Emilio Mendoza Cembranos

List of Publications by Year
in descending order

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176 papers	4,716 citations	201674 27 h-index	102487 66 g-index
193 all docs	193 docs citations	193 times ranked	8550 citing authors

#	Article	IF	Citations
1	Recent developments in Geant4. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 835, 186-225.	1.6	2,327
2	Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1.	2.5	205
3	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Be</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mrow><mml:mi>n</mml:mi></mml:mrow><mml:mo>,</mml:mo><mml:mrow><mml:mi>Î±</mml:mi>	7.8	94
4	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
5	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
6	CIELO Collaboration Summary Results: International Evaluations of Neutron Reactions on Uranium, Plutonium, Iron, Oxygen and Hydrogen. Nuclear Data Sheets, 2018, 148, 189-213.	2.2	73
7	High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	71
8	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Au</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>197</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	68
9	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Rb</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>92</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>Decay:	7.8	68
10	New Standard Evaluated Neutron Cross Section Libraries for the GEANT4 Code and First Verification. IEEE Transactions on Nuclear Science, 2014, 61, 2357-2364.	2.0	66
11	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Be</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>p</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT	7.8	58
12	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Au</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>197</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	55
13	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	2.9	55
14	Neutron Capture Cross Section of Unstable<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>63</mml:mn></mml:mmultiscripts></mml:math>: Implications for Stellar Nucleosynthesis. Physical Review Letters, 2013, 110, 022501.	7.8	44
15	High-accuracy determination of the neutron flux in the new experimental area n_TOF-EAR2 at CERN. European Physical Journal A, 2017, 53, 1.	2.5	41
16	Enhanced<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Emission from Neutron Unbound States Populated in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>Decay. Physical Review Letters, 2015, 115, 062502.	7.8	37
17	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mi mathvariant="normal">nat</mml:mi></mml:mrow></mml:msup></mml:mrow></mml:math>Pb and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	2.9	36
18	Total absorption <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray spectroscopy of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -delayed neutron emitters <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Br</mml:mi><mml:mprescripts	2.9	35

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19	IAEA CIELO Evaluation of Neutron-induced Reactions on 235 U and 238 U Targets. Nuclear Data Sheets, 2018, 148, 254-292.	2.2	33
20	Neutron spectroscopy of 26Mg states: Constraining the stellar neutron source 22Ne(Î±,n)25Mg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6.	4.1	32
21	Measurement of the neutron background at the Canfranc Underground Laboratory LSC. Astroparticle Physics, 2013, 42, 1-6.	4.3	31
22	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>62</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 317 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none. Physical Review C, 2014, 89, .	2.9	31
23	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, 761, 57-67.	1.6	31
24	Total absorption spectroscopy study of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Br</mml:mi><mml:mprescripts /><mml:none /><mml:mn>86</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="norm	2.9	29
25	Experimental neutron capture data of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>58</mml:mn></mml:msup></mml:math>Ni from the CERN n_TOF facility. Physical Review C, 2014, 89, .	2.9	28
26	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
27	A decay total absorption spectrometer for DESPEC at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 803, 36-46.	1.6	28
28	Development of a Reference Database for Beta-Delayed Neutron Emission. Nuclear Data Sheets, 2021, 173, 144-238.	2.2	27
29	Measurement and resonance analysis of the237Np neutron capture cross section. Physical Review C, 2012, 85, .	2.9	26
30	A new CVD diamond mosaic-detector for (n, <mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 317 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>243</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 90, . at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 190-194.	1.6	26
31	Measurement and analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>243</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 90, .	2.9	26
32	Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1.	2.6	26
33	Measurement and analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>241</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 127 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>241</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(n,f) cross section at the n_TOF facility at CERN. Physical Review C, 2014, 90, .	2.9	25
34	High-accuracy determination of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>238</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>/</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>fission Cross section measurements of 155,157Gd(n,$gamma$Î³) induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.	2.9	24
35	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.	2.5	23
36		1.6	21

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37	Experimental setup and procedure for the measurement of the 7Be(n,Î±)Î± 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
38	Radiative neutron capture on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>242</mml:mn></mml:mmultiscripts></mml:math> in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, .	2.9	21
39	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Tm</mml:mi></mml:mrow><mml:mprescripts /><mml:none	2.6	21
40	The sensitivity of LaBr3:Ce scintillation detectors to low energy neutrons: Measurement and Monte Carlo simulation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 774, 17-24.	1.6	20
41	Measurement of the 235U(n, f) cross section relative to the 6Li(n, t) and 10B(n,$ alpha$) standards from thermal to 170 keV neutron energy range at n_TOF. European Physical Journal A, 2019, 55, 1.	2.5	20
42	Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.	2.5	19
43	Neutron production induced by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e3303" altimg="si181.svg"><mml:mi>Î±</mml:mi></mml:math>-decay with Geant4. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 960, 163659.	1.6	16
44	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
45	The fission experimental programme at the CERN n_TOF facility: status and perspectives. European Physical Journal A, 2020, 56, 1.	2.5	15
46	Measurement of the236U(n,f) cross section from 170 meV to 2 MeV at the CERNn_TOFfacility. Physical Review C, 2011, 84, .	2.9	14
47	Measurement of the12C(n,p)12Bcross section at n_TOF at CERN by in-beam activation analysis. Physical Review C, 2014, 90, .	2.9	14
48	The (n, Î±) Reaction in the s-process Branching Point 59Ni. Nuclear Data Sheets, 2014, 120, 208-210.	2.2	14
49	Fission Fragment Angular Distribution measurements of235U and238U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.	0.3	14
50	Experimental setup and procedure for the measurement of theÂ7Be(n,p)7Li 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
51	The DESPEC setup for GSI and FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1033, 166662.	1.6	14
52	Neutron-induced fission cross section of245Cm: New results from data taken at the time-of-flight facility n_TOF. Physical Review C, 2012, 85, .	2.9	13
53	Characterization of a CLYC detector for underground experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 906, 150-158.	1.6	13
54	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>Î³</mml:mi> cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, .	2.9	13

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55	Pulse pile-up and dead time corrections for digitized signals from a BaF 2 calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 768, 55-61.	1.6	12
56	New physics model in GEANT4 for the simulation of neutron interactions with organic scintillation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 868, 73-81.	1.6	12
57	Neutron capture cross section measurement ofU238at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. Physical Review C, 2017, 95, .	2.9	12
58	Measurement of the 154Gd(n,Î³) cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405.	4.1	12
59	Measurement of 73Ge(n,Î³) 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
60	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
61	MONSTER: a time of flight spectrometer for Î²-delayed neutron emission measurements. Journal of Instrumentation, 2012, 7, C05012-C05012.	1.2	10
62	MONSTER: a TOF Spectrometer for Î²-delayed Neutron Spectroscopy. Nuclear Data Sheets, 2014, 120, 78-80.	2.2	10
63	Destruction of the cosmic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray emitter <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Al</mml:mi><mml:mprescripts /><mml:none /><mml:mn>26</mml:mn></mml:mmultiscripts></mml:math> in massive stars: Study of the key <mml:math	2.9	10
64	Total Absorption Study of Beta Decays Relevant for Nuclear Applications and Nuclear Structure. Nuclear Data Sheets, 2014, 120, 12-15.	2.2	9
65	Integral measurement of the 12C(n, p)12B reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1.	2.5	9
66	First determination of Î² -delayed multiple neutron emission beyond A=100 through direct neutron measurement: The P2n value of Sb136. Physical Review C, 2018, 98, .	2.9	9
67	Measurement and analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Am</mml:mi><mml:mprescripts /><mml:none /><mml:mn>241</mml:mn></mml:mmultiscripts></mml:math>neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, .	2.9	9
68	Study of Photon Strength Function of Actinides: the Case of 235U, 238Np and 241Pu. Journal of the Korean Physical Society, 2011, 59, 1510-1513.	0.7	9
69	Correction of dead-time and pile-up in a detector array for constant and rapidly varying counting rates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 777, 63-69.	1.6	8
70	Measurement of the U238(n,Î³) 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
71	Measurement and resonance analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">S</mml:mi><mml:mprescripts /><mml:none /><mml:mn>33</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml:mi /><mml:none /><mml:mn>30</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> cross section at the CERN n_TOF facility in the epre. Physical Review C, 2018, 97,	2.9	8
72	Measurement of the neutron capture cross section of the fissile isotope 235U 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

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73	Investigation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>240</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>f</mml:mi> reaction at the n_TOF/EAR2 facility in the 9 meV–6 MeV range. Physical Review C, 2020, 102, .	2.9	7
74	Monte Carlo Simulations for the Study of a Moderated Neutron Detector. Journal of the Korean Physical Society, 2011, 59, 1573-1576.	0.7	7
75	Measurement of the240Pu(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
76	Destruction of the cosmic Î³ -ray emitter Al26 in massive stars: Study of the key Al26(n,Î±) reaction. Physical Review C, 2021, 104, .	2.9	6
77	NuDEX: A new nuclear Î³-ray cascades generator. EPJ Web of Conferences, 2020, 239, 17006.	0.3	5
78	Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024.	0.3	5
79	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>72</mml:mn></mml:msup><mml:mi>Ge</mml:mi><mml:mn>(</mml:mn><mml:mrow><mml:mi>n</mml:mi><mml:mo> cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, .	2.9	5
80	New measurement of the242Pu(n,Î³) cross section at n_TOF. EPJ Web of Conferences, 2016, 111, 02005.	0.3	4
81	First Results of the 140Ce(n,Î³)141Ce Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	2.5	4
82	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.7	4
83	Measurement of the²⁴⁴Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.	0.3	4
84	Setup for the measurement of the 235U(n, f) cross section relative to n-p scattering up to 1 GeV. EPJ Web of Conferences, 2020, 239, 01008.	0.3	4
85	Nuclear data libraries for IFMIF-DONES neutronic calculations. Nuclear Fusion, 2022, 62, 106026.	3.5	4
86	The nÌ±TOF Total Absorption Calorimeter response to Î³-ray cascades following neutron capture in minor actinides. , 2009, , .		3
87	Anew physics model for the charged particle transport with Geant4. , 2011, , .		3
88	Gamma/neutron competition above the neutron separation energy in delayed neutron emitters. EPJ Web of Conferences, 2014, 66, 02002.	0.3	3
89	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
90	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3

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91	The³³S(n,Î±)³⁰Si 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
92	New accurate measurements of neutron emission probabilities for relevant fission products. EPJ Web of Conferences, 2017, 146, 01004.	0.3	3
93	Measurement of the 244Cm and 246Cm neutron-induced capture cross sections at the n_TOF facility. EPJ Web of Conferences, 2019, 211, 03008.	0.3	3
94	Preliminary results on the 233U 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
95	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.3	3
96	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
97	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>76</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi> cross section at the n_TOF facility at CERN. Physical Review C, 2021, 104, .	2.9	3
98	Present status and future programs of the n_TOF experiment. EPJ Web of Conferences, 2012, 21, 03001.	0.3	2
99	Neutron capture and fission reactions on235U: cross sections,Î±-ratios and promptÎ³-ray emission from fission. EPJ Web of Conferences, 2013, 42, 01002.	0.3	2
100	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.3	2
101	Results of fission productsÎ²decay properties measurement performed with a total absorption spectrometer. EPJ Web of Conferences, 2014, 66, 10019.	0.3	2
102	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204.	2.2	2
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