

Francisco Calvino

List of Publications by Year in descending order

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262
papers

3,749
citations

126858

33
h-index

189801

50
g-index

279
all docs

279
docs citations

279
times ranked

1926
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1.	1.0	205
2	Multihadronic events at $\sqrt{s} = 29$ GeV and predictions of QCD models from $\sqrt{s} = 29$ GeV to $\sqrt{s} = 93$ GeV. Physical Review D, 1988, 37, 1-27.	1.6	114
3	New experimental validation of the pulse height weighting technique for capture cross-section measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 521, 454-467.	0.7	101
4	$\langle \sigma_{\text{th}} \rangle = \frac{1}{N} \sum_{i=1}^N \sigma_i$	2.9	94
5	The data acquisition system of the neutron time-of-flight facility n_TOF at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 692-702.	0.7	84
6	The new vertical neutron beam line at the CERN n_TOF facility design and outlook on the performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 90-98.	0.7	82
7	The n_TOF Total Absorption Calorimeter for neutron capture measurements at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 692-702.	0.7	80
8	Neutron induced fission cross section of ^{234}U and ^{237}Np . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 521, 454-467.	1.1	72
9	High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1.	1.0	71
10	The Mark II detector for the SLC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 281, 55-80.	0.7	68
11	$\langle \sigma_{\text{th}} \rangle = \frac{1}{N} \sum_{i=1}^N \sigma_i$	1.1	68
12	Neutron Capture Cross Section Measurement of ^{151}Sm at the CERN Neutron Time of Flight Facility (n_TOF). Physical Review Letters, 2004, 93, 161103.	2.9	65
13	$\langle \sigma_{\text{th}} \rangle = \frac{1}{N} \sum_{i=1}^N \sigma_i$	2.9	65
14	$\langle \sigma_{\text{th}} \rangle = \frac{1}{N} \sum_{i=1}^N \sigma_i$	1.1	55
15	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	1.1	55
16	Measurement of the n_TOF beam profile with a micromegas detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 524, 102-114.	0.7	54
17	First measurement of Several Delayed Neutron Emitting Isotopes Beyond ^{135}I . Physical Review Letters, 2016, 117, 012501.	2.9	47
18	New measurement of neutron capture resonances in ^{209}Bi . Physical Review C, 2006, 74, .	1.1	46

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37	Measurement and analysis of the ^{237}Np neutron capture cross section. Physical Review C, 2012, 85, .	1.1	31
38	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.	0.7	31
39	Measurement of the radiative neutron capture cross section of ^{206}Pb and its astrophysical implications. Physical Review C, 2007, 76, .	1.1	30
40	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, .	1.1	30
41	cross sections of ^{187}Os Experimental neutron capture data of ^{187}Os from the CERN n_TOF facility. Physical Review C, 2014, 89, .	1.1	28
42	Experimental neutron capture data of ^{187}Os from the CERN n_TOF facility. Physical Review C, 2014, 89, .	1.1	28
43	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.	0.7	28
44	Study of charm photoproduction mechanisms. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 53-62.	1.5	27
45	Study of the point spread function (PSF) for ^{123}I SPECT imaging using Monte Carlo simulation. Physics in Medicine and Biology, 2004, 49, 3125-3136.	1.6	27
46	Studies of jet production rates in e^+e^- annihilation at $\sqrt{s}=29$ GeV. Zeitschrift für Physik C-Particles and Fields, 1989, 43, 325-330.	1.5	26
47	Measurement and resonance analysis of the ^{237}Np neutron capture cross section. Physical Review C, 2012, 85, .	1.1	26
48	A new CVD diamond mosaic-detector for (n, γ) at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Detectors and Associated Equipment, 2013, 732, 190-194.	0.7	26
49	Measurement and analysis of the ^{243}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 89, .	1.1	26
50	Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1.	1.2	26
51	Measurement and analysis of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 89, .	1.1	24
52	The $^{139}\text{La}(n,\gamma)$ cross section: Key for the onset of the s-process. Physical Review C, 2007, 75, .	1.1	24
53	Neutron capture on ^{94}Zr : High-accuracy determination of the $^{94}\text{Zr}(n,\gamma)$ cross sections. Physical Review C, 2011, 84, .	1.1	24
54	High-accuracy determination of the ^{238}U and ^{235}U fission cross sections. Physical Review C, 2011, 84, .	1.1	24

#	ARTICLE	IF	CITATIONS
55	Measurement of resolved resonances of $^{232}\text{Th}(n, \hat{1}^3)$ at the n_TOF facility at CERN. <i>Physical Review C</i> , 2012, 85, .	1.1	23
56	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.	1.0	23
57	Commissioning of the BRIKEN detector for the measurement of very exotic $\hat{1}^2$ -delayed neutron emitters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 925, 133-147.	0.7	23
58	Absolute quantification in dopaminergic neurotransmission SPECT using a Monte Carlo-based scatter correction and fully 3-dimensional reconstruction. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1497-504.	2.8	23
59	Evaluation of the geometric, scatter, and septal penetration components in fan-beam collimators using Monte Carlo simulation. <i>IEEE Transactions on Nuclear Science</i> , 2002, 49, 12-16.	1.2	22
60	$\hat{1}^2$ -decay half-lives and $\hat{1}^2$ -delayed neutron emission probabilities for several isotopes of Au, Hg, Tl, Pb, and Bi, beyond $N=126$. <i>Physical Review C</i> , 2017, 95.	1.1	22
61	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.	0.7	21
62	Radiative neutron capture on ^{242}Pu in the resonance region at the CERN n_TOF-EAR1 facility. <i>Physical Review C</i> , 2018, 97.	1.1	21
63	$\hat{1}^2$ -Process Branching Point ^{171}Tm	1.1	21
64	$\hat{1}^2$ -delayed neutron emission of r-process nuclei at the $N=82$ shell closure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136266.	1.5	21
65	Trigger drift chamber for the upgraded mark II detector at PEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1987, 255, 486-492.	0.7	20
66	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.	1.0	20
67	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. <i>European Physical Journal A</i> , 2012, 48, 1.	1.0	19
68	^{96}Zr $\hat{1}^2$ -delayed neutron emission of r-process nuclei at the $N=82$ shell closure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136266.	1.1	17
69	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.	1.0	16
70	The BRIKEN Project: Extensive Measurements of η -delayed Neutron Emitters for the Astrophysical r Process. <i>Acta Physica Polonica B</i> , 2018, 49, 417.	0.3	16
71	Determination of $\hat{1}^2$ from energy-energy correlations in e^+e^- annihilation at 29 GeV. <i>Physical Review D</i> , 1988, 37, 3091-3102.	1.6	15
72	Upper limits on $D_{\hat{1}^2}$ and $B_{\hat{1}^2}$ decays to two leptons plus $\hat{1}^2$ or $\hat{1}^{\pm}$. <i>Physical Review D</i> , 1990, 41, 1384-1388.	1.6	15

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73	Modeling of high-energy contamination in SPECT imaging using Monte Carlo simulation. IEEE Transactions on Nuclear Science, 2006, 53, 198-203.	1.2	15
74	Neutron-induced fission cross-section of ^{233}U in the energy range $0.5 < E_n < 20$ MeV. European Physical Journal A, 2011, 47, 1.	1.0	15
75	New Beta-delayed Neutron Measurements in the Light-mass Fission Group. Nuclear Data Sheets, 2014, 120, 74-77.	0.7	15
76	Measurement of the $^{236}\text{U}(n,f)$ cross section from 170 meV to 2 MeV at the CERNn_TOF facility. Physical Review C, 2011, 84, .	1.1	14
77	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, .	1.1	14
78	Neutron-induced fission cross section of ^{234}U measured at the CERN n_TOF facility. Physical Review C, 2014, 89, .	1.1	14
79	The $(n, \hat{\pm})$ Reaction in the s-process Branching Point ^{59}Ni . Nuclear Data Sheets, 2014, 120, 208-210.	0.7	14
80	Fission Fragment Angular Distribution measurements of ^{235}U and ^{238}U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.	0.1	14
81	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.	0.7	14
82	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.	0.7	14
83	Measurement of the B_0 -meson lifetime. Physical Review Letters, 1990, 64, 1095-1098.	2.9	13
84	Neutron-induced fission cross section of ^{245}Cm : New results from data taken at the time-of-flight facility n_TOF. Physical Review C, 2012, 85, .	1.1	13
85	Measurement of the ^{86}Ge β -delayed neutron emission from two-neutron unbound states in ^{86}Ge . Physical Review C, 2014, 89, .	1.1	13
86	Strong one-neutron emission from two-neutron unbound states in ^{86}Ge decays of the s-process nuclei ^{86}Ge and ^{86}Ga . Physical Review C, 2014, 89, .	1.1	13
87	β -delayed neutron emission studies. Hyperfine Interactions, 2014, 223, 185-194.	0.2	12
88	Neutron capture cross section measurement of ^{238}U at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. Physical Review C, 2017, 95, .	1.1	12
89	Measurement of the $^{154}\text{Gd}(n, \hat{3})$ cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405.	1.5	12
90	A reanalysis of $B_0 - B_1, 0$ mixing in $e^+e^- \rightarrow \gamma^* \rightarrow \text{hadrons}$ annihilation at 29 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 289-296.	1.5	11

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91	Branching ratios and properties of D-meson decays. Zeitschrift für Physik C-Particles and Fields, 1991, 50, 11-20.	1.5	11
92	D correlations in photoproduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 385-392.	1.5	11
93	The measurement of the $^{206}\text{Pb}(n, \hat{1}^3)$ cross section and stellar implications. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014020.	1.4	11
94	Measurement of the neutron-induced fission cross-section of ^{243}Am relative to ^{235}U from 0.5 to 20 MeV. European Physical Journal A, 2011, 47, 1.	1.0	11
95	Neutron-induced fission cross section of ^{237}Np in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, .	1.1	11
96	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.	1.5	11
97	Measurement of Ds^{\pm} and Cabibbo-suppressed D^{\pm} decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 261-266.	1.5	10
98	Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3251-3257.	0.6	10
99	$\hat{1}^2$ -decay and $\hat{1}^2$ -delayed Neutron Emission Measurements at GSI-FRS Beyond ^{126}N , Observation of a ^{126}N β -decay process. Nuclear Data Sheets, 2014, 120, 81-83.	0.7	10
100	^{134}Xe isomer in ^{134}Xe β -decay. Nuclear Data Sheets, 2014, 120, 81-83.	1.1	10
101	^{26}Al in massive stars: Study of the ^{26}Al β -decay. Physical Review Letters, 2007, 99, 111101.	1.1	10
102	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
103	Search for elastic nondiagonal lepton-pair production in e^+e^- annihilation at $\sqrt{s}=29$ GeV. Physical Review Letters, 1991, 66, 1007-1010.	2.9	9
104	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.	1.0	9
105	Integral measurement of the $^{12}\text{C}(n, p)^{12}\text{B}$ reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1.	1.0	9
106	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, .	1.1	9
107	Measurement and analysis of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, .	1.1	9
108	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.	0.3	9

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109	Photoproduction of the \hat{c} charmed baryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 256-260.	1.5	8
110	Nuclear physics for the Re/Os clock. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014015.	1.4	8
111	Measurement of the $U238(n,\hat{c})$ cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. Physical Review C, 2017, 96, .	1.1	8
112	Measurement and resonance analysis of the S_{33} cross section at the CERN n_TOF facility in the ener. Physical Review C, 2018, 97, .	1.1	8
113	Measurement of the $^{151}Sm(n,\hat{c})^{152}Sm$ cross section at n_TOF. Nuclear Physics A, 2005, 758, 533-536.	0.6	7
114	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. Nuclear Physics A, 2005, 758, 501-504.	0.6	7
115	Neutron reactions and nuclear cosmo-chronology. Progress in Particle and Nuclear Physics, 2007, 59, 165-173.	5.6	7
116	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	0.7	7
117	High accuracy $^{235}U(n,f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.1	7
118	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. EPJ Web of Conferences, 2017, 146, 11021.	0.1	7
119	Investigation of the $^{240}Pu(n,f)$ reaction at the n_TOF/EAR2 facility in the 9 meV-6 MeV range. Physical Review C, 2020, 102, .	1.1	7
120	Monte Carlo Simulations for the Study of a Moderated Neutron Detector. Journal of the Korean Physical Society, 2011, 59, 1573-1576.	0.3	7
121	Measurement of the D^0 lifetime from the upgraded Mark II detector at the SLAC e^+e^- storage ring PEP. Physical Review D, 1987, 36, 2850-2853.	1.6	6
122	Search for B-decay to Higgs bosons for Higgs boson masses between 50 and 210 MeV/c ² . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 229, 169-174.	1.5	6
123	Lifetime measurements of the D^+ , D^0 , D^s+ , and $c+$ charmed particles. Zeitschrift für Physik C-Particles and Fields, 1990, 47, 539-545.	1.5	6
124	Results concerning the decay $D_s^+ \rightarrow \hat{c} \ell^+ \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 639-643.	1.5	6
125	Measurement of the total hadronic cross section in e^+e^- annihilation at $s=29\text{GeV}$. Physical Review D, 1991, 43, 34-45.	1.6	6
126	Measurement of the $^{240}Pu(n,f)$ cross-section at the CERN n_TOF facility: First results from experimental area II (EAR-2). EPJ Web of Conferences, 2017, 146, 04030.	0.1	6

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127	Destruction of the cosmic $\hat{1}^3$ -ray emitter Al26 in massive stars: Study of the key Al26($n,\hat{1}^\pm$) reaction. Physical Review C, 2021, 104, .	1.1	6
128	Improved lead and bismuth ($n,\hat{1}^3$) cross sections and their astrophysical impact. , 2007, , .		6
129	Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024. A first prototype of C	0.1	5
130	Measurement of the $^{60}\text{Fe}(n,\hat{1}^3)^{61}\text{Fe}$ total-energy detector cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, .	0.7	5
131	Measurement of the $^{72}\text{Ge}(n,\hat{1}^3)^{73}\text{Ge}$ cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, .		5
132	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
133	Simultaneous measurement of the neutron capture and fission yields of ^{233}U . , 2007, , .		5
134	Capture cross section measurements of ^{186}O , ^{187}O , ^{188}O at n_TOF: the resolved resonance region. , 2007, , .		5
135	First Results of the $^{140}\text{Ce}(n,\hat{1}^3)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	0.9	4
136	Measurement of neutron induced fission of ^{235}U , ^{233}U and ^{245}Cm with the FIC detector at the CERN n_TOF facility. , 2007, , .		4
137	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.3	4
138	Measurement of the $^{197}\text{Au}(n,\hat{1}^3)$ cross section at n_TOF: towards a new standard. , 2007, , .		4
139	Measurement of the ^{244}Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.	0.1	4
140	Measurements at n_TOF of the Neutron Capture Cross Section of Minor Actinides Relevant to the Nuclear Waste Transmutation. AIP Conference Proceedings, 2005, , .	0.3	3
141	Neutron Capture Cross Section Measurements at n_TOF of ^{237}Np , ^{240}Pu and ^{243}Am for the Transmutation of Nuclear Waste. AIP Conference Proceedings, 2006, , . Publisher's Note: Measurement of resolved resonances of	0.3	3
142	Measurement of the $^{232}\text{Th}(n,\hat{1}^3)^{233}\text{Th}$ cross section at n_TOF: towards a new standard. , 2007, , .	1.1	3
143	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.1	3
144	Approaching the precursor nuclei of the third r-process peak with RIBs. Journal of Physics: Conference Series, 2016, 665, 012045.	0.3	3

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145	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.1	3
146	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.	0.1	3
147	New accurate measurements of neutron emission probabilities for relevant fission products. EPJ Web of Conferences, 2017, 146, 01004.	0.1	3
148	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.	0.1	3
149	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.	0.1	3
150	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.1	3
151	Improved Neutron Capture Cross Section Measurements with the n_TOF Total Absorption Calorimeter. Journal of the Korean Physical Society, 2011, 59, 1813-1816.	0.3	3
152	Fission Cross-section Measurements of ^{233}U , ^{245}Cm and ^{241}Am ; ^{243}Am at CERN n_TOF Facility. Journal of the Korean Physical Society, 2011, 59, 1912-1915.	0.3	3
153	Measurement of the $^{76}\text{Ge}(n,\hat{1}\pm)^{77}\text{Ge}$ cross section at the n_TOF facility at CERN. Physical Review C, 2021, 104, .	1.1	3
154	The ^{234}U neutron capture cross section measurement at the n_TOF facility. , 2007, , .		3
155	Evaluation of the geometric, scatter and septal penetration components in fan beam collimators using Monte Carlo simulation. , 0, , .		2
156	Evaluation of scattering models in brain SPECT imaging. , 0, , .		2
157	Measurements of the $^{90,91,92,94,96}\text{Zr}(n,\hat{1}\pm)$ cross-sections at n_TOF. Nuclear Physics A, 2005, 758, 573-576.	0.6	2
158	The n_TOF Facility at CERN: Performances and First Physics Results. AIP Conference Proceedings, 2005, , .	0.3	2
159	High-Resolution Study of ^{237}Np Fission Cross Section from 5 eV to 1 MeV. AIP Conference Proceedings, 2005, , .	0.3	2
160	Neutron cross section measurements at n-TOF for ADS related studies. Journal of Physics: Conference Series, 2006, 41, 352-360.	0.3	2
161	Measurements of high-energy neutron-induced fission of ^{208}Pb and ^{209}Bi . EPJ Web of Conferences, 2010, 8, 07009.	0.1	2
162	Neutron-induced fission cross section measurement of ^{233}U , ^{241}Am and ^{243}Am in the energy range 0.5 MeV $\hat{1}\pm$ 20 MeV at n_TOF at.2 CERN. Physica Scripta, 2012, T150, 014005.		2

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163	Present status and future programs of the n_TOF experiment. EPJ Web of Conferences, 2012, 21, 03001.	0.1	2
164	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.1	2
165	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204.	0.7	2
166	Towards the high-accuracy determination of the ^{238}U fission cross section at the threshold region at CERN n_TOF. EPJ Web of Conferences, 2016, 111, 02002.	0.1	2
167	Experiments with neutron beams for the astrophysical s-process. Journal of Physics: Conference Series, 2016, 665, 012020.	0.3	2
168	The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002.	0.1	2
169	Preparation and characterization of ^{235}U samples for the n_TOF facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 142-147.	0.7	2
170	Study of the photon strength functions and level density in the gamma decay of the n + ^{234}U reaction. EPJ Web of Conferences, 2019, 211, 02002.	0.1	2
171	Neutron capture measurement at the n_TOF facility of the ^{204}Tl and ^{205}Tl s-process branching points. Journal of Physics: Conference Series, 2020, 1668, 012005.	0.3	2
172	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.	0.7	2
173	Preliminary results on the ^{233}U λ -ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043.	0.1	2
174	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.	0.3	2
175	$^{237}\text{Np}(n,f)$ Cross Section: New Data and Present Status. Journal of the Korean Physical Society, 2011, 59, 1908-1911.	0.3	2
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200	cross section of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$		
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