

# Stanislav Valenta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8367988/publications.pdf>

Version: 2024-02-01

124  
papers

1,491  
citations

331670

21  
h-index

361022

35  
g-index

142  
all docs

142  
docs citations

142  
times ranked

991  
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. | 0.3 | 0         |
| 2  | Measurement of the $^{92}\text{Tl}$ ETQq0 0 0 rgBT /Overlock 10 Tf 50 687 Td (cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, .  | 2.9 | 1         |
| 3  | Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, .   | 2.9 | 1         |
| 4  | Total absorption spectroscopy of the $\hat{I}^2$ decay of Zr101,102 and Tc109. Physical Review C, 2021, 103, .  | 2.9 | 5         |
| 5  | 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.  | 0.5 | 0         |
| 6  | 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, .   | 2.9 | 10        |
| 7  | First Results of the $^{140}\text{Ce}(n, \gamma)^{141}\text{Ce}$ Cross-Section Measurement at n_TOF. Universe, 2021, 7, 200.  | 2.5 | 4         |
| 8  | 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        |
| 9  | $^{26}\text{Al}$ -ray emitter in massive stars: Study of the key $^{26}\text{Al}(n, \gamma)^{27}\text{Al}$ reaction. Physical Review C, 2021, 104, .  | 2.9 | 6         |
| 10 | Destruction of the cosmic $\hat{I}^3$ -ray emitter Al26 in massive stars: Study of the key $^{26}\text{Al}(n, \gamma)^{27}\text{Al}$ reaction. Physical Review C, 2021, 104, .  | 2.9 | 6         |
| 11 | Measurement of the $^{75}\text{Ge}(n, \gamma)^{76}\text{Ge}$ cross section of $^{75}\text{Ge}$ -Process Branching Point of the $s$ -process. Physical Review C, 2020, 102, .  | 2.9 | 3         |
| 12 | Neutron Capture on the $^{55}\text{Fe}$ -Process Branching Point of the $s$ -process. Physical Review C, 2020, 102, .   | 2.9 | 7         |
| 13 | Measurement and analysis of $^{155,157}\text{Gd}(n, \gamma)$ from thermal energy to 1 keV. EPJ Web of Conferences, 2020, 239, 01041.  | 0.3 | 0         |
| 14 | Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024.  | 0.3 | 5         |
| 15 | Investigation of the $^{240}\text{Pu}(n, \gamma)^{241}\text{Pu}$ reaction at the n_TOF/EAR2 facility in the 9 meV $\leq$ 6 MeV range. Physical Review C, 2020, 102, .   | 2.9 | 7         |
| 16 | Neutron capture measurement at the n TOF facility of the $^{204}\text{Tl}$ and $^{205}\text{Tl}$ s-process branching points. Journal of Physics: Conference Series, 2020, 1668, 012005.   | 0.4 | 2         |
| 17 | New reaction rates for the destruction of $^7\text{Be}$ 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | $^{80}\text{Se}(n, \hat{1}^3)$ cross-section measurement at CERN n_TOF. Journal of Physics: Conference Series, 2020, 1668, 012001.  | 0.4 | 1         |
| 20 | Review and new concepts for neutron-capture measurements of astrophysical interest. Journal of Physics: Conference Series, 2020, 1668, 012013.  | 0.4 | 1         |
| 21 | Measurement of the $^{235}\text{U}(n, f)$ cross section at n_TOF from thermal to 170 keV. International Journal of Modern Physics Conference Series, 2020, 50, 2060011.   | 0.7 | 0         |
| 22 | 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         |
| 23 | Examination of photon strength functions and nuclear level density in $^{196}\text{Pt}$ from the $^{196}\text{Pt}$ -ray spectra measured at the DANCE facility. Physical Review C, 2020, 101, .   | 2.9 | 3         |
| 24 | Measurement of the $^{154}\text{Gd}(n, \hat{1}^3)$ cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405.   | 4.1 | 12        |
| 25 | Preliminary results on the $^{233}\text{U}$ $\hat{1}^{\pm}$ -ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043.  | 0.3 | 2         |
| 26 | Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001.   | 0.3 | 3         |
| 27 | First results of the $^{230}\text{Th}(n, f)$ cross section measurements at the CERN n_TOF facility. EPJ Web of Conferences, 2020, 239, 05004.   | 0.3 | 0         |
| 28 | Accurate measurement of the standard $^{235}\text{U}(n, f)$ cross section from thermal to 170 keV neutron energy. EPJ Web of Conferences, 2020, 239, 08002.   | 0.3 | 0         |
| 29 | Measurement of the $^{242}\text{Pu}(n, \hat{1}^3)$ 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         |
| 30 | Study of the neutron-induced fission cross section of $^{237}\text{Np}$ at CERN's n_TOF facility over a wide energy range. EPJ Web of Conferences, 2020, 239, 05006.  | 0.3 | 0         |
| 31 | The $^{154}\text{Gd}$ neutron capture cross section measured at the n_TOF facility and its astrophysical implications. EPJ Web of Conferences, 2020, 239, 07003.  | 0.3 | 0         |
| 32 | Study of photon strength functions of $^{241}\text{Pu}$ and $^{245}\text{Cm}$ from neutron capture measurements. EPJ Web of Conferences, 2020, 239, 01015.  | 0.3 | 2         |
| 33 | 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. EPJ Web of Conferences, 2020, 239, 01045.  | 0.3 | 0         |
| 34 | First results of the $^{241}\text{Am}(n, f)$ 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         |
| 35 | Measurement of the $^{244}\text{Cm}$ capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034.  | 0.3 | 4         |
| 36 | Setup for the measurement of the $^{235}\text{U}(n, f)$ cross section relative to n-p scattering up to 1 GeV. EPJ Web of Conferences, 2020, 239, 01008.   | 0.3 | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Neutron capture cross section measurements of $^{241}\text{Am}$ at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009.  | 0.3 | 2         |
| 38 | Fission program at n_TOF. EPJ Web of Conferences, 2019, 211, 03006.   | 0.3 | 1         |
| 39 | Measurement of the $^{244}\text{Cm}$ and $^{246}\text{Cm}$ neutron-induced capture cross sections at the n_TOF facility. EPJ Web of Conferences, 2019, 211, 03008.  | 0.3 | 3         |
| 40 | Measurement of the $^{235}\text{U}(n, f)$ cross section relative to the $^6\text{Li}(n, t)$ and $^{10}\text{B}(n, \alpha)$ standards from thermal to 170 keV neutron energy range at n_TOF. European Physical Journal A, 2019, 55, 1.   | 2.5 | 20        |
| 41 | Measurement of the $^{70}\text{Ge}$ cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, .   | 2.9 | 13        |
| 42 | 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.   | 0.3 | 2         |
| 43 | Preliminary results on the $^{233}\text{U}$ capture cross section and alpha ratio measured at n_TOF (CERN) with the fission tagging technique. EPJ Web of Conferences, 2019, 211, 03007.  | 0.3 | 3         |
| 44 | Cross section measurements of $^{155,157}\text{Gd}(n, \gamma)$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1.  | 2.5 | 23        |
| 45 | Constraints on the dipole photon strength functions from experimental multistep cascade spectra. Physical Review C, 2019, 99, .   | 2.9 | 9         |
| 46 | Measurement of $^{73}\text{Ge}(n, \gamma)$ cross sections and implications for stellar nucleosynthesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 458-465.   | 4.1 | 11        |
| 47 | Measurement of the $^{244}\text{Cm}$ and $^{246}\text{Cm}$ Neutron-Induced Cross Sections at the n_TOF Facility. Springer Proceedings in Physics, 2019, , 117-122.  | 0.2 | 0         |
| 48 | $^7\text{Be}(n, p)$ $^7\text{Li}$ Cross Section Measurement for the Cosmological Lithium Problem at the n_TOF Facility at CERN. Springer Proceedings in Physics, 2019, , 25-32.   | 0.2 | 0         |
| 49 | Preparation and characterization of $^{235}\text{U}$ samples for $^{235}\text{U}(n, \gamma)$ measurements at the n_TOF facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 142-147. | 1.6 | 2         |
| 50 | Radiative neutron capture on $^{242}\text{Pu}$ in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, .  | 2.9 | 21        |
| 51 | Experimental setup and procedure for the measurement of the $^7\text{Be}(n, p)^7\text{Li}$ reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 27-33.                              | 1.6 | 14        |
| 52 | Measurement of the radiative capture cross section of the s-process branching points $^{204}\text{Tl}$ and $^{171}\text{Tm}$ at the n_TOF facility (CERN). EPJ Web of Conferences, 2018, 178, 03004.  | 0.3 | 1         |
| 53 | First Measurement of $^{72}\text{Ge}(n, \gamma)$ at n_TOF. EPJ Web of Conferences, 2018, 184, 02005.  | 0.3 | 0         |
| 54 | Measurement and analysis of the $^{241}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, .   | 2.9 | 9         |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | Measurement and resonance analysis of the $^{7}\text{Li}(n,\alpha)^{4}\text{He}$ cross section at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. Physical Review C, 2017, 95, .                                    | 7.81 | 58        |
| 56 | Neutron spectroscopy of $^{26}\text{Mg}$ states: Constraining the stellar neutron source $^{22}\text{Ne}(\hat{n},n)^{25}\text{Mg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6. | 2.9  | 8         |
| 57 | Neutron capture cross section measurement of $^{238}\text{U}$ at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. Physical Review C, 2017, 95, .   | 4.1  | 32        |
| 58 | High-accuracy determination of the neutron flux in the new experimental area n_TOF-EAR2 at CERN. European Physical Journal A, 2017, 53, 1.   | 2.9  | 12        |
| 59 | Monte carlo simulations of the n_TOF lead spallation target with the Geant4 toolkit: A benchmark study. EPJ Web of Conferences, 2017, 146, 03030.  | 2.5  | 41        |
| 60 | Measurement of the $^{238}\text{U}(n,\hat{\alpha})$ cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. Physical Review C, 2017, 96, .  | 0.3  | 0         |
| 61 | Examination of photon strength functions for $^{162}\text{Dy}$ from radiative capture of resonance neutrons. Physical Review C, 2017, 96, .  | 2.9  | 8         |
| 62 | The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014.  | 2.9  | 20        |
| 63 | $^{7}\text{Be}(n,\hat{\alpha})$ 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.                                       | 0.3  | 1         |
| 64 | The $^{236}\text{U}$ neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054.  | 0.3  | 1         |
| 65 | Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020.  | 0.3  | 1         |
| 66 | High accuracy $^{234}\text{U}(n,f)$ cross section in the resonance energy region. EPJ Web of Conferences, 2017, 146, 04057.  | 0.3  | 1         |
| 67 | First results on photon strength functions of $^{78}\text{Se}$ from the two-step $^{13}\text{C}$ Cascades measurement. EPJ Web of Conferences, 2017, 146, 05010.   | 0.3  | 0         |
| 68 | The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002.  | 0.3  | 2         |
| 69 | New measurement of the $^{242}\text{Pu}(n,\hat{\alpha})$ cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. EPJ Web of Conferences, 2017, 146, 11045.  | 0.3  | 1         |
| 70 | The n_TOF facility: Neutron beams for challenging future measurements at CERN. EPJ Web of Conferences, 2017, 146, 03001.   | 0.3  | 1         |
| 71 | Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002.   | 0.3  | 3         |
| 72 |  |      |           |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | 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.  | 0.3 | 0         |
| 74 | Time-of-flight and activation experiments on $^{147}\text{Pm}$ and $^{171}\text{Tm}$ for astrophysics. EPJ Web of Conferences, 2017, 146, 01007.   | 0.3 | 0         |
| 75 | The $^{33}\text{S}(n,\hat{\pm})^{30}\text{Si}$ cross section measurement at n_TOF-EAR2 (CERN): From 0.01 eV to the resonance region. EPJ Web of Conferences, 2017, 146, 08004.   | 0.3 | 3         |
| 76 | EXILL – a high-efficiency, high-resolution setup for $\hat{^3}$ -spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.   | 1.2 | 39        |
| 77 | Measurement of the $^{240}\text{Pu}(n,f)$ cross-section at the CERN n_TOF facility: First results from experimental area II (EAR-2). EPJ Web of Conferences, 2017, 146, 04030.   | 0.3 | 6         |
| 78 | Measurement of the neutron capture cross section of the fissile isotope $^{235}\text{U}$ with the CERN n_TOF total absorption calorimeter and a fission tagging based on micromegas detectors. EPJ Web of Conferences, 2017, 146, 11021.                                     | 0.3 | 7         |
| 79 | Measurement of the $^{241}\text{Am}$ neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022.  | 0.3 | 1         |
| 80 | The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001.   | 0.3 | 3         |
| 81 | Towards the high-accuracy determination of the $^{238}\text{U}$ fission cross section at the threshold region at CERN n_TOF. EPJ Web of Conferences, 2016, 111, 02002.   | 0.3 | 2         |
| 82 | Experiments with neutron beams for the astrophysical $s$ -process. Journal of Physics: Conference Series, 2016, 665, 012020.   | 0.4 | 2         |
| 83 | Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1.   | 2.6 | 26        |
| 84 | Strong Neutron- $\hat{^3}$ Competition above the Neutron Threshold in the Decay of $^{70}\text{Be}$ . EPJ Web of Conferences, 2016, 111, 02002.  | 0.3 | 2         |
| 85 | Measurement of the $^{70}\text{Be}(n,\hat{\pm})^{70}\text{Be}$ cross section at the n_TOF facility. EPJ Web of Conferences, 2016, 111, 02002.  | 7.8 | 94        |
| 86 | Consistency of photon strength function models with data from the $^{94}\text{Mo}(d,p\hat{^3})$ reaction. Physical Review C, 2016, 93, .   | 2.9 | 7         |
| 87 | Fission Fragment Angular Distribution measurements of $^{235}\text{U}$ and $^{238}\text{U}$ at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002.  | 0.3 | 14        |
| 88 | 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         |
| 89 | Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n,\hat{\pm})^{\hat{\pm}}$ 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        |
| 90 | Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214.   |     | 1         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Two-step $^{97}\text{Mo}$ with the DANCE<br>following thermal neutron capture in $^{97}\text{Mo}$ . EPJ Web of Conferences, 2015, 93, 01037.   | 2.9 | 9         |
| 92  | Scissors Mode of $^{162}\text{Dy}$ Studied from Resonance Neutron Capture. EPJ Web of Conferences, 2015, 93, 01037.  | 0.3 | 3         |
| 94  | Photon strength functions in $^{177}\text{Lu}$ : Study of scissors resonance in high-spin region. EPJ Web of Conferences, 2015, 93, 01054.   | 0.3 | 2         |
| 95  | Experimental neutron capture data of $^{58}\text{Ni}$ from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009.   | 0.3 | 0         |
| 96  | Photon Strength Functions from Two-Step $^{13}\text{C}$ Cascades Experiment on $^{155,157}\text{Gd}$ . EPJ Web of Conferences, 2015, 93, 01036.  | 0.3 | 1         |
| 97  | Neutron-capture experiment on $^{77}\text{Se}$ with EXILL at ILL Grenoble. EPJ Web of Conferences, 2015, 93, 01050.  | 0.3 | 0         |
| 98  | High-accuracy determination of the $^{238}\text{U}$ fission<br>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. | 2.9 | 24        |
| 99  | The nucleosynthesis of heavy elements in Stars: the key isotope $^{25}\text{Mg}$ . EPJ Web of Conferences, 2014, 66, 07016.  | 0.3 | 1         |
| 101 | Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.   | 0.3 | 2         |
| 102 | Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003.   | 0.3 | 0         |
| 103 | Photon strength functions in Gd isotopes studied from radiative capture of resonance neutrons. EPJ Web of Conferences, 2014, 69, 00018.  | 0.3 | 0         |
| 104 | $^{238}\text{U}(n, \hat{1}^3)$ reaction cross section measurement with C6D6 detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061.  | 0.3 | 1         |
| 105 | Experimental neutron capture data of $^{58}\text{Ni}$ from the CERN n_TOF facility. Physical Review C, 2014, 89, 014601.   | 2.9 | 28        |
| 106 | Measurement and analysis 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, 014601.   | 2.9 | 31        |
| 107 | Measurement and analysis of the $^{241}\text{Am}$ fission<br>Measurement and analysis of the $^{241}\text{Am}$ fission cross section at n_TOF at CERN by in-beam activation analysis. Physical Review C, 2014, 90, 014601.   | 2.9 | 14        |
| 108 | Measurement and analysis of the $^{241}\text{Am}$ fission cross section at n_TOF at CERN by in-beam activation analysis. Physical Review C, 2014, 90, 014601.  | 2.9 | 14        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 109 | 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        |
| 110 | Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204.  | 2.2 | 2         |
| 111 | The $(n, \hat{1}\pm)$ Reaction in the s-process Branching Point $^{59}\text{Ni}$ . Nuclear Data Sheets, 2014, 120, 208-210.  | 2.2 | 14        |
| 112 | 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        |
| 113 | Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003.   | 0.3 | 0         |
| 114 | High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1.  | 2.5 | 71        |
| 115 | Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1.  | 2.5 | 205       |
| 116 | A new CVD diamond mosaic-detector for $(n, \gamma)$ reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 190-194.  | 1.6 | 26        |
| 117 | Neutron capture cross-sections for unstable nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 190-194.<br>$^{63}\text{Ni}$ Implications for Stellar Nucleosynthesis. Physical Review Letters, 2013, 110, 022501. | 7.8 | 44        |
| 118 | Strength of the scissors mode in odd-mass Gd isotopes from the radiative capture of resonance neutrons. Physical Review C, 2013, 88, .   | 2.9 | 26        |
| 119 | Neutron research at the N_TOF facility (CERN): Results and perspectives. , 2013, , .   |     | 0         |
| 120 | Scissors mode of Gd nuclei measured, with the DANCE detector. Physica Scripta, 2013, T154, 014009.   | 2.5 | 4         |
| 121 | THE LATEST ON NEUTRON-INDUCED CAPTURE AND FISSION MEASUREMENTS AT THE CERN n_TOF FACILITY. , 2013, , .   |     | 1         |
| 122 | Angular distribution in the neutron-induced fission of actinides. EPJ Web of Conferences, 2013, 62, 08003.   | 0.3 | 1         |
| 123 | Scissors mode of Gd nuclei studied from resonance neutron capture. , 2012, , .   |     | 0         |
| 124 | Present status and future programs of the n_TOF experiment. EPJ Web of Conferences, 2012, 21, 03001.   | 0.3 | 2         |