Polonica B, 2016, 47, 747.	0.8	4
60	Total Absorption Spectroscopy of Fission Fragments Relevant for Reactor Antineutrino Spectra Determination. Acta Physica Polonica B, 2016, 47, 755.	0.8	1
61	Shapes of neutron-xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>192</mml:mn><mml:mo>,</mml:mo><mml:mn>190</mml:mn></mml:mrow></mml:mmultiscripts states from<mml:math	2.9	14
62	Shape study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mi>Z</mml:mi xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mtext>Kr</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>72</mml:mn></mml:mmultiscripts></mml:math>via<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay. Physical Review C, 2015, 92, .	2.9	28
63	Proton response of CEPA4: A novel LaBr 3 (Ce)â€“LaCl 3 (Ce) phoswich array for high-energy gamma and proton spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 769, 105-111.	1.6	14
64	New reaction chamber for transient field g-factor measurements with radioactive ion beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 785, 47-54.	1.6	1
65	CEPA: ALaBr3(Ce)/LaCl3(Ce)phoswich array for simultaneous detection of protons and gamma radiation emitted in reactions at relativistic energies. EPJ Web of Conferences, 2014, 66, 11033.	0.3	1
66	Scattering of light halo nuclei on heavy target at energies around the Coulomb barrier. EPJ Web of Conferences, 2014, 66, 03086.	0.3	0
67	Performance analysis for the CALIFA Barrel calorimeter of the R3B experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Identification of a millisecond isomeric state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">Cd</mml:mi></mml:mrow><mml:mrow><mml:mn>81</mml:mn></mml:mrow><mml:none /><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>129</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>via the detectio	1.6	16
68		4.1	22
69	Reaction of the Halo Nucleus ^{11}Be on Heavy Targets at Energies Around the Coulomb Barrier. Acta Physica Polonica B, 2014, 45, 375.	0.8	5
70	Decay heat studies for nuclear energy. Hyperfine Interactions, 2014, 223, 245-252.	0.5	5
71	CALIFA, a Dedicated Calorimeter for the R3B/FAIR. Nuclear Data Sheets, 2014, 120, 99-101.	2.2	18
72	Beta decay studies of the N=Z and waiting point nucleus72Kr. EPJ Web of Conferences, 2014, 66, 02016.	0.3	1

#	Article	IF	Citations
73	CEPA: A LaBr3(Ce)/LaCl3(Ce) PHOSWICH ARRAY FOR SIMULTANEOUS DETECTION OF PROTONS AND GAMMA RADIATION EMITTED IN REACTIONS AT RELATIVISTIC ENERGIES. International Journal of Modern Physics Conference Series, 2014, 27, 1460143.	0.7	0
74	Deformation of Sr and Rb isotopes close to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mi>Z</mml:mi></mml:mrow></mml:math>line via<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-decay studies using the total absorption technique. Physical Review C, 2013, 88, .	2.9	26
75	LaBr3(Ce):LaCl3(Ce) Phoswich with pulse shape analysis for high energy gamma-ray and proton identification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 704, 19-26.	1.6	17
76	CALIFA Barrel prototype detector characterisation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 729, 77-84.	1.6	11
77	Particle identification using clustering algorithms. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 717, 77-82.	1.6	4
78	Total absorption study of the<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:msup><mml:mrow /><mml:mrow><mml:mn>102</mml:mn><mml:mo>,</mml:mo><mml:mn>104</mml:mn><mml:mo>,</mml:mo><mml:mn>105</mml:mn></mml: Physical Review C, 2013, 87, .	2.9	36
79	Fast phoswich scintillator endcap for gamma and proton detection. , 2013, , .		2
80	New measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>3</mml:mn></mml:msup></mml:math>He(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (xmlns:mml="http://w	2.9	46
81	Decay heat studies for nuclear energy. , 2012, , 379-386.		0
82	Î²decay of78Sr. Physical Review C, 2011, 84, .	2.9	7
83	Phoswich scintillator for proton and gamma radiation of high energy. , 2011, , .		0
84	Beta delayed alpha emission from the neutron deficient rare earth isotopes [sup 152]Tm and [sup 150]Ho. , 2011, , .		0
85	<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/]	2.9	11
86	TAS measurements for reactor physics and nuclear structure. , 2011, , .		0
87	Improvements on Decay Heat Summation Calculations by Means of Total Absorption Gamma-ray Spectroscopy Measurements. Journal of the Korean Physical Society, 2011, 59, 1479-1482.	0.7	2
88	Systematic Study of EC Decays in the [sup 146]Gd Region Relevant for a Monoenergetic Neutrino Beam Facility. , 2010, , .		0
89	Conversion coefficients of the isomeric state in [sup 72]Br. , 2010, , .		0
90	Two-phonon octupole excitation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Gd</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>146</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 81, .	2.9	11

#	Article	IF	Citations
91	Decay Heat in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>239</mml:mn></mml:mmultiscripts></mml:math>: Solving the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>Discrepancy in the 4â€“3000-s Cooling Period. Physical Review Letters, 2010, 105, 202501.	7.8	107
92	Applications of the total absorption technique to improve reactor decay heat calculations: study of the beta decay of [sup 102,104,105]Tc. , 2009, , .		1
93	Exploring the reactor heat problem: Study of the beta decay of 104,105Tc using the TAS technique. European Physical Journal: Special Topics, 2007, 150, 383-384.	2.6	3
94	Î²-decay data requirements for reactor decay heat calculations: study of the possible source of the gamma-ray discrepancy in reactor heat summation calculations. , 2007, , .		0
95	Comparison of different approaches based on Monte Carlo methods to calculate the system matrix for small animal PET. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 346-349.	1.6	9
96	Two-Phonon Octupole Excitation in 146Gd. AIP Conference Proceedings, 2006, , .	0.4	0
97	Observation ofNi54: Cross-Conjugate Symmetry inf7/2Mirror Energy Differences. Physical Review Letters, 2006, 97, 152501.	7.8	41
98	Publisherâ€™s Note: Observation ofNi54: Cross-Conjugate Symmetry inf7/2Mirror Energy Differences [Phys. Rev. Lett.97, 152501 (2006)]. Physical Review Letters, 2006, 97, .	7.8	0
99	Nuclear structure ofTh229. Physical Review C, 2006, 73, .	2.9	73
100	Beta decay studies far from stability with the Total Absorption Technique: the case of 76Sr. Nuclear Physics A, 2005, 752, 251-254.	1.5	1
101	Hindered E4 decay of the <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	14
102	Two-Phonon Octupole Excitation in 146Gd. AIP Conference Proceedings, 2005, , .	0.4	0
103	Beta decay studies with the total absorption technique: past, present and future. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1477-S1483.	3.6	29
104	B(GT)strength fromÎ²-decay measurements and inferred shape mixing inKr74. Physical Review C, 2004, 69, .	2.9	63
105	Î²decay ofDy148: Study of the Gamow-Teller giant state by means of total absorption spectroscopy. Physical Review C, 2004, 70, .	2.9	10
106	Total absorption spectroscopy of 76Sr with the Lucrecia spectrometer at ISOLDE. Nuclear Physics A, 2004, 734, E84-E87.	1.5	4
107	Deformation of theN=ZNucleusSr76usingÎ²-Decay Studies. Physical Review Letters, 2004, 92, 232501.	7.8	101
108	Î² STRENGTH DISTRIBUTIONS IN N~Z KR AND SR ISOTOPES USING TOTAL ABSORPTION SPECTROMETRY. , 2004, , .		0

#	Article	IF	Citations
109	Mirror decay of 75Sr. European Physical Journal A, 2003, 16, 359-363.	2.5	13
110	Beta-decay studies using total absorption spectroscopy. European Physical Journal A, 2003, 20, 199-202.	2.5	5
111	First measurement of Î²-decay properties of the proton drip-line nucleus 60Ga. European Physical Journal A, 2001, 12, 269-277.	2.5	22