

# Cristian Massimi

## List of Publications by Year in descending order

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218  
papers

3,022  
citations

159585

30  
h-index

223800

46  
g-index

239  
all docs

239  
docs citations

239  
times ranked

1306  
citing authors





#	ARTICLE	IF	CITATIONS
37	Measurement and resonance analysis of the $^{237}\text{Np}$ neutron capture cross section. <i>Physical Review C</i> , 2012, 85, .	2.9	26
38	A new CVD diamond mosaic-detector for (n, $\gamma$ ) reactions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 190-194.	1.6	26
39	Measurement and resonance analysis of the $^{243}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2014, 90, .	2.9	26
40	Nuclear data activities at the n_TOF facility at CERN. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	26
41	Measurement and analysis of the $^{241}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2017, 95, .	2.9	24
42	The $^{139}\text{La}(n, \hat{1}^3)$ cross section: Key for the onset of the s-process. <i>Physical Review C</i> , 2007, 75, .	2.9	24
43	Neutron capture on $^{94}\text{Zr}$ : Resonance parameters and Maxwellian-averaged cross sections. <i>Physical Review C</i> , 2011, 84, .	2.9	24
44	Results of total cross section measurements for $^{197}\text{Au}$ in the neutron energy region from 4 to 108 keV at GELINA. <i>European Physical Journal A</i> , 2013, 49, 1.	2.5	24
45	GEANT4 simulations of the n_TOF spallation source and their benchmarking. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	24
46	High-accuracy determination of the $^{238}\text{U}$ fission cross section measurements of $^{155,157}\text{Gd}(n, \gamma \hat{1}^3)$ induced by thermal and epithermal neutrons. <i>European Physical Journal A</i> , 2019, 55, 1.	2.9	24
47	Cross section measurements of $^{155,157}\text{Gd}(n, \gamma \hat{1}^3)$ induced by thermal and epithermal neutrons. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	23
48	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
49	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n, \hat{1}^{\pm})\hat{1}^{\pm}$ reaction at n_TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 830, 197-205.	1.6	21
50	Radiative neutron capture on $^{242}\text{Pu}$ in the resonance region at the CERN n_TOF-EAR1 facility. <i>Physical Review C</i> , 2018, 97, .	2.9	21
51	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. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	20
52	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	19
53	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	19
54	Evaluation of resonance parameters for neutron induced reactions in cadmium. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 300, 11-29.	1.4	19

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55	Fission induced by nucleons at intermediate energies. Nuclear Physics A, 2015, 933, 43-67. <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>96</mml:mn></mml:msup></mml:math>Zr(<mml:math>T_j ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (xmlns:mml="http://	1.5	18
56		2.9	17
57	Imaging neutron capture cross sections: I-TED proof-of-concept and future prospects based on Machine-Learning techniques. European Physical Journal A, 2021, 57, 1.	2.5	16
58	Neutron-induced fission cross-section of $^{233}\text{U}$ in the energy range 0.5 <math>E_n</math> <math>20\text{ MeV}</math>. European Physical Journal A, 2011, 47, 1.	2.5	15
59	Geant4 simulation of the n_TOF-EAR2 neutron beam: Characteristics and prospects. European Physical Journal A, 2016, 52, 1.	2.5	15
60	HPRL – International cooperation to identify and monitor priority nuclear data needs for nuclear applications. EPJ Web of Conferences, 2020, 239, 15005.	0.3	15
61	The fission experimental programme at the CERN n_TOF facility: status and perspectives. European Physical Journal A, 2020, 56, 1.	2.5	15
62	Neutron Resonance Parameters of $^{197}\text{Au}$ from Transmission, Capture, and Self-Indication Measurements at GELINA. Journal of the Korean Physical Society, 2011, 59, 1689-1692.	0.7	15
63	Measurement of the $^{236}\text{U}(n,f)$ cross section from 170 meV to 2 MeV at the CERN n_TOF facility. Physical Review C, 2011, 84, .	2.9	14
64	Measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ cross section at n_TOF at CERN by in-beam activation analysis. Physical Review C, 2014, 90, .	2.9	14
65	Neutron-induced fission cross section of $^{234}\text{U}$ measured at the CERN n_TOF facility. Physical Review C, 2014, 89, .	2.9	14
66	The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point $^{59}\text{Ni}$ . Nuclear Data Sheets, 2014, 120, 208-210.	2.2	14
67	Fission Fragment Angular Distribution measurements of $^{235}\text{U}$ and $^{238}\text{U}$ at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.	0.3	14
68	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n,p)^{7}\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33.	1.6	14
69	Neutron-induced fission cross section of $^{245}\text{Cm}$ : New results from data taken at the time-of-flight facility n_TOF. Physical Review C, 2012, 85, .	2.9	13
70	On the role of secondary pions in spallation targets. European Physical Journal A, 2017, 53, 1.	2.5	13
71	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>70</mml:mn></mml:mmultiscripts><mml:mo>( </mml:mo><mml:mi>n</mml:mi><mml:mo>, </mml:mo><mml:mi>^3</mml:mi></mml:math> cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, .	2.9	13
72	Investigations for the use of the fast digitizers with detectors for radiative capture measurements at GELINA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 453-459.	1.6	12

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73	Neutron capture cross section measurement of $^{238}\text{U}$ at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. <i>Physical Review C</i> , 2017, 95, .	2.9	12
74	Measurement of the $^{154}\text{Gd}(n,\hat{1}^3)$ cross section and its astrophysical implications. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 804, 135405.	4.1	12
75	The measurement of the $^{206}\text{Pb}(n,\hat{1}^3)$ cross section and stellar implications. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014020.	3.6	11
76	Measurement of the neutron-induced fission cross-section of $^{243}\text{Am}$ relative to $^{235}\text{U}$ from 0.5 to 20 MeV. <i>European Physical Journal A</i> , 2011, 47, 1.	2.5	11
77	Neutron-induced fission cross section of $^{237}\text{Np}$ in the keV to MeV range at the CERN n_TOF facility. <i>Physical Review C</i> , 2016, 93, .	2.9	11
78	Measurement of $^{73}\text{Ge}(n,\hat{1}^3)$ cross sections and implications for stellar nucleosynthesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 790, 458-465.	4.1	11
79	Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 3251-3257.	1.4	10
80	Destruction of the cosmic $^{26}\text{Al}$ -ray emitter in massive stars: Study of the key	2.9	10
81	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. , , .		10
82	Measurement of the neutron-induced fission cross-section of $^{241}\text{Am}$ at the time-of-flight facility n_TOF. <i>European Physical Journal A</i> , 2013, 49, 1.	2.5	9
83	Integral measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ reaction up to 10 GeV. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	9
84	Measurement and analysis of the $^{241}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2018, 97, .	2.9	9
85	Study of Photon Strength Function of Actinides: the Case of $^{235}\text{U}$ , $^{238}\text{Np}$ and $^{241}\text{Pu}$ . <i>Journal of the Korean Physical Society</i> , 2011, 59, 1510-1513.	0.7	9
86	Nuclear physics for the Re/Os clock. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014015.	3.6	8
87	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. <i>Physical Review C</i> , 2017, 96, .	2.9	8
88	Measurement and resonance analysis of the $^{238}\text{U}(n,\hat{1}^3)$ cross section at the CERN n_TOF facility in the ener.	2.9	8
89	Neutron Resonance Spectroscopy at GELINA. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1563-1568.	0.7	8
90	NEAR: A New Station to Study Neutron-Induced Reactions of Astrophysical Interest at CERN-n_TOF. <i>Universe</i> , 2022, 8, 255.	2.5	8

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91	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	1.5	7
92	High accuracy $^{235}\text{U}(n,f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.3	7
93	Measurement of the neutron capture cross section of the fissile isotope $^{235}\text{U}$ with the CERN n_TOF total absorption calorimeter and a fission tagging based on micromegas detectors. EPJ Web of Conferences, 2017, 146, 11021.	0.3	7
94	Investigation of the $^{240}\text{Pu}(n,f)$ reaction at the n_TOF/EAR2 facility in the 9 meV–6 MeV range. Physical Review C, 2020, 102, .	2.9	7
95	n_TOF: Measurements of Key Reactions of Interest to AGB Stars. Universe, 2022, 8, 100.	2.5	7
96	Measurement of the $^{240}\text{Pu}(n,f)$ cross-section at the CERN n_TOF facility: First results from experimental area II (EAR-2). EPJ Web of Conferences, 2017, 146, 04030.	0.3	6
97	Charge identification of fragments with the emulsion spectrometer of the FOOT experiment. Open Physics, 2021, 19, 383-394.	1.7	6
98	Destruction of the cosmic $\hat{1}^3$ -ray emitter $\text{Al}^{26}$ in massive stars: Study of the key $\text{Al}^{26}(n,\hat{1}^{\pm})$ reaction. Physical Review C, 2021, 104, .	2.9	6
99	Improved lead and bismuth ( $n,\hat{1}^3$ ) cross sections and their astrophysical impact. , 2007, , .		6
100	Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024.	0.3	5
101	Measurement of $^{12}\text{C}$ Fragmentation Cross Sections on C, O, and H in the Energy Range of Interest for Particle Therapy Applications. IEEE Transactions on Radiation and Plasma Medical Sciences, 2020, 4, 269-282.	3.7	5
102	Measurement of the $^{72}\text{Ge}(n,\hat{1}^{\pm})$ cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, .	2.9	5
103	The neutron capture cross sections of $^{237}\text{Np}(n,\hat{1}^3)$ and $^{240}\text{Pu}(n,\hat{1}^3)$ and its relevance in the transmutation of nuclear waste. , 2007, , .		5
104	Simultaneous measurement of the neutron capture and fission yields of $^{233}\text{U}$ . , 2007, , .		5
105	Capture cross section measurements of $^{186,187,188}\text{Os}$ at n_TOF: the resolved resonance region. , 2007, , .		5
106	RIPTIDE: a novel recoil-proton track imaging detector for fast neutrons. Journal of Instrumentation, 2021, 16, C12013.	1.2	5
107	Reassessment of gadolinium odd isotopes neutron cross sections: scientific motivations and sensitivity-uncertainty analysis on LWR fuel assembly criticality calculations. EPJ Nuclear Sciences & Technologies, 2017, 3, 21.	0.7	4
108	Charge identification of nuclear fragments with the FOOT Time-Of-Flight system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1001, 165206.	1.6	4

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109	First Results of the $^{140}\text{Ce}(n, \hat{\nu})^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	2.5	4
110	Measurements of the branching ratio of the $^{209}\text{Bi}(n, \hat{\nu})^{210}\text{gBi}/^{210}\text{mBi}$ reactions at GELINA. , 2007, , .		4
111	Measurement of neutron induced fission of $^{235}\text{U}$ , $^{233}\text{U}$ and $^{245}\text{Cm}$ with the FIC detector at the CERN n_TOF facility. , 2007, , .		4
112	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.7	4
113	Measurement of the $^{197}\text{Au}(n, \hat{\nu})$ cross section at n_TOF: towards a new standard. , 2007, , .		4
114	Measurement of the $^{244}\text{Cm}$ capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.	0.3	4
115	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
116	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
117	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3
118	The $^{33}\text{S}(n, \hat{\nu})^{30}\text{Si}$ 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
119	Measurement of the $^{244}\text{Cm}$ and $^{246}\text{Cm}$ neutron-induced capture cross sections at the n_TOF facility. EPJ Web of Conferences, 2019, 211, 03008.	0.3	3
120	Preliminary results on the $^{233}\text{U}$ 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
121	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.3	3
122	Improved Neutron Capture Cross Section Measurements with the n_TOF Total Absorption Calorimeter. Journal of the Korean Physical Society, 2011, 59, 1813-1816.	0.7	3
123	Fission Cross-section Measurements of $^{233}\text{U}$ , $^{245}\text{Cm}$ and $^{241}\text{Am};^{243}\text{Am}$ at CERN n_TOF Facility. Journal of the Korean Physical Society, 2011, 59, 1912-1915.	0.7	3
124	Measurement of the $^{76}\text{Ge}(n, \hat{\nu})$ cross section at the n_TOF facility at CERN. Physical Review C, 2021, 104, .	2.9	3
125	The $^{234}\text{U}$ neutron capture cross section measurement at the n_TOF facility. , 2007, , .		3
126	Neutron cross section measurements at n-TOF for ADS related studies. Journal of Physics: Conference Series, 2006, 41, 352-360.	0.4	2



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127	Measurements of high-energy neutron-induced fission of $^{208}\text{Pb}$ and $^{209}\text{Bi}$ . EPJ Web of Conferences, 2010, 8, 07009.	0.3	2
128	Neutron-induced fission cross section measurement of $^{233}\text{U}$ , $^{241}\text{Am}$ and $^{243}\text{Am}$ in the energy range 0.5 MeV $\leq E_n \leq$ 20 MeV at n_TOF at CERN. Physica Scripta, 2012, T150, 014005.	2.5	2
129	Present status and future programs of the n_TOF experiment. EPJ Web of Conferences, 2012, 21, 03001.	0.3	2
130	Measurement of the $^{242}\text{Pu}(n,f)$ cross section at n_TOF. EPJ Web of Conferences, 2014, 66, 03088.	0.3	2
131	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.3	2
132	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204.	2.2	2
133	Towards the high-accuracy determination of the $^{238}\text{U}$ fission cross section at the threshold region at CERN n_TOF. EPJ Web of Conferences, 2016, 111, 02002.	0.3	2
134	Experiments with neutron beams for the astrophysical s-process. Journal of Physics: Conference Series, 2016, 665, 012020.	0.4	2
135	The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002.	0.3	2
136	Preparation and characterization of $^{235}\text{U}$ samples for $^{235}\text{U}(n,\gamma)$ at n_TOF facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 142-147.	1.6	2
137	Sensitivity uncertainty analysis and new neutron capture cross-sections for gadolinium odd-isotopes to support nuclear safety. Annals of Nuclear Energy, 2019, 132, 537-543.	1.8	2
138	Study of the photon strength functions and level density in the gamma decay of the $n + ^{234}\text{U}$ reaction. EPJ Web of Conferences, 2019, 211, 02002.	0.3	2
139	Neutron capture measurement at the n_TOF facility of the $^{204}\text{Tl}$ and $^{205}\text{Tl}$ s-process branching points. Journal of Physics: Conference Series, 2020, 1668, 012005.	0.4	2
140	A compact fission detector for fission-tagging neutron capture experiments with radioactive fissile isotopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 163981.	1.6	2
141	Preliminary results on the $^{233}\text{U}$ $\beta$ -ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043.	0.3	2
142	Neutron Capture on $^{209}\text{Bi}$ : Determination of the Production Ratio of $^{210\text{m}}\text{Bi}/^{210\text{g}}\text{Bi}$ . Journal of the Korean Physical Society, 2011, 59, 1670-1675.	0.7	2
143	Neutron Capture Measurements on Minor Actinides at the n_TOF Facility at CERN: Past, Present and Future. Journal of the Korean Physical Society, 2011, 59, 1809-1812.	0.7	2
144	$^{237}\text{Np}(n,f)$ Cross Section: New Data and Present Status. Journal of the Korean Physical Society, 2011, 59, 1908-1911.	0.7	2

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145	Study of photon strength functions of $^{241}\text{Pu}$ and $^{245}\text{Cm}$ from neutron capture measurements. EPJ Web of Conferences, 2020, 239, 01015.	0.3	2
146	Neutron capture cross section measurements of $^{241}\text{Am}$ at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009.	0.3	2
147	$^{241}\text{Am}(n,\gamma)^{242}\text{Am}$ and $^{241}\text{Am}(n,\text{Tf})^{242}\text{Am}$ cross sections at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01010.	0.3	2
148	A Charge sensitive Preamplifier with an active ultra fast recovery circuit for experiments at neutron Time-of-Flight Facilities. , 2006, , .		1
149	The Neutron Time-Of-Flight Facility n_TOF At CERN: Phase II. , 2011, , .		1
150	Collective spectra along the fission barrier. EPJ Web of Conferences, 2012, 38, 07001.	0.3	1
151	$^{197}\text{Au}(n,\gamma)^{198}\text{Au}$ - towards a new standard for energies relevant to stellar nucleosynthesis. Journal of Physics: Conference Series, 2012, 337, 012045.	0.4	1
152	Angular distribution in the neutron-induced fission of actinides. EPJ Web of Conferences, 2013, 62, 08003.	0.3	1
153	Evaluation of stable tungsten isotopes in the resolved resonance region. EPJ Web of Conferences, 2013, 42, 02002.	0.3	1
154	The nucleosynthesis of heavy elements in Stars: the key isotope $^{25}\text{Mg}$ . EPJ Web of Conferences, 2014, 66, 07016.	0.3	1
155	$^{238}\text{U}(n,\gamma)^{239}\text{U}$ reaction cross section measurement with C6D6 detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061.	0.3	1
156	Fission at intermediate neutron energies. Journal of Physics: Conference Series, 2014, 533, 012024.	0.4	1
157	A direct method for unfolding the resolution function from measurements of neutron induced reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 875, 41-50.	1.6	1
158	The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014.	0.3	1
159	$^{7}\text{Be}(n,\alpha)^{4}\text{He}$ and $^{7}\text{Be}(n,p)^{7}\text{Li}$ cross-section measurement for the cosmological lithium problem at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 01012.	0.3	1
160	The $^{236}\text{U}$ neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054.	0.3	1
161	Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020.	0.3	1
162	High accuracy $^{234}\text{U}(n,f)$ cross section in the resonance energy region. EPJ Web of Conferences, 2017, 146, 04057.	0.3	1

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163	New measurement of the $^{242}\text{Pu}(n,\hat{1}^3)$ cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. EPJ Web of Conferences, 2017, 146, 11045.	0.3	1
164	The n_TOF facility: Neutron beams for challenging future measurements at CERN. EPJ Web of Conferences, 2017, 146, 03001.	0.3	1
165	Measurement of the $^{241}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022.	0.3	1
166	Measurement of the radiative capture cross section of the s-process branching points $^{204}\text{Tl}$ and $^{171}\text{Tm}$ at the n_TOF facility (CERN). EPJ Web of Conferences, 2018, 178, 03004.	0.3	1
167	Fission program at n_TOF. EPJ Web of Conferences, 2019, 211, 03006.	0.3	1
168	Measurement of the $\hat{1}^3$ ratio and cross section of $^{80}\text{Se}(n,\hat{1}^3)$ cross-section measurement at CERN n TOF. Journal of Physics: Conference Series, 2020, 1668, 012001.	0.4	1
169	$^{80}\text{Se}(n,\hat{1}^3)$ cross-section measurement at CERN n TOF. Journal of Physics: Conference Series, 2020, 1668, 012001.	0.4	1
170	Review and new concepts for neutron-capture measurements of astrophysical interest. Journal of Physics: Conference Series, 2020, 1668, 012013.	0.4	1
171	Enhancing the understanding of fragmentation processes in hadrontherapy and radioprotection in space with the FOOT experiment. Physica Scripta, 2021, 96, 114013.	2.5	1
172	Neutron resonance spectroscopy at n_TOF at CERN. , 2007, , .		1
173	Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214.		1
174	Data for the s Process from n_TOF. Springer Proceedings in Physics, 2019, , 63-70.	0.2	1
175	Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, .	2.9	1
176	Measurements of neutron capture cross-sections at n_TOF. AIP Conference Proceedings, 2007, , .	0.4	0
177	Measurement of the Neutron Induced Fission Cross Section on Transuranic (TRU) Elements at the n_TOF Facility at CERN. AIP Conference Proceedings, 2007, , .	0.4	0
178	Recent Results at n_TOF and Future Perspectives. AIP Conference Proceedings, 2008, , .	0.4	0
179	n_TOF Experiment: Past, Present And Future. , 2009, , .		0
180	Neutron Induced Capture Reaction Studies in the Resonance Region at GELINA. , 2009, , .		0

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181	Neutron Capture Measurements at the n <sub>TOF</sub> Facility. , 2009, , .		0
182	Fission cross-section measurements on [ <sup>233</sup> U and minor actinides at the CERN n <sub>TOF</sub> facility. , 2009, , .		0
183	Forthcoming (n, <sup>3</sup> ) measurements on the Fe and Ni isotopes at CERN n_TOF. Journal of Physics: Conference Series, 2010, 202, 012026.	0.4	0
184	ASTROPHYSICS AT n <sub>TOF</sub> FACILITY. , 2010, , .		0
185	Study of Neutron-Induced Fission Cross Sections of U, Am, and Cm at n <sub>TOF</sub> . , 2010, , .		0
186	Astrophysics at n_TOF Facility at CERN. Journal of Physics: Conference Series, 2011, 312, 042024.	0.4	0
187	Advanced fission models in nuclear data calculations. Journal of Physics: Conference Series, 2012, 366, 012046.	0.4	0
188	Neutron research at the N_TOF facility (CERN): Results and perspectives. , 2013, , .		0
189	Evaluation of neutron induced reaction cross sections in the resolved and unresolved resonance region at EC " JRC " IRMM. EPJ Web of Conferences, 2013, 42, 02001.	0.3	0
190	Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003.	0.3	0
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