Cristian Massimi

List of Publications by Year
in descending order

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218	3,022	159585	223800
papers	citations	30 h-index	46 g-index

239	239	239	1306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	n_TOF: Measurements of Key Reactions of Interest to AGB Stars. Universe, 2022, 8, 100.	2.5	7
2	First ⁸⁰Se(n,<i>Î³</i>) cross section measurement with high resolution in the full stellar energy range 1 eV - 100 keV and its astrophysical implications for the <i>s</i>-process. EPJ Web of Conferences, 2022, 260, 11026.	0.3	0
3	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>92</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml and (<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 647 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:m measureme	2.9	2
4	Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, .	2.9	1
5	NEAR: A New Station to Study Neutron-Induced Reactions of Astrophysical Interest at CERN-n_TOF. Universe, 2022, 8, 255.	2.5	8
6	Charge identification of fragments with the emulsion spectrometer of the FOOT experiment. Open Physics, 2021, 19, 383-394.	1.7	6
7	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
8	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
9	First Results of the 140Ce(n,Î³)141Ce Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	2.5	4
10	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
11	Enhancing the understanding of fragmentation processes in hadrontherapy and radioprotection in space with the FOOT experiment. Physica Scripta, 2021, 96, 114013.	2.5	1
12	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 xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Al</	2.9	10
13	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
14	Reevaluation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>22</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>Î±</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml /><mml:none /><mml:mn>26</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mm. Physical R	2.9	34
15	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 cross section at the n_TOF facility at CERN. Physical Review C, 2021, 104, .	2.9	3
16	RIPTIDE: a novel recoil-proton track imaging detector for fast neutrons. Journal of Instrumentation, 2021, 16, C12013.	1.2	5
17	Neutron Capture on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:math> -Process Branching Point <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	7.8	21
18	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> ratio and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo> cross section of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="norm	2.9	1

#	Article	IF	Citations
19	HPRL â€“ International cooperation to identify and monitor priority nuclear data needs for nuclear applications. EPJ Web of Conferences, 2020, 239, 15005.	0.3	15
20	Measurement and analysis of 155,157Gd(n,Î³) from thermal energy to 1 keV. EPJ Web of Conferences, 2020, 239, 01041.	0.3	0
21	Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024.	0.3	5
22	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 reaction at the n_TOF/EAR2 facility in the 9 meVâ€“6 MeV range. Physical Review C, 2020, 102, .	2.9	7
23	Neutron capture measurement at the n TOF facility of the 204Tl and 205Tl s-process branching points. Journal of Physics: Conference Series, 2020, 1668, 012005.	0.4	2
24	New reaction rates for the destruction of7Be during big bang nucleosynthesis measured at CERN/n_TOF and their implications on the cosmological lithium problem. EPJ Web of Conferences, 2020, 239, 07001.	0.3	0
25	80Se(n,Î³) cross-section measurement at CERN n TOF. Journal of Physics: Conference Series, 2020, 1668, 012001.	0.4	1
26	Review and new concepts for neutron-capture measurements of astrophysical interest. Journal of Physics: Conference Series, 2020, 1668, 012013.	0.4	1
27	Measurement of the 235 U(n,f) cross section at n_TOF from thermal to 170 keV. International Journal of Modern Physics Conference Series, 2020, 50, 2060011.	0.7	0
28	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
29	The fission experimental programme at the CERN n_TOF facility: status and perspectives. European Physical Journal A, 2020, 56, 1.	2.5	15
30	Measurement of 12C 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
31	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
32	Preliminary results on the 233U Î±-ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043.	0.3	2
33	Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.	0.3	3
34	First results of the 230Th(n,f) cross section measurements at the CERN n_TOF facility. EPJ Web of Conferences, 2020, 239, 05004.	0.3	0
35	Accurate measurement of the standard 235U(n,f) cross section from thermal to 170 keV neutron energy. EPJ Web of Conferences, 2020, 239, 08002.	0.3	0
36	Measurement of the 242Pu(n, Î³) cross section from thermal to 500 keV at the Budapest research reactor and CERN n_TOF-EAR1 facilities. EPJ Web of Conferences, 2020, 239, 01019.	0.3	0

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37	Resonance evaluation of Gadolinium isotopes. EPJ Web of Conferences, 2020, 239, 11004.	0.3	0
38	Study of the neutron-induced fission cross section of 237Np at CERN's n_TOF facility over a wide energy range. EPJ Web of Conferences, 2020, 239, 05006.	0.3	0
39	The 154Gd neutron capture cross section measured at the n_TOF facility and its astrophysical implications. EPJ Web of Conferences, 2020, 239, 07003.	0.3	0
40	Study of photon strength functions of241Pu and245Cm from neutron capture measurements. EPJ Web of Conferences, 2020, 239, 01015.	0.3	2
41	Measurement of the energy-differential cross-section of the 12C(n,p)12B and 12C(n,d)11B reactions at the n_TOF facility at CERN. EPJ Web of Conferences, 2020, 239, 01045.	0.3	0
42	First results of the 241Am(n,f) cross section measurement at the Experimental Area 2 of the n_TOF facility at CERN. EPJ Web of Conferences, 2020, 239, 05014.	0.3	0
43	Measurement of the²⁴⁴Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.	0.3	4
44	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
45	Neutron capture cross section measurements of ²⁴¹Am at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009.	0.3	2
46	Fission program at n_TOF. EPJ Web of Conferences, 2019, 211, 03006.	0.3	1
47	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
48	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
49	Measurement of the 235U(n, f) cross section relative to the 6Li(n, t) and 10B(n,$ alpha$) standards from thermal to 170 keV neutron energy range at n_TOF. European Physical Journal A, 2019, 55, 1.	2.5	20
50	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>70</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi> cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, .	2.9	13
51	Study of the photon strength functions and level density in the gamma decay of the n + 234U reaction. EPJ Web of Conferences, 2019, 211, 02002.	0.3	2
52	Preliminary results on the 233U capture cross section and alpha ratio measured at n_TOF (CERN) with the fission tagging technique. EPJ Web of Conferences, 2019, 211, 03007.	0.3	3
53	Cross section measurements of 155,157Gd(n,$gamma$Î³) induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.	2.5	23
54	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

#	Article	IF	Citations
55	Measurement of the ^{244} 244 Cm and ^{246} 246 Cm Neutron-Induced Cross Sections at the n_TOF Facility. Springer Proceedings in Physics, 2019, , 117-122.	0.2	0
56	Data for the s Process from n_TOF. Springer Proceedings in Physics, 2019, , 63-70.	0.2	1
57	Characterization and First Test of an i-TED Prototype at CERN n_TOF. Springer Proceedings in Physics, 2019, , 169-173.	0.2	0
58	^{7} Be(n,p) ^{7} Li Cross Section Measurement for the Cosmological Lithium Problem at the n $$_$$ TOF Facility at CERN. Springer Proceedings in Physics, 2019, , 25-32.	0.2	0
59	Preparation and characterization ofA33S samples forA33S(n,<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 597 Td (xmln facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators,	1.6	2
60	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
61	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
62	Measurement of the radiative capture cross section of the s-process branching points 204Tl and 171Tm at the n_TOF facility (CERN). EPJ Web of Conferences, 2018, 178, 03004.	0.3	1
63	First Measurement of 72Ge(n, Î³) at n_TOF. EPJ Web of Conferences, 2018, 184, 02005.	0.3	0
64	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
65	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
66	The Importance of the ¹³C(Î±,n)¹⁶O Reaction in Asymptotic Giant Branch Stars. Astrophysical Journal, 2018, 859, 105.	4.5	50
67	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 ener. Physical Review C, 2018, 97, .	2.9	8
68	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
69	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
70	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
71	Monte carlo simulations of the n_TOF lead spallation target with the Geant4 toolkit: A benchmark study. EPJ Web of Conferences, 2017, 146, 03030.	0.3	0
72	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

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73	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
74	On the role of secondary pions in spallation targets. European Physical Journal A, 2017, 53, 1.	2.5	13
75	PANDORA, a new facility for interdisciplinary in-plasma physics. European Physical Journal A, 2017, 53, 1.	2.5	27
76	Monte Carlo calculations of nucleon-induced fission in the GeV energy range. EPJ Web of Conferences, 2017, 146, 04049.	0.3	0
77	The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014.	0.3	1
78	7Be(n,Î±) and 7Be(n,p) 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
79	The 236U neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054.	0.3	1
80	Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020.	0.3	1
81	High accuracy 234U(n,f) cross section in the resonance energy region. EPJ Web of Conferences, 2017, 146, 04057.	0.3	1
82	The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002.	0.3	2
83	New measurement of the 242Pu(n,Î³) cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. EPJ Web of Conferences, 2017, 146, 11045.	0.3	1
84	The n_TOF facility: Neutron beams for challenging future measurements at CERN. EPJ Web of Conferences, 2017, 146, 03001.	0.3	1
85	Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.	0.3	3
86	High precision measurement of the radiative capture cross section of238U at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11028.	0.3	0
87	Time-of-flight and activation experiments on147Pm and171Tm for astrophysics. EPJ Web of Conferences, 2017, 146, 01007.	0.3	0
88	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
89	On the role of secondary pions in spallation targets. EPJ Web of Conferences, 2017, 146, 12018.	0.3	0
90	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

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91	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
92	Measurement of the 241Am neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022.	0.3	1
93	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
94	Recent Results In Nuclear Astrophysics At The n-TOF Facility At CERN. , 2017, , .		0
95	The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.	0.3	3
96	Towards the high-accuracy determination of the238U fission cross section at the threshold region at CERN â€“ n_TOF. EPJ Web of Conferences, 2016, 111, 02002.	0.3	2
97	High accuracy235U(n,f) data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.3	7
98	Experiments with neutron beams for the astrophysicalsprocess. Journal of Physics: Conference Series, 2016, 665, 012020.	0.4	2
99	Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1.	2.6	26
100	<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></mml:m	7.8	94
101	Neutron-induced fission cross section of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Np</mml:mi><mml:mprescripts /><mml:none /><mml:mn>237</mml:mn></mml:mmultiscripts></mml:math>in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, .	2.9	11
102	Fission Fragment Angular Distribution measurements of235U and238U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.	0.3	14
103	Geant4 simulation of the n_TOF-EAR2 neutron beam: Characteristics and prospects. European Physical Journal A, 2016, 52, 1.	2.5	15
104	Integral measurement of the 12C(n, p)12B reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1.	2.5	9
105	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
106	Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214.		1
107	Experimental neutron capture data of 58Ni from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009.	0.3	0
108	GEANT4 simulations of the n_TOF spallation source and their benchmarking. European Physical Journal A, 2015, 51, 1.	2.5	24

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109	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	2.9	24
110	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
111	Fission induced by nucleons at intermediate energies. Nuclear Physics A, 2015, 933, 43-67.	1.5	18
112	Measurement of the²⁴²Pu(n,f) cross section at n_TOF. EPJ Web of Conferences, 2014, 66, 03088.	0.3	2
113	The nucleosynthesis of heavy elements in Stars: the key isotope25Mg. EPJ Web of Conferences, 2014, 66, 07016.	0.3	1
114	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.3	2
115	Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003.	0.3	0
116	238U(n,Î³) reaction cross section measurement with C6D6detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061.	0.3	1
117	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
118	<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 and<mml:math 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
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160	Neutron capture on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>94</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: Resonance parameters and Maxwellian-averaged cross sections. Physical Review C, 2011, 84, .	2.9	24
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182	<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
183	The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>92</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /Over	2.9	33
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