

# Andreas Pavlik

## List of Publications by Year in descending order

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214  
papers

3,236  
citations

147801

31  
h-index

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48  
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230  
all docs

230  
docs citations

230  
times ranked

1238  
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.	2.5	205
2	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.	1.6	101
3	${}^7\text{Be} \rightarrow {}^7\text{Li} + \gamma$	7.8	94
4	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.	1.6	84
5	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.	1.6	82
6	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, 2009, 608, 424-433.	1.6	80
7	${}^{234}\text{U} \rightarrow {}^{234}\text{Th} + \alpha$	2.9	72
8	High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	71
9	${}^{197}\text{Au} + n \rightarrow {}^{198}\text{Au} + \gamma$	2.9	68
10	Precise measurement of cross sections for the ${}^{90}\text{Zr}(n,2n){}^{89}\text{Zr}$ reaction from threshold to 20 MeV. Journal of Physics G: Nuclear Physics, 1982, 8, 1283-1299.	0.8	66
11	Neutron Capture Cross Section Measurement of ${}^{151}\text{Sm}$ at the CERN Neutron Time of Flight Facility (n_TOF). Physical Review Letters, 2004, 93, 161103.	7.8	65
12	${}^7\text{Be} \rightarrow {}^7\text{Li} + \alpha$	7.8	58
13	${}^{197}\text{Au} + n \rightarrow {}^{198}\text{Au} + \gamma$	7.8	55
14	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	2.9	55
15	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.	1.6	54
16	Some aspects of activity measurements with NaI(Tl) well-type detectors. The International Journal of Applied Radiation and Isotopes, 1983, 34, 547-553.	0.7	49
17	New measurement of neutron capture resonances in ${}^{209}\text{Bi}$ . Physical Review C, 2006, 74, .	2.9	46
18	Neutron capture cross section of ${}^{90}\text{Zr}$ $\rightarrow$ Bottleneck in the $s$ -process reaction flow. Physical Review C, 2008, 77, .	2.9	44

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19	Neutron Capture Cross Section of Unstable $Ni$ : Implications for Stellar Nucleosynthesis. <i>Physical Review Letters</i> , 2013, 110, 022501.	7.8	44
20	Neutron capture cross section of $Th^{232}$ 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
21	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
22	Measurement of the $Sm^{151}(n,\gamma)$ 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	39
23	Neutron physics of the Re/Os clock. III. Resonance analyses and stellar $Zr$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 567 Td	2.9	36
24	cross sections of $Os$	2.9	36
25	Measurement of the $Os^{176}(n,\gamma)$ 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
26	Status and outlook of the neutron time-of-flight facility n_TOF at CERN. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2007, 261, 925-929.	1.4	35
27	$Pb^{207,208}(n,\alpha)^{13}C$ reactions for neutron energies from 3 to 200 MeV. <i>Physical Review C</i> , 1994, 50, 1952-1963.	2.9	34
28	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
29	Measurement of the $Zr$ Tj ETQq1 1 0 784314 rgBT /Overlock 10 Tf 50 622 Td	2.9	34
30	Measurement of the $Zr$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	2.9	33
31	Resonance capture cross section of $Pb^{207}$ . <i>Physical Review C</i> , 2006, 74, .	2.9	32
32	Measurement of the neutron capture cross section of the s-only isotope $Pb^{204}$ from 1 eV to 440 keV. <i>Physical Review C</i> , 2007, 75, .	2.9	32
33	Neutron spectroscopy of $^{26}Mg$ states: Constraining the stellar neutron source $^{22}Ne(\beta,n)^{25}Mg$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 768, 1-6.	4.1	32
34	Measurement of the $Ni$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	2.9	31
35	GEANT4 simulation of the neutron background of the $C_6D_6$ set-up for capture studies at n_TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 760, 57-67.	1.6	31
36	Neutron-Induced Reactions on $^{58}Ni$ . <i>Nuclear Science and Engineering</i> , 1985, 90, 186-202.	1.1	30

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37	Measurement of the radiative neutron capture cross section of $\text{Pb}$ and its astrophysical implications. <i>Physical Review C</i> , 2007, 76, .	2.9	30
38	High-accuracy $\text{U}^{233}(n,f)$ cross-section measurement at the white-neutron source n_TOF from near-thermal to 1 MeV neutron energy. <i>Physical Review C</i> , 2009, 80, .	2.9	30
39	cross sections of $\text{Os}$	2.9	28
40	Experimental neutron capture data of $\text{Ni}$ from the CERN n_TOF facility. <i>Physical Review C</i> , 2014, 89, .	2.9	28
41	Measurement of the angular distribution of fission fragments using a PPAC assembly at CERN n_TOF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 743, 79-85.	1.6	28
42	Measurement and resonance analysis of the $\text{Np}^{237}$ neutron capture cross section. <i>Physical Review C</i> , 2012, 85, .	2.9	26
43	A new CVD diamond mosaic-detector for (n, $\gamma$ ) at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 733, 100-104.	1.6	26
44	Measurement and analysis of the $\text{Am}^{243}$ neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2014, 90, .	2.9	26
45	Nuclear data activities at the n_TOF facility at CERN. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	26
46	A measurement of cross sections for $\text{Pb}^{208}$ from threshold up to 20 MeV. <i>Nuclear Physics A</i> , 2008, 811, 1-27.	1.5	25
47	Measurement and analysis of the $\text{Am}^{241}$ neutron capture cross section at the n_TOF facility at CERN. <i>Physical Review C</i> , 2014, 90, .	2.9	25
48	Survey of standardization possibilities with a NaI(Tl) well-type detector. <i>The International Journal of Applied Radiation and Isotopes</i> , 1983, 34, 1167-1174.	0.7	24
49	The $\text{La}^{139}(n,\hat{1}^3)$ cross section: Key for the onset of the s-process. <i>Physical Review C</i> , 2007, 75, .	2.9	24
50	Neutron capture on $\text{Zr}$ : Resonance parameters and Maxwellian-averaged cross sections. <i>Physical Review C</i> , 2011, 84, .	2.9	24
51	Neutron capture on $\text{U}$	2.9	24
52	Measurement of resolved resonances of $\text{Th}^{232}(n,\hat{1}^3)$ at the n_TOF facility at CERN. <i>Physical Review C</i> , 2012, 85, .	2.9	23
53	Cross section measurements of $\text{Gd}^{155,157}(n,\gamma\hat{1}^3)$ induced by thermal and epithermal neutrons. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	23
54	High resolution measurement of neutron inelastic scattering and cross-sections for $\text{Bi}^{209}$ . <i>Nuclear Physics A</i> , 2008, 799, 1-29.	1.5	22

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55	Experimental setup and procedure for the measurement of the ${}^7\text{Be}(n,\hat{I}\pm)\hat{I}\pm$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 197-205.	1.6	21
56	Radiative neutron capture on $\text{Pu}$ in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, .	2.9	21
57	Measurement of $\text{Tm}$ $\gamma$ -Process Branching Point	2.9	21
58	Measurement of $\text{U}(\text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td}$ 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.	2.5	20
59	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.	2.5	19
60	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.	2.5	19
61	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.	2.9	17
62	Precise measurement of cross sections for the reactions ${}^{59}\text{Co}(n,2n){}^{58}\text{mCo}$ and ${}^{59}\text{Co}(n,p){}^{59}\text{Fe}$ around 14 MeV. Journal of Physics G: Nuclear Physics, 1986, 12, 397-410.	0.8	16
63	${}^{27}\text{Al}(n,\hat{x}^3)$ reactions for neutron energies from 3 to 400 MeV. Physical Review C, 1998, 57, 2416-2426.	2.9	16
64	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
65	Accurate Determination of $(n,2n)$ Cross Sections for Heavy Nuclei from Neutron Production Spectra. Nuclear Science and Engineering, 1990, 106, 409-414.	1.1	15
66	Neutron-induced fission cross-section of ${}^{233}\text{U}$ in the energy range 0.5 &lt; En &lt; 20 MeV. European Physical Journal A, 2011, 47, 1.	2.5	15
67	Spallation reactions in ${}^{27}\text{Al}$ and ${}^{56}\text{Fe}$ induced by 800 MeV protons. Physical Review C, 1997, 55, 2458-2467.	2.9	14
68	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
69	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
70	Neutron-induced fission cross section of ${}^{234}\text{U}$ measured at the CERN n_TOF facility. Physical Review C, 2014, 89, .	2.9	14
71	The $(n, \hat{I}\pm)$ Reaction in the s-process Branching Point ${}^{59}\text{Ni}$ . Nuclear Data Sheets, 2014, 120, 208-210.	2.2	14
72	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

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73	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
74	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
75	Measurement of the ${}^{70}\text{Ge}(n,\gamma){}^{71}\text{Ge}$ cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, .	2.9	13
76	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. Physical Review C, 2017, 95, .	2.9	12
77	Measurement of the ${}^{154}\text{Gd}(n,\gamma)$ cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405.	4.1	12
78	The measurement of the ${}^{206}\text{Pb}(n,\gamma)$ cross section and stellar implications. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014020.	3.6	11
79	Measurement of the neutron-induced fission cross-section of ${}^{243}\text{Am}$ relative to ${}^{235}\text{U}$ from 0.5 to 20 MeV. European Physical Journal A, 2011, 47, 1.	2.5	11
80	Neutron-induced fission cross section of ${}^{237}\text{Np}$ in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, .	2.9	11
81	Measurement of ${}^{73}\text{Ge}(n,\gamma)$ 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
82	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
83	Measurement of the ${}^{26}\text{Al}(n,\gamma){}^{27}\text{Al}$ cross section in massive stars: Study of the key ${}^{26}\text{Al}$ $\gamma$ -ray emitter. Physical Review C, 2019, 100, .	2.9	10
84	Measurement of the neutron-induced fission cross-section of ${}^{241}\text{Am}$ at the time-of-flight facility n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	9
85	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
86	Measurement and analysis of the ${}^{241}\text{Am}(n,\gamma)$ neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, .	2.9	9
87	Study of Photon Strength Function of Actinides: the Case of ${}^{235}\text{U}$ , ${}^{238}\text{Np}$ and ${}^{241}\text{Pu}$ . Journal of the Korean Physical Society, 2011, 59, 1510-1513.	0.7	9
88	Nuclear physics for the Re/Os clock. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014015.	3.6	8
89	Measurement of the ${}^{238}\text{U}(n,\gamma)$ 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
90	Measurement and resonance analysis of the ${}^{33}\text{S}(n,\gamma){}^{34}\text{S}$ cross section at the CERN n_TOF facility in the ener. Physical Review C, 2018, 97, .	2.9	8

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91	Measurement of the $^{151}\text{Sm}(n,\hat{1}^3)^{152}\text{Sm}$ cross section at n_TOF. Nuclear Physics A, 2005, 758, 533-536.	1.5	7
92	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. Nuclear Physics A, 2005, 758, 501-504.	1.5	7
93	Neutron reactions and nuclear cosmo-chronology. Progress in Particle and Nuclear Physics, 2007, 59, 165-173.	14.4	7
94	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	1.5	7
95	High accuracy $^{235}\text{U}(n,f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.3	7
96	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
97	Investigation of the $^{240}\text{Pu}(n,f)$ reaction at the n_TOF/FAR2 facility in the $0.1\text{--}10\text{ eV}$ energy range. Physical Review C, 2020, 102, 024607.	2.9	7
98	Study of Gamma Radiation from Interaction of 14.7-MeV Neutrons with $^{208}\text{Pb}$ . Nuclear Science and Engineering, 1995, 119, 195-202.	1.1	6
99	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
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 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, 024607.	2.9	5
102	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
103	Simultaneous measurement of the neutron capture and fission yields of $^{233}\text{U}$ . , 2007, , .		5
104	First Results of the $^{140}\text{Ce}(n,\hat{1}^3)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	2.5	4
105	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
106	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.7	4
107	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
108	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

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109	Study of Gamma Radiation from the Interaction of 14.6-MeV Neutrons with $^{27}\text{Al}$ . Nuclear Science and Engineering, 1997, 125, 196-204.	1.1	3
110	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
111	Neutron Capture Cross Section Measurements at n_TOF of $^{237}\text{Np}$ , $^{240}\text{Pu}$ and $^{243}\text{Am}$ for the Transmutation of Nuclear Waste. AIP Conference Proceedings, 2006, , .	0.4	3
112	Publisher's Note: Measurement of resolved resonances of $^{232}\text{Th}$ . $\frac{\sigma_{\text{nc}}}{\sigma_{\text{f}}} \approx \frac{\sigma_{\text{nc}}}{\sigma_{\text{f}}} \frac{\Gamma_{\text{nc}}}{\Gamma_{\text{f}}} \approx \frac{\sigma_{\text{nc}}}{\sigma_{\text{f}}} \frac{\Gamma_{\text{nc}}}{\Gamma_{\text{f}}} \frac{\Gamma_{\text{nc}}}{\Gamma_{\text{f}}}$	2.9	3
113	Measurement of $^{232}\text{Th}(n,5n)^{227}\text{Ac}$ cross sections from 29 MeV to 42 MeV. European Physical Journal A, 2014, 50, 1.	2.5	3
114	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
115	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3
116	The $^{33}\text{S}(n,\hat{n})^{30}\text{Si}$ 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
117	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
118	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
119	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.3	3
120	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
121	Measurement of the $^{76}\text{Ge}(n,\hat{n})^{75}\text{Ge}$ cross section at the n_TOF facility at CERN. Physical Review C, 2021, 104, .	2.9	3
122	Measurements of the $^{90,91,92,94,96}\text{Zr}(n,\hat{n})$ cross-sections at n_TOF. Nuclear Physics A, 2005, 758, 573-576.	1.5	2
123	The n_TOF Facility at CERN: Performances and First Physics Results. AIP Conference Proceedings, 2005, , .	0.4	2
124	High-Resolution Study of $^{237}\text{Np}$ Fission Cross Section from 5 eV to 1 MeV. AIP Conference Proceedings, 2005, , .	0.4	2
125	Neutron cross section measurements at n-TOF for ADS related studies. Journal of Physics: Conference Series, 2006, 41, 352-360.	0.4	2
126	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



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127	Assessing the uncertainties of $\delta^{13}\text{C}$ - and $\delta^{15}\text{N}$ -values determined by EA-IRMS for palaeodietary studies. <i>Quaternary International</i> , 2011, 245, 307-314.	1.5	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 $\leq E < 20$ MeV at n_TOF at CERN. <i>Physica Scripta</i> , 2012, T150, 014005.	2.5	2
129	Present status and future programs of the n_TOF experiment. <i>EPJ Web of Conferences</i> , 2012, 21, 03001.	0.3	2
130	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). <i>EPJ Web of Conferences</i> , 2014, 66, 10001.	0.3	2
131	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. <i>Nuclear Data Sheets</i> , 2014, 120, 201-204.	2.2	2
132	Towards the high-accuracy determination of the $^{238}\text{U}$ fission cross section at the threshold region at CERN n_TOF. <i>EPJ Web of Conferences</i> , 2016, 111, 02002.	0.3	2
133	Experiments with neutron beams for the astrophysical s-process. <i>Journal of Physics: Conference Series</i> , 2016, 665, 012020.	0.4	2
134	The measurement programme at the neutron time-of-flight facility n_TOF at CERN. <i>EPJ Web of Conferences</i> , 2017, 146, 11002.	0.3	2
135	Preparation and characterization of $^{235}\text{U}$ samples for $^{235}\text{U}(n, \gamma)^{236}\text{U}$ at the n_TOF facility at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 890, 142-147.	1.6	2
136	Study of the photon strength functions and level density in the gamma decay of the n + $^{234}\text{U}$ reaction. <i>EPJ Web of Conferences</i> , 2019, 211, 02002.	0.3	2
137	Neutron capture measurement at the n_TOF facility of the $^{204}\text{Tl}$ and $^{205}\text{Tl}$ s-process branching points. <i>Journal of Physics: Conference Series</i> , 2020, 1668, 012005.	0.4	2
138	A compact fission detector for fission-tagging neutron capture experiments with radioactive fissile isotopes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 969, 163981.	1.6	2
139	Preliminary results on the $^{233}\text{U}$ $\beta$ -ratio measurement at n_TOF. <i>EPJ Web of Conferences</i> , 2020, 239, 01043.	0.3	2
140	Neutron Capture Measurements on Minor Actinides at the n_TOF Facility at CERN: Past, Present and Future. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1809-1812.	0.7	2
141	Measurement of (n,xng) Reactions of Interest for the New Nuclear Reactors. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1880-1883.	0.7	2
142	$^{237}\text{Np}(n,f)$ Cross Section: New Data and Present Status. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1908-1911.	0.7	2
143	Study of photon strength functions of $^{241}\text{Pu}$ and $^{245}\text{Cm}$ from neutron capture measurements. <i>EPJ Web of Conferences</i> , 2020, 239, 01015.	0.3	2
144	Neutron capture cross section measurements of $^{241}\text{Am}$ at the n_TOF facility. <i>EPJ Web of Conferences</i> , 2020, 239, 01009.	0.3	2

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145	Neutron capture cross sections for the Re/Os Clock. AIP Conference Proceedings, 2005, , .	0.4	1
146	Neutron Capture Cross Sections for the Re/Os Clock. AIP Conference Proceedings, 2005, , .	0.4	1
147	Light ion induced nuclear reactions close to the Coulomb barrier. Journal of Physics: Conference Series, 2011, 312, 082021.	0.4	1
148	The [ <sup>237</sup> Np(n,f) cross section at the CERN n-TOF facility. , 2011, , .		1
149	The Neutron Time-Of-Flight Facility n <sub>±</sub> TOF At CERN: Phase II. , 2011, , .		1
150	Angular distribution in the neutron-induced fission of actinides. EPJ Web of Conferences, 2013, 62, 08003.	0.3	1
151	The nucleosynthesis of heavy elements in Stars: the key isotope <sup>25</sup> Mg. EPJ Web of Conferences, 2014, 66, 07016.	0.3	1
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