

Cesar Domingo Pardo

List of Publications by Year in descending order

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Version: 2024-02-01

307
papers

5,030
citations

117625

34
h-index

144013

57
g-index

325
all docs

325
docs citations

325
times ranked

2136
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 $^{80}\text{Se}(n, \gamma)^{81}\text{Se}$ 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 |
| 3 | Compton Imaging and Machine-Learning techniques for an enhanced sensitivity in key stellar $(n, \gamma)^{81}\text{Se}$ measurements. EPJ Web of Conferences, 2022, 260, 10002. | 0.3 | 0 |
| 4 | Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, . | 2.9 | 1 |
| 5 | Towards machine learning aided real-time range imaging in proton therapy. Scientific Reports, 2022, 12, 2735. | 3.3 | 5 |
| 6 | Preparation of PbSe targets for ^{79}Se neutron capture cross section studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1022, 166442. | 1.6 | 5 |
| 7 | Simultaneous neutron and gamma imaging system for real time range and dose monitoring in Hadron Therapy and nuclear security applications. EPJ Web of Conferences, 2022, 261, 05001. | 0.3 | 2 |
| 8 | First in-beam tests on simultaneous PET and Compton imaging aimed at quasi-real-time range verification in hadron therapy. EPJ Web of Conferences, 2022, 261, 05002. | 0.3 | 1 |
| 9 | New narrow resonances observed in the unbound nucleus ^{15}O . Physical Review C, 2022, 105, . | 2.9 | 7 |
| 10 | Measurement of the $^{27}\text{Al}(n, \gamma)^{28}\text{Al}$ total-energy detector cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, . | 1.6 | 5 |
| 11 | Manifestation of the Berry phase in the atomic nucleus ^{213}Po . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136183. | 4.1 | 8 |
| 12 | ^{82}Ge -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. | 4.1 | 21 |
| 13 | Machine Learning aided 3D-position reconstruction in large LaCl_3 crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1001, 165249. | 1.6 | 13 |
| 14 | 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 |
| 15 | 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 |
| 16 | Evidence for enhanced neutron-proton correlations from the level structure of the ^{23}Tc nucleus. Physical Review C, 2021, 104, . | 2.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Investigation of the cosmic \hat{I}^3 -ray emitter Al^{26} in massive stars: Study of the key $Al^{26}(n,\hat{I}^{\pm})$ reaction. <i>Physical Review C</i> , 2021, 104, . | 2.9 | 10 |
| 20 | The $(6+)$ isomer in ^{102}Sn revisited: Neutron and proton effective charges close to the double shell closure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136591. | 4.1 | 8 |
| 21 | Destruction of the cosmic \hat{I}^3 -ray emitter Al^{26} in massive stars: Study of the key $Al^{26}(n,\hat{I}^{\pm})$ reaction. <i>Physical Review C</i> , 2021, 104, . | 2.9 | 6 |
| 22 | Design of the third-generation lead-based neutron spallation target for the neutron time-of-flight facility at CERN. <i>Physical Review Accelerators and Beams</i> , 2021, 24, . | 1.6 | 17 |
| 23 | Measurement of the $Ge^{76}(n,\hat{I}^{\pm})$ reaction. <i>Physical Review C</i> , 2021, 104, . | 2.9 | 3 |
| 24 | Reinterpretation of excited states in Po^{212} : Shell-model multiplets rather than \hat{I}^{\pm} -cluster states. <i>Physical Review C</i> , 2021, 104, . | 2.9 | 2 |
| 25 | First FED demonstrator: A Compton imager with Dynamic Electronic Collimation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 974, 166217. | 1.6 | 21 |
| 26 | Neutron capture on the Tm^{155} -Process Branching Point. <i>Physical Review C</i> , 2020, 102, 054607. | 2.9 | 21 |
| 27 | Measurement and analysis of $Gd^{155,157}(n,\hat{I}^3)$ from thermal energy to 1 keV. <i>EPJ Web of Conferences</i> , 2020, 239, 01041. | 0.3 | 0 |
| 28 | Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. <i>EPJ Web of Conferences</i> , 2020, 239, 01024. | 0.3 | 5 |
| 29 | Low-lying electric dipole \hat{I}^3 -continuum for the unstable $^{62,64}Fe$ nuclei: Strength evolution with neutron number. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135951. | 4.1 | 6 |
| 30 | Investigation of the $Pu^{240}(n,\hat{I}^{\pm})$ reaction at the n_TOF/FAR2 facility in the $0\text{--}100\text{ eV}$ energy range. <i>Physical Review C</i> , 2020, 102, . | 2.9 | 7 |
| 31 | 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. | 0.4 | 2 |
| 32 | 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. | 0.3 | 0 |
| 33 | $^{80}Se(n,\hat{I}^3)$ cross-section measurement at CERN n_TOF. <i>Journal of Physics: Conference Series</i> , 2020, 1668, 012001. | 0.4 | 1 |
| 34 | Review and new concepts for neutron-capture measurements of astrophysical interest. <i>Journal of Physics: Conference Series</i> , 2020, 1668, 012013. | 0.4 | 1 |
| 35 | Measurement of the $^{235}U(n,f)$ 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | Pairing-quadrupole interplay in the neutron-deficient tin nuclei: First lifetime measurements of low-lying states in $^{106,108}\text{Sn}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135474. | 4.1 | 16 |
| 39 | Corrigendum to "The s-process in the Nd-Pm-Sm region: Neutron activation of ^{147}Pm " [Phys. Lett. B 797C (2019) 134809]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135268. | 4.1 | 0 |
| 40 | Benchmarking the PreSPEC@GSI experiment for Coulex-multipolarimetry on the $\pi(p_{3/2}) \rightarrow \pi(p_{1/2})$ spin-flip transition in ^{85}Br . European Physical Journal A, 2020, 56, 1. nuclear structure in neutron-rich nuclei: Lifetime measurements of second | 2.5 | 4 |
| 41 | state in ^{85}Br . nuclear structure in neutron-rich nuclei: Lifetime measurements of second $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 88 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ | 2.9 | 14 |
| 42 | Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus ^{88}Ru . Physical Review Letters, 2020, 124, 062501. | 7.8 | 24 |
| 43 | Measurement of the $^{154}\text{Cd}(n, \hat{p}^3)$ cross section and its astrophysical implications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135405. | 4.1 | 12 |
| 44 | Preliminary results on the ^{233}U \hat{p}^3 -ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043. | 0.3 | 2 |
| 45 | Status and perspectives of the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2020, 239, 17001. | 0.3 | 3 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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. EPJ Web of Conferences, 2020, 239, 01019. | 0.3 | 0 |
| 49 | Laser-driven neutrons for time-of-flight experiments?. EPJ Web of Conferences, 2020, 239, 17012. | 0.3 | 0 |
| 50 | Study of the neutron-induced fission cross section of ^{237}Np at CERN's n_TOF facility over a wide energy range. EPJ Web of Conferences, 2020, 239, 05006. | 0.3 | 0 |
| 51 | The ^{154}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 |
| 52 | Study of photon strength functions of ^{241}Pu and ^{245}Cm from neutron capture measurements. EPJ Web of Conferences, 2020, 239, 01015. | 0.3 | 2 |
| 53 | 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 |
| 54 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Measurement of the ^{244}Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034. | 0.3 | 4 |
| 56 | 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 |
| 57 | Neutron capture cross section measurements of ^{241}Am at the n_TOF facility. EPJ Web of Conferences, 2020, 239, 01009. | 0.3 | 2 |
| 58 | Observation of a ^{134}La isomer in ^{235}U fission. EPJ Web of Conferences, 2020, 239, 01007. | 2.9 | 10 |
| 59 | Fission program at n_TOF. EPJ Web of Conferences, 2019, 211, 03006. | 0.3 | 1 |
| 60 | 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. | 0.3 | 3 |
| 61 | 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 |
| 62 | 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. | 2.9 | 13 |
| 63 | Isospin dependence of electromagnetic transition strengths among an isobaric triplet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134835. | 4.1 | 10 |
| 64 | Study of the photon strength functions and level density in the gamma decay of the n + ^{234}U reaction. EPJ Web of Conferences, 2019, 211, 02002. | 0.3 | 2 |
| 65 | 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. | 0.3 | 3 |
| 66 | The s-process in the Nd-Pm-Sm region: Neutron activation of ^{147}Pm . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134809. | 4.1 | 5 |
| 67 | Strong α -neutron emission from low-neutron unbound states in ^{134}La decays of the s-process nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134835. | 2.9 | 13 |
| 68 | Cross section measurements of $^{155,157}\text{Gd}(n, \gamma)^{\text{f}}_{\text{f}}$ induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1. | 2.5 | 23 |
| 69 | New spectroscopic information on ^{211}Po . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134835. | 2.9 | 9 |
| 70 | Effects of one valence proton on seniority and angular momentum of neutrons in neutron-rich ^{126}La isotopes. Physical Review C, 2019, 99, 014307. | 2.9 | 13 |
| 71 | ^{134}La -Ray position reconstruction in large monolithic $\text{LaCl}_3(\text{Ce})$ crystals with SiPM readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 931, 1-22. | 1.6 | 18 |
| 72 | Measurement of $^{73}\text{Ge}(n, \text{f})$ 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 |

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|----|--|-----|-----------|
| 73 | Commissioning of the BRIKEN detector for the measurement of very exotic ^{244}Cm and ^{246}Cm delayed neutron emitters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 925, 133-147. | 1.6 | 23 |
| 74 | First Compton imaging tests with i-TED. , 2019, , . | | 0 |
| 75 | Gamma-ray position reconstruction in large lanthanum-halide crystals with SiPM readout: analytical vs. neural-network algorithms. , 2019, , . | | 1 |
| 76 | Lifetime measurements in ^{52}Ti to study shell evolution toward $N=32$. Physical Review C, 2019, 100, . | 2.9 | 14 |
| 77 | Improving Nuclear Data Input for r-Process Calculations Around $A \sim 80$. Springer Proceedings in Physics, 2019, , 453-456. | 0.2 | 0 |
| 78 | Measurement of the ^{244}Cm and ^{246}Cm Neutron-Induced Cross Sections at the n_TOF Facility. Springer Proceedings in Physics, 2019, , 117-122. | 0.2 | 0 |
| 79 | Data for the s Process from n_TOF. Springer Proceedings in Physics, 2019, , 63-70. | 0.2 | 1 |
| 80 | Characterization and First Test of an i-TED Prototype at CERN n_TOF. Springer Proceedings in Physics, 2019, , 169-173. | 0.2 | 0 |
| 81 | $^{7}\text{Be}(n,p)^{7}\text{Li}$ 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 |
| 82 | Preparation and characterization of ^{33}S samples for $^{33}\text{S}(n,\gamma)^{34}\text{S}$ radiative neutron capture on 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 |
| 83 | 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 |
| 84 | Study of isomeric states in $^{198,200,202,206}\text{Pb}$ and ^{206}Hg populated in fragmentation reactions. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 035105. | 3.6 | 5 |
| 85 | 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 |
| 86 | Gamma-ray imaging system for real-time measurements in nuclear waste characterisation. Journal of Instrumentation, 2018, 13, P03016-P03016. | 1.2 | 13 |
| 87 | Measuring neutron capture rates on ILL-produced unstable isotopes (^{147}Pm , ^{171}Tm and ^{204}Tl , and plans) Tj ETQq1 1 0.784314 rgBT | 0.3 | 0 |
| 88 | Pseudospin Symmetry and Microscopic Origin of Shape Coexistence in the ^{78}Ni Region: A Hint from Lifetime Measurements. Physical Review Letters, 2018, 121, 192502. | 7.8 | 20 |
| 89 | Ion implant- β -decay correlation half-lives in a pulsed beam for isotopes beyond $N=126$. Journal of Physics: Conference Series, 2018, 940, 012019. | 0.4 | 0 |
| 90 | 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. | 0.3 | 1 |

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|-----|--|-----|-----------|
| 109 | Neutron Capture Cross Sections of the s-Process Branching Points ^{147}Pm , ^{171}Tm , and ^{204}Tl . , 2017, , . | | 2 |
| 110 | The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014. | 0.3 | 1 |
| 111 | $^7\text{Be}(n,\hat{1}\pm)$ 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. | 0.3 | 1 |
| 112 | The ^{236}U neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054. | 0.3 | 1 |
| 113 | Characterization of the n_TOF EAR-2 neutron beam. EPJ Web of Conferences, 2017, 146, 03020. | 0.3 | 1 |
| 114 | High accuracy $^{234}\text{U}(n,f)$ cross section in the resonance energy region. EPJ Web of Conferences, 2017, 146, 04057. | 0.3 | 1 |
| 115 | The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002. | 0.3 | 2 |
| 116 | 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. | 0.3 | 1 |
| 117 | The n_TOF facility: Neutron beams for challenging future measurements at CERN. EPJ Web of Conferences, 2017, 146, 03001. | 0.3 | 1 |
| 118 | Dissemination of data measured at the CERN n_TOF facility. EPJ Web of Conferences, 2017, 146, 07002. | 0.3 | 3 |
| 119 | High precision measurement of the radiative capture cross section of ^{238}U at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11028. | 0.3 | 0 |
| 120 | Time-of-flight and activation experiments on ^{147}Pm and ^{171}Tm for astrophysics. EPJ Web of Conferences, 2017, 146, 01007. | 0.3 | 0 |
| 121 | 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. | 0.3 | 3 |
| 122 | Measurement of the heaviest $\hat{1}^2$ -delayed 2-neutron emitter: ^{136}Sb . EPJ Web of Conferences, 2017, 146, 01005. | 0.3 | 0 |
| 123 | Commissioning of the BRIKEN beta-delayed neutron detector for the study of exotic neutron-rich nuclei. EPJ Web of Conferences, 2017, 165, 01051. | 0.3 | 1 |
| 124 | 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 |
| 125 | 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. EPJ Web of Conferences, 2017, 146, 11021. | 0.3 | 7 |
| 126 | Measurement of the ^{241}Am neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022. | 0.3 | 1 |

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|-----|---|-----|-----------|
| 127 | First Evidence of Multiple β -delayed Neutron Emission for Isotopes with $A > 100$. Acta Physica Polonica B, 2017, 48, 517. | 0.8 | 1 |
| 128 | The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001. | 0.3 | 3 |
| 129 | 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. | 0.3 | 2 |
| 130 | High accuracy $^{235}\text{U}(n,f)$ data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003. | 0.3 | 7 |
| 131 | Experiments with neutron beams for the astrophysical s -process. Journal of Physics: Conference Series, 2016, 665, 012020. | 0.4 | 2 |
| 132 | Measurement of very low $(\hat{\Gamma}, n)$ cross sections of astrophysical interest. Journal of Physics: Conference Series, 2016, 665, 012031. | 0.4 | 1 |
| 133 | Approaching the precursor nuclei of the third r -process peak with RIBs. Journal of Physics: Conference Series, 2016, 665, 012045. | 0.4 | 3 |
| 134 | Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1. | 2.6 | 26 |
| 135 | Conceptual design of the early implementation of the NEutron Detector Array (NEDA) with AGATA. European Physical Journal A, 2016, 52, 1. | 2.5 | 23 |
| 136 | First tests of the applicability of $\hat{\Gamma}$ -ray imaging for background discrimination in time-of-flight neutron capture measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 823, 107-119. | 1.6 | 13 |
| 137 | First Measurement of Several $\hat{\Gamma}$ -ray Emission from ^{7}Be and ^{12}C at CERN n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 823, 107-119. | 7.8 | 94 |
| 138 | First Measurement of Several $\hat{\Gamma}$ -ray Emission from ^{12}C and ^{13}C at CERN n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 823, 107-119. | 7.8 | 47 |
| 139 | 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, 014607. | 2.9 | 11 |
| 140 | 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 |
| 141 | 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 |
| 142 | i-TED: A novel concept for high-sensitivity $(n, \hat{\Gamma})$ cross-section measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 825, 78-86. | 1.6 | 28 |
| 143 | Experimental setup and procedure for the measurement of the $^{7}\text{Be}(n, \hat{\Gamma})^{\pm}$ 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 |
| 144 | Study of accuracy in the position determination with SALSA, a $\hat{\Gamma}$ -scanning system for the characterization of segmented HPGe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 823, 98-106. | 1.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Characterization of a neutron β -beta 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. | 1.6 | 38 |
| 146 | Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214. | | 1 |
| 147 | Beta-delayed Neutron Emission: First Measurements in the Heavy Mass Region and Future Prospects. Acta Physica Polonica B, 2016, 47, 729. | 0.8 | 0 |
| 148 | Experimental neutron capture data of ^{58}Ni from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009. | 0.3 | 0 |
| 149 | High-accuracy determination of the ^{238}U β -decay of ^{238}U β -decays | 2.9 | 31 |
| 150 | Conceptual design of the TRACE detector readout using a compact, dead time-less analog memory ASIC. | 2.9 | 24 |
| 151 | Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 800, 34-39. | 1.6 | 13 |
| 152 | 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 |
| 153 | The nucleosynthesis of heavy elements in Stars: the key isotope ^{25}Mg . EPJ Web of Conferences, 2014, 66, 07016. | 0.3 | 1 |
| 154 | Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001. | 0.3 | 2 |
| 155 | Neutron cross-sections for advanced nuclear systems: the n_TOF project at CERN. EPJ Web of Conferences, 2014, 79, 01003. | 0.3 | 0 |
| 156 | Measurement of astrophysically important excitation energies of ^{58}Zn with GREINA. EPJ Web of Conferences, 2014, 66, 07013. | 0.3 | 0 |
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