

Cesar Domingo Pardo

List of Publications by Year in descending order

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307
papers

5,030
citations

117625

34
h-index

144013

57
g-index

325
all docs

325
docs citations

325
times ranked

2136
citing authors

#	ARTICLE	IF	CITATIONS
19	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. <i>Physical Review C</i> , 2012, 85, .	2.9	55
20	Measurement of the n_TOF beam profile with a micromegas detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 524, 102-114.	1.6	54
21	$\frac{1}{\sigma} \left(\frac{d\sigma}{dE} \right)_{E=0} \approx \frac{1}{\sigma} \left(\frac{d\sigma}{dE} \right)_{E=0} + \frac{1}{\sigma} \left(\frac{d\sigma}{dE} \right)_{E=0} + \dots$	7.8	52
22	Spin-Gap Isomer in ^{112}Cd . <i>Physical Review Letters</i> , 2010, 105, 172502.	7.8	51
23	Delayed Neutron Emitting Isotopes Beyond ^{126}N . <i>Physical Review Letters</i> , 2016, 117, 012501.	7.8	47
24	New measurement of neutron capture resonances in ^{209}Bi . <i>Physical Review C</i> , 2006, 74, .	2.9	46
25	Bottleneck in the Neutron Capture Cross Section of Unstable ^{90}Zr . <i>Physical Review Letters</i> , 2013, 110, 022501.	2.9	44
26	^{63}Ni : Implications for Stellar Nucleosynthesis. <i>Physical Review Letters</i> , 2013, 110, 022501.	7.8	44
27	Neutron capture cross section of ^{232}Th measured at the n_TOF facility at CERN in the unresolved resonance region up to 1 MeV. <i>Physical Review C</i> , 2006, 73, .	2.9	41
28	High-accuracy determination of the neutron flux in the new experimental area n_TOF-EAR2 at CERN. <i>European Physical Journal A</i> , 2017, 53, 1.	2.5	41
29	^{93}Zr (n, γ) ^{94}Zr reaction up to 8 keV neutron energy. <i>Physical Review C</i> , 2013, 87, .	2.9	39
30	Characterization of a neutron β -counting system with beta-delayed neutron emitters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 807, 69-78.	1.6	38
31	Measurement of the $^{151}\text{Sm}(n, \gamma)^{152}\text{Sm}$ cross section from 0.6 eV to 1 MeV via the neutron time-of-flight technique at the CERN n_TOF facility. <i>Physical Review C</i> , 2006, 73, .	2.9	36
32	Neutron physics of the ^{187}Os clock. III. Resonance analyses and stellar ^{187}Os (n, γ) ^{188}Os cross sections of ^{187}Os . <i>Physical Review C</i> , 2013, 87, .	2.9	36
33	^{187}Os (n, γ) ^{188}Os cross section up to 1 MeV. <i>Physical Review C</i> , 2013, 87, .	2.9	36
34	Status and outlook of the neutron time-of-flight facility n_TOF at CERN. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 261, 925-929.	1.4	35
35	Time-energy relation of the n_TOF neutron beam: energy standards revisited. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 532, 622-630.	1.6	34
36	Experimental study of the ^{91}Zr (n, γ) ^{92}Zr reaction up to 1 MeV. <i>Physical Review C</i> , 2013, 87, .	2.9	34

#	ARTICLE	IF	CITATIONS
37	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	4.1	34
38	Conceptual design of a hybrid neutron-gamma detector for study of \hat{I}^2 -delayed neutrons at the RIB facility of RIKEN. Journal of Instrumentation, 2017, 12, P04006-P04006.	1.2	34
39	$\text{Zr} \rightarrow \text{Tj ETQq1 10.784314} \text{rgBT / Overlock 10 Tf 50 167 Td}$	2.9	33
40	Resonance capture cross section of Pb^{207} . Physical Review C, 2006, 74, .	2.9	32
41	Measurement of the neutron capture cross section of the s-only isotope Pb^{204} from 1 eV to 440 keV. Physical Review C, 2007, 75, .	2.9	32
42	\hat{I}^2 -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32
43	Ni		32
44	Neutron spectroscopy of ^{26}Mg states: Constraining the stellar neutron source $^{22}\text{Ne}(\hat{I}^{\pm}, n)^{25}\text{Mg}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6.	4.1	32
45	Isomeric states in ^{208}Pb . Physical Review C, 2014, 89, .	2.9	31
46	Measurement of the neutron background at the Canfranc Underground Laboratory LSC. Astroparticle Physics, 2013, 42, 1-6.	4.3	31
47	Ni	2.9	31
48	GEANT4 simulation of the neutron background of the C6D6 set-up for capture studies at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 760, 57-67.	1.6	31
49	\hat{I}^2 decays of ^{208}Pb . Physical Review C, 2014, 89, .	2.9	31
50	Measurement of the radiative neutron capture cross section of ^{206}Pb and its astrophysical implications. Physical Review C, 2007, 76, .	2.9	30
51	High-accuracy $^{233}\text{U}(n, f)$ cross-section measurement at the white-neutron source n_TOF from near-thermal to 1 MeV neutron energy. Physical Review C, 2009, 80, .	2.9	30
52	cross sections of ^{187}Os . Physical Review C, 2014, 89, .	2.9	28
53	Experimental neutron capture data of ^{188}Os from the CERN n_TOF facility. Physical Review C, 2014, 89, .	2.9	28
54	Measurement of the angular distribution of fission fragments using a PPAC assembly at CERN n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 79-85.	1.6	28

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73	<p> β-decay half-lives and β-delayed neutron emission probabilities for several isotopes of Au, Hg, Tl, Pb, and Bi, beyond $N=126$ </p>	2.9	22
74	<p>Monte Carlo simulation of the n_TOF Total Absorption Calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 671, 108-117.</p>	1.6	21
75	<p>Experimental setup and procedure for the measurement of the ${}^7\text{Be}(n, \hat{1}\pm)\hat{1}\pm$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 197-205.</p>	1.6	21
76	<p>Radiative neutron capture on ${}^{242}\text{Pu}$ in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, .</p>	2.9	21
77	<p>First i-TED demonstrator: A Compton imager with Dynamic Electronic Collimation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 671, 108-117.</p>	1.6	21
78	<p>Neutron Capture on the ${}^{171}\text{Yb}$ -Process Branching Point ${}^{171}\text{Yb}(n, \hat{1}\pm)\hat{1}\pm$ Reaction. Physical Review C, 2017, 95, .</p>	2.9	21
79	<p>β-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.</p>	4.1	21
80	<p>Pseudospin Symmetry and Microscopic Origin of Shape Coexistence in the ${}^{78}\text{Ni}$ Region: A Hint from Lifetime Measurements. Physical Review Letters, 2018, 121, 192502.</p>	7.8	20
81	<p>Measurement of the ${}^{235}\text{U}(n, f)$ cross section relative to the ${}^6\text{Li}(n, t)$ and ${}^{10}\text{B}(n, \alpha)$ standards from thermal to 170 keV neutron energy range at n_TOF. European Physical Journal A, 2019, 55, 1.</p>	2.5	20
82	<p>Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.</p>	2.5	19
83	<p>Low-lying level structure of ${}^{56}\text{Cu}$ and its implications for the ${}^{56}\text{Ni}$ β-decay. Physical Review C, 2017, 95, .</p>	2.9	19
84	<p>Observation of a new high-spin isomer in ${}^{94}\text{Pd}$. Physical Review C, 2010, 82, .</p>	2.9	18
85	<p>New $\hat{1}/4s$ isomers in the neutron-rich ${}^{210}\text{Hg}$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 292-296.</p>	4.1	18
86	<p>β-Ray position reconstruction in large monolithic $\text{LaCl}_3(\text{Ce})$ crystals with SiPM readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 931, 1-22.</p>	1.6	18
87	<p>Observation of a new high-spin isomer in ${}^{13}\text{Tl}$. Physical Review C, 2017, 95, .</p>	2.9	17
88	<p>Lifetime measurement of neutron-rich even-even molybdenum isotopes. Physical Review C, 2017, 95, .</p>	2.9	17
89	<p>Conceptual design and performance study for the first implementation of AGATA at the in-flight RIB facility of GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 297-312.</p>	1.6	17
90	<p>Lifetime measurement of neutron-rich even-even molybdenum isotopes. Physical Review C, 2017, 95, .</p>	2.9	17

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91	Design of the third-generation lead-based neutron spallation target for the neutron time-of-flight facility at CERN. <i>Physical Review Accelerators and Beams</i> , 2021, 24, . Hindered Gamow-Teller Decay to the Odd-Odd	1.6	17
92	Pairing-quadrupole interplay in the neutron-deficient tin nuclei: First lifetime measurements of low-lying states in $^{106,108}\text{Sn}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 806, 135474.	7.8	16
93	Imaging neutron capture cross sections: i-TED proof-of-concept and future prospects based on Machine-Learning techniques. <i>European Physical Journal A</i> , 2021, 57, 1.	4.1	16
94	The BRIKEN Project: Extensive Measurements of β -delayed Neutron Emitters for the Astrophysical r Process. <i>Acta Physica Polonica B</i> , 2018, 49, 417.	2.5	16
95	Pulse shape analysis of signals from BaF ₂ and CeF ₃ scintillators for neutron capture experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 568, 904-911.	0.8	16
96	High-energy excited states in ^{98}Cd . <i>Journal of Physics: Conference Series</i> , 2010, 205, 012035.	1.6	15
97	Neutron-induced fission cross-section of ^{233}U in the energy range 0.5 < En < 20 MeV. <i>European Physical Journal A</i> , 2011, 47, 1.	0.4	15
98	A novel imaging method for the pulse-shape characterization of position sensitive semiconductor radiation detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 643, 79-88.	2.5	15
99	The population of metastable states as a probe of relativistic-energy fragmentation reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 302-306.	1.6	15
100	New Beta-delayed Neutron Measurements in the Light-mass Fission Group. <i>Nuclear Data Sheets</i> , 2014, 120, 74-77.	4.1	15
101	On the performance of large monolithic LaCl ₃ (Ce) crystals coupled to pixelated silicon photosensors. <i>Journal of Instrumentation</i> , 2018, 13, P03014-P03014.	2.2	15
102	Spatial calibration via imaging techniques of a novel scanning system for the pulse shape characterisation of position sensitive HPGe detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 652, 591-594.	1.2	15
103	Measurement of the $^{236}\text{U}(n,f)$ cross section from 170 meV to 2 MeV at the CERN n_TOF facility. <i>Physical Review C</i> , 2011, 84, .	1.6	14
104	Measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ cross section at n_TOF at CERN by in-beam activation analysis. <i>Physical Review C</i> , 2014, 90, .	2.9	14
105	Neutron-induced fission cross section of ^{234}U measured at the CERN n_TOF facility. <i>Physical Review C</i> , 2014, 89, .	2.9	14
106	The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point ^{59}Ni . <i>Nuclear Data Sheets</i> , 2014, 120, 208-210.	2.9	14
107	Fission Fragment Angular Distribution measurements of ^{235}U and ^{238}U at CERN n_TOF facility. <i>EPJ Web of Conferences</i> , 2016, 111, 10002.	2.2	14
108		0.3	14

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127	Measurement of $^{73}\text{Ge}(n,\hat{1}^3)$ cross sections and implications for stellar nucleosynthesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 458-465.	4.1	11
128	Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3251-3257.	1.4	10
129	$\hat{1}^2$ -decay and $\hat{1}^2$ -delayed Neutron Emission Measurements at GSI-FRS Beyond $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 126 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$, Observation of a $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle 1/4 \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \text{s} \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ isomer in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{In} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 85 \langle \text{mml:mn} \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mspace width="0.16em"} \rangle / \rangle \langle \text{mml:mspace width="0.16em"} \rangle / \rangle \langle \text{mml:mspace width="0.16em"} \rangle$	2.2	10
130	Isospin dependence of electromagnetic transition strengths among an isobaric triplet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134835.	2.9	10
131	Destruction of the cosmic $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -ray emitter	4.1	10
132	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Al} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 26 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ in massive stars: Study of the key $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Al} \langle \text{mml:math} \rangle$	2.9	10
133	Measurement of the $^{90,91,92,93,94,96}\text{Zr}(n,\hat{1}^3)$ and $^{139}\text{La}(n,\hat{1}^3)$ cross sections at n_TOF. , 2007, , .		10
134	Measurement of the neutron-induced fission cross-section of ^{241}Am at the time-of-flight facility n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	9
135	Integral measurement of the $^{12}\text{C}(n, p)^{12}\text{B}$ reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1.	2.5	9
136	Prospects for direct neutron capture measurements on s-process branching point isotopes. European Physical Journal A, 2017, 53, 1.	2.5	9
137	First determination of $\hat{1}^2$ -delayed multiple neutron emission beyond $A=100$ through direct neutron measurement: The P2n value of ^{136}Sb . Physical Review C, 2018, 98, .	2.9	9
138	Measurement and analysis of the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Am} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 241 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, .	2.9	9
139	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Tl} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 211 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 213 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$: A changing structure beyond the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 126 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$	2.9	9
140	Study of Photon Strength Function of Actinides: the Case of ^{235}U , ^{238}Np and ^{241}Pu . Journal of the Korean Physical Society, 2011, 59, 1510-1513.	0.7	9
141	Nuclear physics for the Re/Os clock. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014015.	3.6	8
142	Characterisation of a symmetric AGATA detector using the imaging scanning technique. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 700, 10-21.	1.6	8
143	Isomeric decay spectroscopy of the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{Bi} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 217 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ isotope. Physical Review C, 2014, 90, .	2.9	8
144	Measurement of the $^{238}\text{U}(n,\hat{1}^3)$ cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. Physical Review C, 2017, 96, .	2.9	8

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145	Measurement and resonance analysis of the $^{209}\text{Po}(n,\gamma)^{210}\text{Po}$ reaction at the CERN n_TOF facility in the $9\text{--}16\text{ MeV}$ range. <i>Physical Review C</i> , 2018, 97, .	2.9	8
146	Manifestation of the Berry phase in the atomic nucleus ^{213}Po . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136183.	4.1	8
147	The $(6+)$ isomer in ^{102}Sn revisited: Neutron and proton effective charges close to the double shell closure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136591.	4.1	8
148	Measurement of the $^{151}\text{Sm}(n,\gamma)^{152}\text{Sm}$ cross section at n_TOF. <i>Nuclear Physics A</i> , 2005, 758, 533-536.	1.5	7
149	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. <i>Nuclear Physics A</i> , 2005, 758, 501-504.	1.5	7
150	Angular momentum population in fragmentation reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 665, 164-167.	4.1	7
151	Neutron cross-sections for next generation reactors: New data from n_TOF. <i>Applied Radiation and Isotopes</i> , 2010, 68, 643-646.	1.5	7
152	High accuracy $^{235}\text{U}(n,f)$ data in the resonance energy region. <i>EPJ Web of Conferences</i> , 2016, 111, 02003.	0.3	7
153	Study of accuracy in the position determination with SALSA, a γ -scanning system for the characterization of segmented HPGe detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 823, 98-106.	1.6	7
154	Measurement of the neutron capture cross section of the fissile isotope ^{235}U with the CERN n_TOF total absorption calorimeter and a fission tagging based on micromegas detectors. <i>EPJ Web of Conferences</i> , 2017, 146, 11021.	0.3	7
155	Investigation of the $^{240}\text{Pu}(n,\gamma)^{241}\text{Pu}$ reaction at the n_TOF/EAR2 facility in the $9\text{--}16\text{ MeV}$ range. <i>Physical Review C</i> , 2020, 102, .	2.9	7
156	n_TOF: Measurements of Key Reactions of Interest to AGB Stars. <i>Universe</i> , 2022, 8, 100.	2.5	7
157	New narrow resonances observed in the unbound nucleus ^{15}F . <i>Physical Review C</i> , 2022, 105, .	2.9	7
158	Measurement of the $^{240}\text{Pu}(n,f)$ cross-section at the CERN n_TOF facility: First results from experimental area II (EAR-2). <i>EPJ Web of Conferences</i> , 2017, 146, 04030.	0.3	6
159	Low-lying electric dipole γ -continuum for the unstable $^{62,64}\text{Fe}$ nuclei: Strength evolution with neutron number. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135951.	4.1	6
160	Destruction of the cosmic γ -ray emitter ^{26}Al in massive stars: Study of the key $^{26}\text{Al}(n,\gamma)^{27}\text{Al}$ reaction. <i>Physical Review C</i> , 2021, 104, .	2.9	6
161	Beta Decay Studies of Neutron Rich Nuclei Using Total Absorption Gamma-ray Spectroscopy and Delayed Neutron Measurements. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1499-1502.	0.7	6
162	Improved lead and bismuth (n,γ) cross sections and their astrophysical impact. , 2007, , .		6

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181	Measurement of the $^{197}\text{Au}(n,\hat{1}^3)$ cross section at n_TOF: towards a new standard. , 2007, , .		4
182	Measurement of the ^{244}Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.	0.3	4
183	Setup for the measurement of the $^{235}\text{U}(n, f)$ cross section relative to n-p scattering up to 1 GeV. EPJ Web of Conferences, 2020, 239, 01008.	0.3	4
184	Measurements of neutron capture cross-sections for ADS-related studies. Nuclear Instruments & Methods in Physics Research B, 2004, 213, 36-41.	1.4	3
185	Measurements at n_TOF of the Neutron Capture Cross Section of Minor Actinides Relevant to the Nuclear Waste Transmutation. AIP Conference Proceedings, 2005, , .	0.4	3
186	Influence of the $n \rightarrow p$ interaction on the $\hat{1}^2$ decay of ^{232}Th	2.9	3
187	$^{232}\text{Th}(\text{Tj ETQq1 } 1.0784314 \text{ rgBT/Overlock } 10 \text{ Tf } 50 \text{ } 502 \text{ Td}_3)$	2.9	3
188	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
189	Approaching the precursor nuclei of the third r-process peak with RIBs. Journal of Physics: Conference Series, 2016, 665, 012045.	0.4	3
190	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3
191	The $^{33}\text{S}(n,\hat{1}^{\pm})^{30}\text{Si}$ cross section measurement at n_TOF-EAR2 (CERN): From 0.01 eV to the resonance region. EPJ Web of Conferences, 2017, 146, 08004.	0.3	3
192	Measurement of the ^{244}Cm and ^{246}Cm neutron-induced capture cross sections at the n_TOF facility. EPJ Web of Conferences, 2019, 211, 03008.	0.3	3
193	Preliminary results on the ^{233}U capture cross section and alpha ratio measured at n_TOF (CERN) with the fission tagging technique. EPJ Web of Conferences, 2019, 211, 03007.	0.3	3
194	Evidence for enhanced neutron-proton correlations from the level structure of the ^{244}Tc nucleus	2.9	3
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