

Alberto Mengoni

List of Publications by Year in descending order

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228
papers

5,101
citations

101543

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246
all docs

246
docs citations

246
times ranked

1898
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Approach to \hat{I}^2 -Decay: PANDORA, a New Experimental Setup for Future In-Plasma Measurements. Universe, 2022, 8, 80.	2.5	19
2	NEAR: A New Station to Study Neutron-Induced Reactions of Astrophysical Interest at CERN-n_TOF. Universe, 2022, 8, 255.	2.5	8
3	Theoretical Estimate of the Half-life for the Radioactive ^{134}Cs and ^{135}Cs in Astrophysical Scenarios. Astrophysical Journal, 2022, 933, 158.	4.5	10
4	First Results of the $^{140}\text{Ce}(n,\hat{I}^3)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.	2.5	4
5	Nuclear data target accuracy requirements for advanced reactors: The ALFRED case. Annals of Nuclear Energy, 2021, 162, 108533.	1.8	12
6	Presolar Grain Isotopic Ratios as Constraints to Nuclear and Stellar Parameters of Asymptotic Giant Branch Star Nucleosynthesis. Astrophysical Journal, 2021, 921, 7.	4.5	23
7	Cross section measurements of $^{155,157}\text{Gd}(n,\gamma\hat{I}^3)$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.	2.5	23
8	On the use of stacks of fission-like targets for neutron capture experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 925, 87-91.	1.6	3
9	Measurement of $^{73}\text{Ge}(n,\hat{I}^3)$ 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
10	An alternative methodology for high counting-loss corrections in neutron time-of-flight measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 913, 40-47.	1.6	4
11	Preparation and characterization of ^{235}U samples for $^{235}\text{U}(n,\hat{I}^3)^{236}\text{U}$ cross section measurements at 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.	1.6	2
12	Radiative neutron capture on ^{242}Pu in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, .	2.9	21
13	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n,p)^{6}\text{Li}$ 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
14	Neutron-induced cross sections. European Physical Journal Plus, 2018, 133, 1.	2.6	41
15	Measurement and analysis of the $^{241}\text{Am}(n,\hat{I}^3)^{242}\text{Am}$ neutron capture cross section. Physical Review C, 2018, 97, .	2.9	9
16	Measurement and resonance analysis of the $^{7}\text{Be}(n,p)^{6}\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33.	7.8	58
17	Measurement and resonance analysis of the $^{30}\text{Si}(n,\hat{I}^3)^{31}\text{Si}$ cross section at the CERN n_TOF facility in the ener. Physical Review C, 2018, 97, .	2.9	8
18	Neutron spectroscopy of ^{26}Mg states: Constraining the stellar neutron source $^{22}\text{Ne}(\hat{I}^{\pm},n)^{25}\text{Mg}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6.	4.1	32

#	ARTICLE	IF	CITATIONS
19	Neutron capture cross section measurement of ^{238}U at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. <i>Physical Review C</i> , 2017, 95, .	2.9	12
20	Measurement of the $^{238}\text{U}(n,\hat{\gamma}^3)$ cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. <i>Physical Review C</i> , 2017, 96, .	2.9	8
21	$^7\text{Be}(n,\hat{\gamma}^\pm)$ and $^7\text{Be}(n,p)$ cross-section measurement for the cosmological lithium problem at the n_TOF facility at CERN. <i>EPJ Web of Conferences</i> , 2017, 146, 01012.	0.3	1
22	The ^{236}U neutron capture cross-section measured at the n_TOF CERN facility. <i>EPJ Web of Conferences</i> , 2017, 146, 11054.	0.3	1
23	High accuracy $^{234}\text{U}(n,f)$ cross section in the resonance energy region. <i>EPJ Web of Conferences</i> , 2017, 146, 04057.	0.3	1
24	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
25	New measurement of the $^{242}\text{Pu}(n,\hat{\gamma}^3)$ cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. <i>EPJ Web of Conferences</i> , 2017, 146, 11045.	0.3	1
26	Dissemination of data measured at the CERN n_TOF facility. <i>EPJ Web of Conferences</i> , 2017, 146, 07002.	0.3	3
27	High precision measurement of the radiative capture cross section of ^{238}U at the n_TOF CERN facility. <i>EPJ Web of Conferences</i> , 2017, 146, 11028.	0.3	0
28	Time-of-flight and activation experiments on ^{147}Pm and ^{171}Tm for astrophysics. <i>EPJ Web of Conferences</i> , 2017, 146, 01007.	0.3	0
29	The $^{33}\text{S}(n,\hat{\gamma}^\pm)^{30}\text{Si}$ cross section measurement at n_TOF-EAR2 (CERN): From 0.01 eV to the resonance region. <i>EPJ Web of Conferences</i> , 2017, 146, 08004.	0.3	3
30	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. <i>EPJ Web of Conferences</i> , 2017, 146, 11021.	0.3	7
31	Measurement of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. <i>EPJ Web of Conferences</i> , 2017, 146, 11022.	0.3	1
32	The CERN n_TOF facility: a unique tool for nuclear data measurement. <i>EPJ Web of Conferences</i> , 2016, 122, 05001.	0.3	3
33	Experiments with neutron beams for the astrophysical <i>s</i> -process. <i>Journal of Physics: Conference Series</i> , 2016, 665, 012020.	0.4	2
34	Nuclear data activities at the n_TOF facility at CERN. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	26
35	RE-EVALUATION OF THE $^{16}\text{O}(n,\hat{\gamma}^3)^{17}\text{O}$ CROSS SECTION AT ASTROPHYSICAL ENERGIES AND ITS ROLE AS A NEUTRON POISON IN THE <i>s</i> -PROCESS. <i>Astrophysical Journal</i> , 2016, 827, 29	4.5	18
36	$^7\text{Be}(n,\hat{\gamma}^\pm)$ and $^7\text{Be}(n,p)$ cross-section measurement for the cosmological lithium problem at the n_TOF facility at CERN. <i>EPJ Web of Conferences</i> , 2017, 146, 01012.	7.8	94

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37	Stellar neutron capture cross sections of ^{41}K . Physical Review C, 2016, 93, 015801.	2.9	2
38	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, 015802.	2.9	11
39	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
40	Fission Fragment Angular Distribution measurements of ^{235}U and ^{238}U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.	0.3	14
41	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
42	Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n,\hat{1}\pm)\hat{1}\pm$ 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
43	Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009.	0.3	0
44	GEANT4 simulations of the n_TOF spallation source and their benchmarking. European Physical Journal A, 2015, 51, 1.	2.5	24
45	High-precision determination of the ^{238}U fission cross section. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 90-98.	2.9	24
46	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
47	The Fission Programme at the CERN n_TOF Facility. Physics Procedia, 2015, 64, 130-139.	1.2	6
48	The nucleosynthesis of heavy elements in Stars: the key isotope ^{25}Mg . EPJ Web of Conferences, 2014, 66, 07016.	0.3	1
49	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.3	2
50	Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003.	0.3	0
51	$^{238}\text{U}(n,\hat{1}^3)$ reaction cross section measurement with C6D6 detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061.	0.3	1
52	Stellar neutron capture cross sections of ^{20}Ne and ^{21}Ne . Physical Review C, 2014, 90, 015801.	2.9	17
53	Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. Physical Review C, 2014, 89, 015801.	2.9	28
54	Integral measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1.	2.9	31

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55	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
56	Measurement and analysis of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 90.	2.9	26
57	Novel Method to Study Neutron Capture of ^{235}U at the n_TOF facility at CERN. Physical Review C, 2014, 90.	7.8	35
58	Neutron-induced fission cross section of ^{234}U measured at the CERN n_TOF facility. Physical Review C, 2014, 89, .	2.9	14
59	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
60	Measurement and analysis of the ^{243}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 90, .	2.9	26
61	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204.	2.2	2
62	The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point ^{59}Ni . Nuclear Data Sheets, 2014, 120, 208-210.	2.2	14
63	The Karlsruhe Astrophysical Database of Nucleosynthesis in Stars Project "â€" Status and Prospects. Nuclear Data Sheets, 2014, 120, 171-174.	2.2	41
64	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
65	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.	1.6	31
66	Neutron capture studies of ^{206}Pb at a cold neutron beam. European Physical Journal A, 2013, 49, 1.	2.5	6
67	High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	71
68	Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1.	2.5	205
69	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.	2.5	9
70	A new CVD diamond mosaic-detector for $(n, \hat{1}\pm)$ reactions at the n_TOF facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Detectors and Associated Equipment, 2013, 732, 190-194.	1.6	26
71	Neutron Capture Cross Section for ^{63}Ni : Implications for Stellar Nucleosynthesis. Physical Review Letters, 2013, 110, 022501.	7.8	44
72	Neutron research at the N_TOF facility (CERN): Results and perspectives. , 2013, , .		0

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73	<p>Definition of a standard neutron field with the</p> <p>Measurement of resolved resonances of $^{232}\text{Th}(n, \hat{f}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .</p> <p>Publisher's Note: Measurement of resolved resonances of</p>	2.9	39
74	<p>Measurement of resolved resonances of $^{232}\text{Th}(n, \hat{f}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .</p>	2.9	32
75	<p>Measurement of resolved resonances of $^{232}\text{Th}(n, \hat{f}^3)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, .</p>	2.9	23
76	<p>Measurement and resonance analysis of the ^{237}Np neutron capture cross section. Physical Review C, 2012, 85, .</p>	2.9	3
77	<p>Measurement and resonance analysis of the ^{237}Np neutron capture cross section. Physical Review C, 2012, 85, .</p>	2.9	26
78	<p>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, .</p>	2.9	13
79	<p>Nuclear Data from AMS & Nuclear Data for AMS – some examples. EPJ Web of Conferences, 2012, 35, 01003.</p>	0.3	3
80	<p>Neutron-induced fission cross section measurement of ^{233}U, ^{241}Am and ^{243}Am in the energy range 0.5 MeV $\leq E < 20$ MeV at n_TOF at CERN. Physica Scripta, 2012, T150, 014005.</p>	2.5	2
81	<p>$^{197}\text{Au}(n, \hat{f}^3)$ - towards a new standard for energies relevant to stellar nucleosynthesis. Journal of Physics: Conference Series, 2012, 337, 012045.</p>	0.4	1
82	<p>AMS Applications in Nuclear Astrophysics: New Results for $^{13}\text{C}(n, \hat{f}^3)$, ^{14}C and $^{14}\text{N}(n, p)$ ^{14}C. Publications of the Astronomical Society of Australia, 2012, 29, 115-120.</p>	3.4	12
83	<p>Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .</p>	2.9	55
84	<p>Present status and future programs of the n_TOF experiment. EPJ Web of Conferences, 2012, 21, 03001.</p>	0.3	2
85	<p>Simultaneous measurement of neutron-induced capture and fission reactions at CERN. European Physical Journal A, 2012, 48, 1.</p>	2.5	19
86	<p>New Work on Updating and Extending the Nuclear Data Standards. Journal of ASTM International, 2012, 9, 1-14.</p>	0.2	6
87	<p>Astrophysics at n_TOF Facility at CERN. Journal of Physics: Conference Series, 2011, 312, 042024.</p>	0.4	0
88	<p>Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3251-3257.</p>	1.4	10
89	<p>Neutron-induced fission cross-section of ^{233}U in the energy range 0.5 <math>E < 20</math> MeV. European Physical Journal A, 2011, 47, 1.</p>	2.5	15
90	<p>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.</p>	2.5	11

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91	The [²³⁷ Np(n,f) cross section at the CERN n-TOF facility. , 2011, , . <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Zr Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Zr		1
92		2.9	17
93	Neutron capture on<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Zr</math> resonance parameters and Maxwellian-averaged cross sections. Physical Review C, 2011, 84, .	2.9	24
94	Neutron-induced fission cross section of<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Bi</math> and<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Pb</math>	2.9	36
95	Measurement of the ²³⁶ U(n,f) cross section from 170 meV to 2 MeV at the CERNn_TOFfacility. Physical Review C, 2011, 84, .	2.9	14
96	<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Au</math>	2.9	14
97	The Neutron Time-Of-Flight Facility n _± TOF At CERN: Phase II. , 2011, , .		1
98	An Update of the Nuclear Data Standards Activities. Journal of the Korean Physical Society, 2011, 59, 1390-1395.	0.7	4
99	Neutron-capture Studies on ²³⁵ U and ²³⁸ U via AMS. Journal of the Korean Physical Society, 2011, 59, 1410-1413.	0.7	11
100	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.	0.7	9
101	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.7	4
102	Neutron Capture Measuremetns on Minor Actinides at the n_TOF Facility at CERN: Past, Present and Future. Journal of the Korean Physical Society, 2011, 59, 1809-1812.	0.7	2
103	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
104	²³⁷ Np(n,f) Cross Section: New Data and Present Status. Journal of the Korean Physical Society, 2011, 59, 1908-1911.	0.7	2
105	Fission Cross-section Measurements of ²³³ U, ²⁴⁵ Cm and ²⁴¹ ; ²⁴³ Am at CERN n_TOF Facility. Journal of the Korean Physical Society, 2011, 59, 1912-1915.	0.7	3
106	Neutron Studies for Dating the Universe. Journal of the Korean Physical Society, 2011, 59, 2094-2099.	0.7	2
107	Results from the IAEA Benchmark of Spallation Models. Journal of the Korean Physical Society, 2011, 59, 791-796.	0.7	59
108	High-energy Neutron-induced Fission Cross Sections of Natural Lead and Bismuth-209. Journal of the Korean Physical Society, 2011, 59, 1904-1907.	0.7	0

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109	The Role of Fe and Ni for S-Process Nucleosynthesis and Innovative Nuclear Technologies. Journal of the Korean Physical Society, 2011, 59, 2106-2109.	0.7	0
110	Characterization of the New n_TOF Neutron Beam: Fluence, Profile and Resolution. Journal of the Korean Physical Society, 2011, 59, 1624-1627.	0.7	0
111	Measurement of the $^{236}\text{U}(n, f)$ Cross Section at n_TOF. Journal of the Korean Physical Society, 2011, 59, 1793-1796.	0.7	0
112	Forthcoming ($n, \hat{1}^3$) measurements on the Fe and Ni isotopes at CERN n_TOF. Journal of Physics: Conference Series, 2010, 202, 012026.	0.4	0
113	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	1.5	7
114	Precise measurement of the neutron capture reaction $^{54}\text{Fe}(n, \hat{1}^3)^{55}\text{Fe}$ via AMS. Journal of Physics: Conference Series, 2010, 202, 012020.	0.4	2
115	Neutron physics of the Re/Os clock. III. Resonance analyses and stellar cross sections of ^{186}Os and ^{187}Os .	2.9	36
116	Neutron physics of the Re/Os clock. II. The $(n, n\alpha^2)$ cross section of ^{187}Os at 30 keV neutron energy.	2.9	15
117	Neutron physics of the Re/Os clock. I. Measurement of the $^{186}\text{Os}(n, \hat{1}^3)^{187}\text{Os}$ reaction.	2.9	33
118	cross sections of ^{186}Os and ^{187}Os .	2.9	28
119	ASTROPHYSICS AT n_TOF FACILITY. , 2010, , .		0
120	Study of Neutron-Induced Fission Cross Sections of U, Am, and Cm at n_TOF. , 2010, , .		0
121	Neutron-induced fission cross section of ^{234}U and ^{237}Np .	2.9	72
122	Experimental challenges for the Re/Os clock. , 2010, , .		0
123	Neutron capture measurements on the s-process termination isotopes lead and bismuth. , 2010, , .		0
124	n_TOF Experiment: Past, Present And Future. , 2009, , .		0
125	R-matrix analysis of the $^{236}\text{U}(n, \hat{1}^3)$ reaction in the resolved resonance energy region. , 2009, , .		0

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127	Determination of the stellar $(n, \hat{1}^3)$ cross section of Ca40 with accelerator mass spectrometry. Physical Review C, 2009, 79, .	2.9	22
128	The n_TOF Facility at CERN: A New Approach to Quests in Astrophysics and Technology. Nuclear Physics News, 2009, 19, 21-27.	0.4	3
129	Neutron capture cross section of C14 of astrophysical interest studied by Coulomb breakup of C15. Physical Review C, 2009, 79, .	2.9	72
130	High-accuracy U233(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, .	2.9	30
131	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
132	Halo Structure of the Island of Inversion Nucleus ^{31}Ne . Physical Review Letters, 2009, 103, 262501.	7.8	182
133	Neutron Capture Measurements at the n_TOF Facility. , 2009, , .		0
134	Monoenergetic Neutrons for Stellar Applications. Publications of the Astronomical Society of Australia, 2009, 26, 232-236.	3.4	0
135	Tuning the Re/Os Clock: Stellar-Neutron Cross Sections. Publications of the Astronomical Society of Australia, 2009, 26, 250-254.	3.4	2
136	Monte Carlo Simulations of the Energy Resolution Function of n_TOF at CERN. Nuclear Technology, 2009, 168, 837-842.	1.2	2
137	Fission cross-section measurements on ^{233}U and minor actinides at the CERN n_TOF facility. , 2009, , .		0
138	Integration of the International Standards Evaluation into a Global Data Assessment. Nuclear Data Sheets, 2008, 109, 2874-2879.	2.2	7
139	Recent Results at n_TOF and Future Perspectives. AIP Conference Proceedings, 2008, , .	0.4	0
140	Nuclear physics for the Re/Os clock. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014015.	3.6	8
141	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.	3.6	11
142	Measurement of the stellar cross sections for the reactions $^9\text{Be}(n, \hat{1}^3)^{10}\text{Be}$ and $^{13}\text{C}(n, \hat{1}^3)^{14}\text{C}$ via AMS. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014018.	3.6	22
143	Measurement of the stellar cross section of the ^{91}Zr reaction $^{91}\text{Zr}(n, \hat{1}^3)^{92}\text{Zr}$. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014019.	2.9	34
144	Measurement of the stellar cross section of the ^{14}C reaction $^{14}\text{C}(n, \hat{1}^3)^{15}\text{C}$. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014020.	2.9	51

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145	Neutron capture cross section of Zr Bottleneck in the s -process reaction flow. <i>Physical Review C</i> , 2008, 77, .	2.9	44
146	Nuclear Physics of the s -Process. Publications of the Astronomical Society of Australia, 2008, 25, 18-29.	3.4	6
147	Measurements of neutron capture cross-sections at n_{TOF} . AIP Conference Proceedings, 2007, , .	0.4	0
148	Measurement of the Neutron Induced Fission Cross Section on Transuranic (TRU) Elements at the n_{TOF} Facility at CERN. AIP Conference Proceedings, 2007, , .	0.4	0
149	Measurement of the radiative neutron capture cross section of Pb and its astrophysical implications. <i>Physical Review C</i> , 2007, 76, .	2.9	30
150	Measurement of the neutron capture cross section of the only isotope $Pb204$ from 1 eV to 440 keV. <i>Physical Review C</i> , 2007, 75, .	2.9	32
151	The $^{139}La(n,\hat{\gamma})$ cross section: Key for the onset of the s -process. <i>Physical Review C</i> , 2007, 75, .	2.9	24
152	Neutron reactions and nuclear cosmo-chronology. <i>Progress in Particle and Nuclear Physics</i> , 2007, 59, 165-173.	14.4	7
153	Status and outlook of the neutron time-of-flight facility n_{TOF} at CERN. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 261, 925-929.	1.4	35
154	Measurement of $^{139}La(n,\hat{\gamma})$ Cross Section. AIP Conference Proceedings, 2006, , .	0.4	0
155	Neutron capture reaction rates for stellar nucleosynthesis. AIP Conference Proceedings, 2006, , .	0.4	0
156	Measurement of the resonance capture cross section of $^{204,206}Pb$ and termination of the s -process. AIP Conference Proceedings, 2006, , .	0.4	0
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158	Pulse shape analysis of signals from BaF2 and CeF3 scintillators for neutron capture experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 568, 904-911.	1.6	15
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