

Francisco Calvino

List of Publications by Year in descending order

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Version: 2024-02-01

262
papers

3,749
citations

126858

33
h-index

189801

50
g-index

279
all docs

279
docs citations

279
times ranked

1926
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | First $^{80}\text{Se}(n,\gamma)^{81}\text{Se}$ cross section measurement with high resolution in the full stellar energy range 1 eV - 100 keV and its astrophysical implications for the s -process. EPJ Web of Conferences, 2022, 260, 11026. | 0.1 | 0 |
| 2 | Compton Imaging and Machine-Learning techniques for an enhanced sensitivity in key stellar (n,γ) measurements. EPJ Web of Conferences, 2022, 260, 10002. | 0.1 | 0 |
| 3 | ^{92}Zr and ^{92}Tm β -decay half-lives and ^{92}Tm β -decay branching ratio. EPJ Web of Conferences, 2022, 260, 10002. | 0.1 | 0 |
| 4 | Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, . | 1.1 | 1 |
| 5 | The DESPEC setup for GSI and FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1033, 166662. | 0.7 | 14 |
| 6 | A first prototype of $^{60}\text{Co}(n,\gamma)^{61}\text{Co}$ cross section measurement with a total-energy detector. EPJ Web of Conferences, 2022, 260, 10002. | 0.7 | 5 |
| 7 | Radiative Neutron Capture Cross-Section Measurement of Ge Isotopes at n_TOF CERN Facility and Its Importance for Stellar Nucleosynthesis. Acta Physica Polonica A, 2021, 139, 383-388. | 0.2 | 0 |
| 8 | Measurement of the $^{72}\text{Ge}(n,\gamma)^{73}\text{Ge}$ cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, . | 0.2 | 0 |
| 9 | β -delayed neutron emission of r-process nuclei at the $N=82$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136266. | 1.5 | 21 |
| 10 | First Results of the $^{140}\text{Ce}(n,\gamma)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200. | 0.9 | 4 |
| 11 | 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. | 1.0 | 16 |
| 12 | Destruction of the cosmic β -ray emitter ^{26}Al in massive stars: Study of the key $^{26}\text{Al}(n,\gamma)^{27}\text{Al}$ reaction. Physical Review C, 2021, 104, . | 1.1 | 10 |
| 13 | Destruction of the cosmic β -ray emitter ^{26}Al in massive stars: Study of the key $^{26}\text{Al}(n,\gamma)^{27}\text{Al}$ reaction. Physical Review C, 2021, 104, . | 1.1 | 6 |
| 14 | Measurement of the $^{76}\text{Ge}(n,\gamma)^{77}\text{Ge}$ cross section at the n_TOF facility. Physical Review C, 2021, 104, . | 1.1 | 3 |
| 15 | Measurement of the $^{155}\text{Tm}(n,\gamma)^{156}\text{Tm}$ ratio and ^{155}Tm β -decay branching point. EPJ Web of Conferences, 2021, 239, 01041. | 0.1 | 21 |
| 16 | Measurement of the $^{155}\text{Tm}(n,\gamma)^{156}\text{Tm}$ ratio and ^{155}Tm β -decay branching point. EPJ Web of Conferences, 2021, 239, 01041. | 0.1 | 0 |
| 17 | Measurement and analysis of $^{155,157}\text{Gd}(n,\gamma)$ from thermal energy to 1 keV. EPJ Web of Conferences, 2020, 239, 01041. | 0.1 | 0 |
| 18 | Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024. | 0.1 | 5 |

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|----|---|-----|-----------|
| 19 | Investigation of the $^{240}\text{Pu}(n,f)$ reaction at the n_TOF/EAR2 facility in the 0.1-100 keV range. <i>Physical Review C</i> , 2020, 102, 014601. | 1.1 | 7 |
| 20 | Neutron capture measurement at the n_TOF facility of the ^{204}Tl and ^{205}Tl s-process branching points. <i>Journal of Physics: Conference Series</i> , 2020, 1668, 012005. | 0.3 | 2 |
| 21 | New reaction rates for the destruction of ^7Be during big bang nucleosynthesis measured at CERN/n_TOF and their implications on the cosmological lithium problem. <i>EPJ Web of Conferences</i> , 2020, 239, 07001. | 0.1 | 0 |
| 22 | $^{80}\text{Se}(n,\hat{p}^3)$ cross-section measurement at CERN n_TOF. <i>Journal of Physics: Conference Series</i> , 2020, 1668, 012001. | 0.3 | 1 |
| 23 | Review and new concepts for neutron-capture measurements of astrophysical interest. <i>Journal of Physics: Conference Series</i> , 2020, 1668, 012013. | 0.3 | 1 |
| 24 | Measurement of the $^{235}\text{U}(n,f)$ cross section at n_TOF from thermal to 170 keV. <i>International Journal of Modern Physics Conference Series</i> , 2020, 50, 2060011. | 0.7 | 0 |
| 25 | 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. | 0.7 | 2 |
| 26 | Measurement of the $^{154}\text{Gd}(n,\hat{p}^3)$ cross section and its astrophysical implications. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 804, 135405. | 1.5 | 12 |
| 27 | Preliminary results on the ^{233}U \hat{p}^3 -ratio measurement at n_TOF. <i>EPJ Web of Conferences</i> , 2020, 239, 01043. | 0.1 | 2 |
| 28 | Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. <i>EPJ Web of Conferences</i> , 2020, 239, 17001. | 0.1 | 3 |
| 29 | First results of the $^{230}\text{Th}(n,f)$ cross section measurements at the CERN n_TOF facility. <i>EPJ Web of Conferences</i> , 2020, 239, 05004. | 0.1 | 0 |
| 30 | Accurate measurement of the standard $^{235}\text{U}(n,f)$ cross section from thermal to 170 keV neutron energy. <i>EPJ Web of Conferences</i> , 2020, 239, 08002. | 0.1 | 0 |
| 31 | Measurement of the $^{242}\text{Pu}(n,\hat{p}^3)$ cross section from thermal to 500 keV at the Budapest research reactor and CERN n_TOF-EAR1 facilities. <i>EPJ Web of Conferences</i> , 2020, 239, 01019. | 0.1 | 0 |
| 32 | Study of the neutron-induced fission cross section of ^{237}Np at CERN's n_TOF facility over a wide energy range. <i>EPJ Web of Conferences</i> , 2020, 239, 05006. | 0.1 | 0 |
| 33 | The ^{154}Gd neutron capture cross section measured at the n_TOF facility and its astrophysical implications. <i>EPJ Web of Conferences</i> , 2020, 239, 07003. | 0.1 | 0 |
| 34 | Study of photon strength functions of ^{241}Pu and ^{245}Cm from neutron capture measurements. <i>EPJ Web of Conferences</i> , 2020, 239, 01015. | 0.1 | 2 |
| 35 | Measurement of the energy-differential cross-section of the $^{12}\text{C}(n,p)^{12}\text{B}$ and $^{12}\text{C}(n,d)^{11}\text{B}$ reactions at the n_TOF facility at CERN. <i>EPJ Web of Conferences</i> , 2020, 239, 01045. | 0.1 | 0 |
| 36 | First results of the $^{241}\text{Am}(n,f)$ cross section measurement at the Experimental Area 2 of the n_TOF facility at CERN. <i>EPJ Web of Conferences</i> , 2020, 239, 05014. | 0.1 | 0 |

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|----|---|-----|-----------|
| 37 | Measurement of the ^{244}Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034. | 0.1 | 4 |
| 38 | Neutron capture cross section measurements of ^{241}Am at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009. | 0.1 | 2 |
| 39 | Measurement of the ^{134}La isomer in ^{134}La decays of the ^{85}Rb process nuclei. EPJ Web of Conferences, 2019, 211, 03007. | 1.1 | 10 |
| 40 | Fission program at n_TOF. EPJ Web of Conferences, 2019, 211, 03006. | 0.1 | 1 |
| 41 | Measurement of the ^{244}Cm and ^{246}Cm neutron-induced capture cross sections at the n_TOF facility. EPJ Web of Conferences, 2019, 211, 03008. | 0.1 | 3 |
| 42 | 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. | 1.0 | 20 |
| 43 | Measurement of the ^{70}Ge cross section up to 200 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, 014607. | 1.1 | 13 |
| 44 | Study of the photon strength functions and level density in the gamma decay of the $n + ^{234}\text{U}$ reaction. EPJ Web of Conferences, 2019, 211, 02002. | 0.1 | 2 |
| 45 | Preliminary results on the ^{233}U capture cross section and alpha ratio measured at n_TOF (CERN) with the fission tagging technique. EPJ Web of Conferences, 2019, 211, 03007. | 0.1 | 3 |
| 46 | Measurement of the ^{134}La decays of the ^{85}Rb process nuclei. EPJ Web of Conferences, 2019, 211, 03007. | 1.1 | 13 |
| 47 | Cross section measurements of $^{155,157}\text{Gd}(n, \gamma)$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1. | 1.0 | 23 |
| 48 | 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. | 1.5 | 11 |
| 49 | Commissioning of the BRIKEN detector for the measurement of very exotic ^{12}C -delayed neutron emitters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 925, 133-147. | 0.7 | 23 |
| 50 | Improving Nuclear Data Input for r-Process Calculations Around $A \approx 80$. Springer Proceedings in Physics, 2019, , 453-456. | 0.1 | 0 |
| 51 | Measurement of the ^{244}Cm and ^{246}Cm Neutron-Induced Cross Sections at the n_TOF Facility. Springer Proceedings in Physics, 2019, , 117-122. | 0.1 | 0 |
| 52 | Data for the s Process from n_TOF. Springer Proceedings in Physics, 2019, , 63-70. | 0.1 | 1 |
| 53 | Characterization and First Test of an i-TED Prototype at CERN n_TOF. Springer Proceedings in Physics, 2019, , 169-173. | 0.1 | 0 |
| 54 | $^7\text{Be}(n, p)^6\text{Li}$ Cross Section Measurement for the Cosmological Lithium Problem at the n_TOF Facility at CERN. Springer Proceedings in Physics, 2019, , 25-32. | 0.1 | 0 |

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|----|---|-----|-----------|
| 55 | Preparation and characterization of A33S samples for A33S(n,γ)TlEQ1 1 0.784314 rgBT /Overlock 10 11 50 757 Td (xmins) facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 890, 142-147. | 0.7 | 2 |
| 56 | Radiative neutron capture on ^{242}Pu in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, . | 1.1 | 21 |
| 57 | Experimental setup and procedure for the measurement of the $^7\text{Be}(n,p)^7\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33. | 0.7 | 14 |
| 58 | Measurement of the radiative capture cross section of the s-process branching points ^{204}Tl and ^{171}Tm at the n_TOF facility (CERN). EPJ Web of Conferences, 2018, 178, 03004. | 0.1 | 1 |
| 59 | First determination of $\hat{\Gamma}^2$ -delayed multiple neutron emission beyond A=100 through direct neutron measurement: The P2n value of Sb136. Physical Review C, 2018, 98, . | 1.1 | 9 |
| 60 | First Measurement of $^{72}\text{Ge}(n, \hat{\Gamma}^3)$ at n_TOF. EPJ Web of Conferences, 2018, 184, 02005. | 0.1 | 0 |
| 61 | Measurement and analysis of the ^{241}Am neutron capture cross section at the CERN n_TOF facility. Physical Review C, 2018, 97, . | 1.1 | 9 |
| 62 | Measurement and resonance analysis of the $^{209}\text{Bi}(n, \hat{\Gamma}^2)$ reaction at the CERN n_TOF facility. Physical Review C, 2018, 97, . | 2.9 | 58 |
| 63 | Measurement and resonance analysis of the $^{209}\text{Bi}(n, \hat{\Gamma}^2)$ reaction at the CERN n_TOF facility. Physical Review C, 2018, 97, . | 1.1 | 8 |
| 64 | The BRIKEN Project: Extensive Measurements of β -delayed Neutron Emitters for the Astrophysical r Process. Acta Physica Polonica B, 2018, 49, 417. | 0.3 | 16 |
| 65 | Conceptual design of a hybrid neutron-gamma detector for study of $\hat{\Gamma}^2$ -delayed neutrons at the RIB facility of RIKEN. Journal of Instrumentation, 2017, 12, P04006-P04006. | 0.5 | 34 |
| 66 | Neutron spectroscopy of ^{26}Mg states: Constraining the stellar neutron source $^{22}\text{Ne}(\hat{\Gamma}^{\pm}, n)^{25}\text{Mg}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6. | 1.5 | 32 |
| 67 | Neutron capture cross section measurement of ^{238}U at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. Physical Review C, 2017, 95, . | 1.1 | 12 |
| 68 | High-accuracy determination of the neutron flux in the new experimental area n_TOF-EAR2 at CERN. European Physical Journal A, 2017, 53, 1. | 1.0 | 41 |
| 69 | Monte carlo simulations of the n_TOF lead spallation target with the Geant4 toolkit: A benchmark study. EPJ Web of Conferences, 2017, 146, 03030. | 0.1 | 0 |
| 70 | $\hat{\Gamma}^2$ -decay half-lives and $\hat{\Gamma}^2$ -delayed neutron emission probabilities for several isotopes of Au, Hg, Tl, Pb, and Bi, beyond ^{126}N . Physical Review C, 2017, 95, . | 1.1 | 22 |
| 71 | 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. Physical Review C, 2017, 96, . | 1.1 | 8 |
| 72 | The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014. | 0.1 | 1 |

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|----|--|-----|-----------|
| 73 | ${}^7\text{Be}(n,\hat{1}\pm)$ and ${}^7\text{Be}(n,p)$ cross-section measurement for the cosmological lithium problem at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 01012. | 0.1 | 1 |
| 74 | The ${}^{236}\text{U}$ neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054. | 0.1 | 1 |
| 75 | Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020. | 0.1 | 1 |
| 76 | High accuracy ${}^{234}\text{U}(n,f)$ cross section in the resonance energy region. EPJ Web of Conferences, 2017, 146, 04057. | 0.1 | 1 |
| 77 | The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002. | 0.1 | 2 |
| 78 | New measurement of the ${}^{242}\text{Pu}(n,\hat{1}^3)$ cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. EPJ Web of Conferences, 2017, 146, 11045. | 0.1 | 1 |
| 79 | The n_TOF facility: Neutron beams for challenging future measurements at CERN. EPJ Web of Conferences, 2017, 146, 03001. | 0.1 | 1 |
| 80 | Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002. | 0.1 | 3 |
| 81 | High precision measurement of the radiative capture cross section of ${}^{238}\text{U}$ at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11028. | 0.1 | 0 |
| 82 | Time-of-flight and activation experiments on ${}^{147}\text{Pm}$ and ${}^{171}\text{Tm}$ for astrophysics. EPJ Web of Conferences, 2017, 146, 01007. | 0.1 | 0 |
| 83 | The ${}^{33}\text{S}(n,\hat{1}\pm){}^{30}\text{Si}$ cross section measurement at n_TOF-EAR2 (CERN): From 0.01 eV to the resonance region. EPJ Web of Conferences, 2017, 146, 08004. | 0.1 | 3 |
| 84 | New accurate measurements of neutron emission probabilities for relevant fission products. EPJ Web of Conferences, 2017, 146, 01004. | 0.1 | 3 |
| 85 | Measurement of the heaviest $\hat{1}^2$ -delayed 2-neutron emitter: ${}^{136}\text{Sb}$. EPJ Web of Conferences, 2017, 146, 01005. | 0.1 | 0 |
| 86 | Commissioning of the BRIKEN beta-delayed neutron detector for the study of exotic neutron-rich nuclei. EPJ Web of Conferences, 2017, 165, 01051. | 0.1 | 1 |
| 87 | 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. | 0.1 | 6 |
| 88 | 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. | 0.1 | 7 |
| 89 | Measurement of the ${}^{241}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022. | 0.1 | 1 |
| 90 | First Evidence of Multiple β -delayed Neutron Emission for Isotopes with $A > 100$. Acta Physica Polonica B, 2017, 48, 517. | 0.3 | 1 |

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| 91 | Recent Results In Nuclear Astrophysics At The n-TOF Facility At CERN. , 2017, , . | | 0 |
| 92 | The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001. | 0.1 | 3 |
| 93 | Towards the high-accuracy determination of the ^{238}U fission cross section at the threshold region at CERN n_TOF. EPJ Web of Conferences, 2016, 111, 02002. | 0.1 | 2 |
| 94 | High accuracy $^{235}\text{U}(n,f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003. | 0.1 | 7 |
| 95 | Experiments with neutron beams for the astrophysical s process. Journal of Physics: Conference Series, 2016, 665, 012020. | 0.3 | 2 |
| 96 | Measurement of very low (\hat{I}_{\pm},n) cross sections of astrophysical interest. Journal of Physics: Conference Series, 2016, 665, 012031. | 0.3 | 1 |
| 97 | Approaching the precursor nuclei of the third r -process peak with RIBs. Journal of Physics: Conference Series, 2016, 665, 012045. | 0.3 | 3 |
| 98 | Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1. | 1.2 | 26 |
| 99 | First Measurement of Several \hat{I}_{\pm}^2 -Delayed Neutron Emitting Isotopes Beyond ^{126}Np . Physical Review Letters, 2016, 117, 012501. | 2.9 | 94 |
| 100 | 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, . | 2.9 | 47 |
| 101 | Fission Fragment Angular Distribution measurements of ^{235}U and ^{238}U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002. | 1.1 | 11 |
| 102 | Integral measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1. | 0.1 | 14 |
| 103 | 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. | 1.0 | 9 |
| 104 | Characterization of a neutron β -counting system with beta-delayed neutron emitters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 69-78. | 0.7 | 21 |
| 105 | Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214. | 0.7 | 38 |
| 106 | Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214. | | 1 |
| 107 | Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009. | 0.1 | 0 |
| 108 | High-accuracy determination of the ^{238}U fission cross section at the threshold region at CERN n_TOF. EPJ Web of Conferences, 2016, 111, 02002. | 1.1 | 24 |

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|-----|---|-----|-----------|
| 109 | The new vertical neutron beam line at the CERN n_TOF facility design and outlook on the performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 90-98. | 0.7 | 82 |
| 110 | The nucleosynthesis of heavy elements in Stars: the key isotope ^{25}Mg . EPJ Web of Conferences, 2014, 66, 07016. | 0.1 | 1 |
| 111 | Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001. | 0.1 | 2 |
| 112 | Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003. | 0.1 | 0 |
| 113 | $^{238}\text{U}(n,\hat{3})$ reaction cross section measurement with C6D6 detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061. | 0.1 | 1 |
| 114 | Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. Physical Review C, 2014, 89, . | 1.1 | 28 |
| 115 | Measurement of the ^{62}Ni neutron capture cross section at the n_TOF CERN facility. Physical Review C, 2014, 89, . | 1.1 | 31 |
| 116 | Measurement of the $^{12}\text{C}(n,p)^{12}\text{B}$ cross section at n_TOF at CERN by in-beam activation analysis. Physical Review C, 2014, 90, . | 1.1 | 14 |
| 117 | $\hat{2}$ -delayed neutron emission studies. Hyperfine Interactions, 2014, 223, 185-194. | 0.2 | 12 |
| 118 | Measurement and analysis of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 89, . | 1.1 | 25 |
| 119 | Neutron-induced fission cross section of ^{234}U measured at the CERN n_TOF facility. Physical Review C, 2014, 89, . | 1.1 | 14 |
| 120 | Measurement of the angular distribution of fission fragments using a PPAC assembly at CERN n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 79-85. | 0.7 | 28 |
| 121 | Measurement and analysis of the ^{243}Am neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 89, . | 1.1 | 26 |
| 122 | New Beta-delayed Neutron Measurements in the Light-mass Fission Group. Nuclear Data Sheets, 2014, 120, 74-77. | 0.7 | 15 |
| 123 | Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204. | 0.7 | 2 |
| 124 | The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point ^{59}Ni . Nuclear Data Sheets, 2014, 120, 208-210. | 0.7 | 14 |
| 125 | $\hat{2}$ -decay and $\hat{2}$ -delayed Neutron Emission Measurements at GSI-FRS Beyond ^{126}N for r-process Nucleosynthesis. Nuclear Data Sheets, 2014, 120, 81-83. | 0.7 | 10 |
| 126 | GEANT4 simulation of the neutron background of the C6D6 set-up for capture studies at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 760, 57-67. | 0.7 | 31 |

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|-----|--|-----|-----------|
| 127 | Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003. | 0.1 | 0 |
| 128 | High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1. | 1.0 | 71 |
| 129 | Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1. | 1.0 | 205 |
| 130 | Measurement of the neutron-induced fission cross-section of ^{241}Am at the time-of-flight facility n_TOF. European Physical Journal A, 2013, 49, 1. | 1.0 | 9 |
| 131 | A new CVD diamond mosaic-detector for (n, γ) reactions at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Neutron Capture Cross Section of Unstable ^{63}Ni . http://www.w3.org/1998/Math/MathML display="inline" $\langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 63 \langle \text{mml:mn} \rangle \langle \text{mml:multiscripts} \rangle \langle \text{mml:math} \rangle$: Implications for Stellar Nucleosynthesis. Physical Review Letters, 2013, 110, 022501. | 0.7 | 26 |
| 132 | discovery of a new resonance in the neutron-induced fission of ^{235}U . Physical Review Letters, 2013, 110, 022501. | 2.9 | 44 |
| 133 | Neutron research at the N_TOF facility (CERN): Results and perspectives. , 2013, , . | | 0 |
| 134 | The β -delayed neutron emission measurements around the third r-process abundance peak. , 2013, , . | 1.1 | 39 |
| 135 | reaction up to 8 keV neutron energy. Physical Review C, 2013, 87, . | | 0 |
| 136 | THE LATEST ON NEUTRON-INDUCED CAPTURE AND FISSION MEASUREMENTS AT THE CERN n_TOF FACILITY. , 2013, , . | | 1 |
| 137 | Angular distribution in the neutron-induced fission of actinides. EPJ Web of Conferences, 2013, 62, 08003. | 0.1 | 1 |
| 138 | THE Am-243 NEUTRON CAPTURE MEASUREMENT AT THE n_TOF FACILITY. , 2013, , . | | 0 |
| 139 | Measurement of resolved resonances of $^{232}\text{Th}(n, \beta)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, . | 1.1 | 23 |
| 140 | Publisher's Note: Measurement of resolved resonances of $^{232}\text{Th}(n, \beta)$ at the n_TOF facility at CERN. Physical Review C, 2012, 85, . | 1.1 | 3 |
| 141 | Measurement and resonance analysis of the ^{237}Np neutron capture cross section. Physical Review C, 2012, 85, . | 1.1 | 26 |
| 142 | Neutron-induced fission cross section of ^{245}Cm : New results from data taken at the time-of-flight facility n_TOF. Physical Review C, 2012, 85, . | 1.1 | 13 |
| 143 | Neutron-induced fission cross section measurement of ^{233}U , ^{241}Am and ^{243}Am in the energy range 0.5 MeV $\leq E_n \leq 20$ MeV at n_TOF at CERN. Physica Scripta, 2012, T150, 014005. | | 2 |
| 144 | Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, . | 1.1 | 55 |

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|-----|---|-----|-----------|
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| 172 | cross sections of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Os} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ | 1.1 | 36 |
| 173 | $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 186 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 187 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 197 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 407 Td} \langle \text{xmlns:mml} \rangle$ The $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Zr} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ | 1.1 | 55 |
| 174 | $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 92 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 407 Td} \langle \text{xmlns:mml} \rangle$ Neutron physics of the Re/Os clock. I. Measurement of the ($\langle \text{mml:math} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 407 Td} \langle \text{xmlns:mml} \rangle$) | 0.1 | 33 |
| 175 | cross sections of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Os} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ | 1.1 | 28 |
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| 178 | $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 234 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle \text{and} \langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Np} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle$ | 1.1 | 72 |
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