# JosÃ© Manuel Quesada Molina

List of Publications by Year
in descending order



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|---|---|---|---|
| 238 papers | 6,163 citations | 117625 34 h-index | 79698 73 g-index |
| 256 all docs | 256 docs citations | 256 times ranked | 8922 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | First <sup>80</sup>Se(n,Î³) 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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>92</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi> and ( <mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 687 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi></mml:mrow></mml:mmultiscripts><mml:mi mathvariant="normal">f</mml:mi></mml:mrow> reaction at the n_TOF/EAR2 facility in the 9 meV–6 MeV range. Physical Review C, 2020, 102, . | 2.9 | 2 |
| 3 | Constraints on the dipole photon strength for the odd uranium isotopes. Physical Review C, 2022, 105, . | 2.9 | 1 |
| 4 | Report on G4â€Med, a Geant4 benchmarking system for medical physics applications developed by the Geant4 Medical Simulation Benchmarking Group. Medical Physics, 2021, 48, 19-56. | 3.0 | 92 |
| 5 | Energy Deposition by Cosmic Rays in the Molecular Cloud Using GEANT4 Code and Voyager I Data. Astrophysical Journal, 2021, 911, 129. | 4.5 | 5 |
| 6 | Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>72</mml:mn></mml:msup><mml:mi>Ge</mml:mi><mml:mn>(</mml:mn><mml:mrow><mml:mi>n</mml:mi><mml:mo>,</mml:mo> cross section over a wide neutron energy range at the CERN n_TOF facility. Physical Review C, 2021, 103, . | 2.9 | 5 |
| 7 | Nucleon scattering analysis with a lane-consistent dispersive optical potential for Hf, W and Ta isotopes. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 075101. | 3.6 | 1 |
| 8 | An impact of Jacques Raynal on nuclear data evaluation. European Physical Journal A, 2021, 57, 1. | 2.5 | 1 |
| 9 | 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 |
| 10 | Destruction of the cosmic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray emitter <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Al</mml:mi><mml:mprescripts /><mml:none /><mml:mn>26</mml:mn></mml:mmultiscripts></mml:math> in massive stars: Study of the key <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Al</mml: | 2.9 | 10 |
| 11 | Destruction of the cosmic Î³-ray emitter Al26 in massive stars: Study of the key Al26(n,Î±) reaction. Physical Review C, 2021, 104, . | 2.9 | 6 |
| 12 | Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi> cross section at the n_TOF facility at CERN. Physical Review C, 2021, 104, . | 2.9 | 3 |
| 13 | Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Tm</mml:mi></mml:mrow><mml:mprescripts /> -Process Branching Point | 7.6 | 21 |
| 14 | Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> ratio and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo> cross section of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="norm | 2.9 | 1 |
| 15 | Measurement and analysis of 155,157Gd(n,Î³) from thermal energy to 1 keV. EPJ Web of Conferences, 2020, 239, 01041. | 0.3 | 0 |
| 16 | Monte Carlo simulations and n-p differential scattering data measured with Proton Recoil Telescopes. EPJ Web of Conferences, 2020, 239, 01024. | 0.3 | 5 |
| 17 | Investigation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>240</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>f</mml:mi> reaction at the n_TOF/EAR2 facility in the 9 meV–6 MeV range. Physical Review C, 2020, 102, . | 2.9 | 7 |
| 18 | Simulation of Cosmic Radiation Transport Inside Aircraft for Safety Applications. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3462-3475. | 4.7 | 3 |

| # | Article | IF | Citations |
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| 19 | Neutron capture measurement at the n TOF facility of the 204Tl and 205Tl s-process branching points. Journal of Physics: Conference Series, 2020, 1668, 012005. | 0.4 | 2 |
| 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 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 | Dispersive optical model description of nucleon scattering on Pb and Bi isotopes. Physical Review C, 2020, 101, . | 2.9 | 5 |
| 23 | Preliminary results on the 233U Î±-ratio measurement at n_TOF. EPJ Web of Conferences, 2020, 239, 01043. | 0.3 | 2 |
| 24 | First results of the 230Th(n,f) cross section measurements at the CERN n_TOF facility. EPJ Web of Conferences, 2020, 239, 05004. | 0.3 | 0 |
| 25 | Accurate measurement of the standard 235U(n,f) cross section from thermal to 170 keV neutron energy. EPJ Web of Conferences, 2020, 239, 08002. | 0.3 | 0 |
| 26 | Measurement of the 242Pu(n, Î³) cross section from thermal to 500 keV at the Budapest research reactor and CERN n_TOF-EAR1 facilities. EPJ Web of Conferences, 2020, 239, 01019. | 0.3 | 0 |
| 27 | The 154Gd neutron capture cross section measured at the n_TOF facility and its astrophysical implications. EPJ Web of Conferences, 2020, 239, 07003. | 0.3 | 0 |
| 28 | Study of photon strength functions of241Pu and245Cm from neutron capture measurements. EPJ Web of Conferences, 2020, 239, 01015. | 0.3 | 2 |
| 29 | Measurement of the energy-differential cross-section of the 12C(n,p)12B and 12C(n,d)11B reactions at the n_TOF facility at CERN. EPJ Web of Conferences, 2020, 239, 01045. | 0.3 | 0 |
| 30 | First results of the 241Am(n,f) cross section measurement at the Experimental Area 2 of the n_TOF facility at CERN. EPJ Web of Conferences, 2020, 239, 05014. | 0.3 | 0 |
| 31 | Measurement of the<sup>244</sup>Cm capture cross sections at both CERN n_TOF experimental areas. EPJ Web of Conferences, 2020, 239, 01034. | 0.3 | 4 |
| 32 | Measurement of the 244Cm and 246Cm neutron-induced capture cross sections at the n_TOF facility. EPJ Web of Conferences, 2019, 211, 03008. | 0.3 | 3 |
| 33 | Measurement of the 235U(n, f) cross section relative to the 6Li(n, t) and 10B(n,$ alpha$) standards from thermal to 170 keV neutron energy range at n_TOF. European Physical Journal A, 2019, 55, 1. | 2.5 | 20 |
| 34 | Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>70</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi></mml:mrow></mml:math> cross section up to 300 keV at the CERN n_TOF facility. Physical Review C, 2019, 100, . | 2.9 | 13 |
| 35 | Study of the photon strength functions and level density in the gamma decay of the n + 234U reaction. EPJ Web of Conferences, 2019, 211, 02002. | 0.3 | 2 |
| 36 | Preliminary results on the 233U capture cross section and alpha ratio measured at n_TOF (CERN) with the fission tagging technique. EPJ Web of Conferences, 2019, 211, 03007. | 0.3 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Cross section measurements of 155,157Gd(n,$gamma$Î³) induced by thermal and epithermal neutrons. European Physical Journal A, 2019, 55, 1. | 2.5 | 23 |
| 38 | Analysis of neutron bound states of 208Pb by a dispersive optical model potential. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 055103. | 3.6 | 4 |
| 39 | Improved 242Pu(n,$ gamma$) thermal cross section combining activation and prompt gamma analysis. European Physical Journal A, 2019, 55, 1. | 2.5 | 1 |
| 40 | Measurement of the $$^{244}$$ 244 Cm and $$^{246}$$ 246 Cm Neutron-Induced Cross Sections at the n_TOF Facility. Springer Proceedings in Physics, 2019, , 117-122. | 0.2 | 0 |
| 41 | $$^{7}$$ Be(n,p) $$^{7}$$ Li Cross Section Measurement for the Cosmological Lithium Problem at the n $$_$$ TOF Facility at CERN. Springer Proceedings in Physics, 2019, , 25-32. | 0.2 | 0 |
| 42 | Maxwellian Neutron Spectrum generation and Stellar Cross-Section measurements: measurement of the <sup>197</sup>Au(n,?) MACS.. Journal of Physics: Conference Series, 2018, 940, 012044. | 0.4 | 1 |
| 43 | Radiative neutron capture on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>242</mml:mn></mml:mmultiscripts></mml:math> in the resonance region at the CERN n_TOF-EAR1 facility. Physical Review C, 2018, 97, . | 2.9 | 21 |
| 44 | Analysis of the angular distribution of cosmic-ray-induced particles in the atmosphere based on Monte Carlo simulations including the influence of the Earth's magnetic field. Astroparticle Physics, 2018, 97, 106-117. | 4.3 | 5 |
| 45 | Measurement of the radiative capture cross section of the s-process branching points 204Tl and 171Tm at the n_TOF facility (CERN). EPJ Web of Conferences, 2018, 178, 03004. | 0.3 | 1 |
| 46 | First Measurement of 72Ge(n, Î³) at n_TOF. EPJ Web of Conferences, 2018, 184, 02005. | 0.3 | 0 |
| 47 | Measurement and analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Am</mml:mi><mml:mprescripts /><mml:none /><mml:mn>241</mml:mn></mml:mmultiscripts></mml:math>neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2018, 97, . | 2.9 | 9 |
| 48 | DOSE EFFECT OF THE 33S(n,Î±) 30SI REACTION IN BNCT USING THE NEW n_TOF-CERN DATA. Radiation Protection Dosimetry, 2018, 180, 342-345. | 0.8 | 2 |
| 49 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Be</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>p</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgB | 7.8 | 58 |
| 50 | Measurement and resonance analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">S</mml:mi><mml:mprescripts /><mml:none /><mml:mn>33</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml:mi><mml:mprescripts /><mml:none /><mml:mn>30</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> cross section at the CERN n_TOF facility in the ener. Physical Review C, 2018, 97, . | 2.9 | 8 |
| 51 | Neutron spectroscopy of 26Mg states: Constraining the stellar neutron source 22Ne(Î±,n)25Mg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 1-6. | 4.1 | 32 |
| 52 | Neutron capture cross section measurement ofU238at the CERN n_TOF facility in the energy region from 1 eV to 700 keV. Physical Review C, 2017, 95, . | 2.9 | 12 |
| 53 | Extensive air shower Monte Carlo modeling at the ground and aircraft flight altitude in the South Atlantic Magnetic Anomaly and comparison with neutron measurements. Astroparticle Physics, 2017, 88, 17-29. | 4.3 | 6 |
| 54 | High-accuracy determination of the neutron flux in the new experimental area n_TOF-EAR2 at CERN. European Physical Journal A, 2017, 53, 1. | 2.5 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Soft error rate comparison of 6T and 8T SRAM ICs using mono-energetic proton and neutron irradiation sources. Microelectronics Reliability, 2017, 78, 38-45. | 1.7 | 18 |
| 56 | Measurement of the U238(n,Î³) cross section up to 80 keV with the Total Absorption Calorimeter at the CERN n_TOF facility. Physical Review C, 2017, 96, . | 2.9 | 8 |
| 57 | Predicting the optical observables for nucleon scattering on even-even actinides. Chinese Physics C, 2017, 41, 094105. | 3.7 | 2 |
| 58 | Prospects for direct neutron capture measurements on s-process branching point isotopes. European Physical Journal A, 2017, 53, 1. | 2.5 | 9 |
| 59 | Optical model with multiple band couplings using soft rotator structure. EPJ Web of Conferences, 2017, 146, 12031. | 0.3 | 4 |
| 60 | The Nuclear Astrophysics program at n_TOF (CERN). EPJ Web of Conferences, 2017, 165, 01014. | 0.3 | 1 |
| 61 | The 236U neutron capture cross-section measured at the n_TOF CERN facility. EPJ Web of Conferences, 2017, 146, 11054. | 0.3 | 1 |
| 62 | The measurement programme at the neutron time-of-flight facility n_TOF at CERN. EPJ Web of Conferences, 2017, 146, 11002. | 0.3 | 2 |
| 63 | New measurement of the 242Pu(n,Î³) cross section at n_TOF-EAR1 for MOX fuels: Preliminary results in the RRR. EPJ Web of Conferences, 2017, 146, 11045. | 0.3 | 1 |
| 64 | Description of nucleon scattering on 208Pb by a fully Lane-consistent dispersive spherical optical model potential. EPJ Web of Conferences, 2017, 146, 12010. | 0.3 | 4 |
| 65 | Saturation of coupling of collective levels in optical model calculations of even-even actinides. EPJ Web of Conferences, 2017, 146, 12013. | 0.3 | 1 |
| 66 | Measurement of the neutron capture cross section of the fissile isotope 235U with the CERN n_TOF total absorption calorimeter and a fission tagging based on micromegas detectors. EPJ Web of Conferences, 2017, 146, 11021. | 0.3 | 7 |
| 67 | Measurement of the 241Am neutron capture cross section at the n_TOF facility at CERN. EPJ Web of Conferences, 2017, 146, 11022. | 0.3 | 1 |
| 68 | New measurement of the242Pu(n,Î³) cross section at n_TOF. EPJ Web of Conferences, 2016, 111, 02005. | 0.3 | 4 |
| 69 | The CERN n_TOF facility: a unique tool for nuclear data measurement. EPJ Web of Conferences, 2016, 122, 05001. | 0.3 | 3 |
| 70 | A Lane consistent optical model potential for nucleon scattering on actinide nuclei with extended coupling. EPJ Web of Conferences, 2016, 111, 03004. | 0.3 | 2 |
| 71 | Towards the high-accuracy determination of the238U fission cross section at the threshold region at CERN â€“ n_TOF. EPJ Web of Conferences, 2016, 111, 02002. | 0.3 | 2 |
| 72 | High accuracy235U(n,f) data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003. | 0.3 | 7 |

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| 73 | Experiments with neutron beams for the astrophysicalsprocess. Journal of Physics: Conference Series, 2016, 665, 012020. | 0.4 | 2 |
| 74 | Recent developments in Geant4. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 835, 186-225. | 1.6 | 2,327 |
| 75 | Nuclear data activities at the n_TOF facility at CERN. European Physical Journal Plus, 2016, 131, 1. | 2.6 | 26 |
| 76 | Nucleon scattering on actinides using a dispersive optical model with extended couplings. Physical Review C, 2016, 94, . | 2.9 | 30 |
| 77 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Be</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mrow><mml:mi>n</mml:mi></mml:mrow><mml:mo>,</mml:mo><mml:mrow><mml:mi>Î±</mml:mi | 7.8 | 94 |
| 78 | Neutron-induced fission cross section of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Np</mml:mi><mml:mprescripts /><mml:none /><mml:mn>237</mml:mn></mml:mmultiscripts></mml:math>in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, . | 2.9 | 11 |
| 79 | Fission Fragment Angular Distribution measurements of235U and238U at CERN n_TOF facility. EPJ Web of Conferences, 2016, 111, 10002. | 0.3 | 14 |
| 80 | Geant4 simulation of the n_TOF-EAR2 neutron beam: Characteristics and prospects. European Physical Journal A, 2016, 52, 1. | 2.5 | 15 |
| 81 | Integral measurement of the 12C(n, p)12B reaction up to 10 GeV. European Physical Journal A, 2016, 52, 1. | 2.5 | 9 |
| 82 | Experimental setup and procedure for the measurement of the 7Be(n,Î±)Î± reaction at n_TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 197-205. | 1.6 | 21 |
| 83 | Measurement of the 33 S(n,Î±) cross-section at n_TOF(CERN): Applications to BNCT. Reports of Practical Oncology and Radiotherapy, 2016, 21, 113-116. | 0.6 | 6 |
| 84 | Geant4 Simulations for the Analysis of (n, $$gamma $$ Î³ ) Measurements at n_TOF. Springer Proceedings in Physics, 2016, , 209-210. | 0.2 | 0 |
| 85 | Nuclear Data for the Thorium Fuel Cycle and the Transmutation of Nuclear Waste. , 2016, , 207-214. | | 1 |
| 86 | Determination of the cosmic-ray-induced neutron flux and ambient dose equivalent at flight altitude. Journal of Physics: Conference Series, 2015, 630, 012022. | 0.4 | 2 |
| 87 | Experimental neutron capture data of 58Ni from the CERN n_TOF facility. EPJ Web of Conferences, 2015, 93, 02009. | 0.3 | 0 |
| 88 | GEANT4 simulations of the n_TOF spallation source and their benchmarking. European Physical Journal A, 2015, 51, 1. | 2.5 | 24 |
| 89 | 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 |
| 90 | The nucleosynthesis of heavy elements in Stars: the key isotope25Mg. EPJ Web of Conferences, 2014, 66, 07016. | 0.3 | 1 |

| # | Article | IF | Citations |
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| 91 | Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001. | 0.3 | 2 |
| 92 | 238U(n,Î³) reaction cross section measurement with C6D6detectors at the n_TOF CERN facility.. EPJ Web of Conferences, 2014, 66, 03061. | 0.3 | 1 |
| 93 | Experimental neutron capture data of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>58</mml:mn></mml:msup></mml:math>Ni from the CERN n_TOF facility. Physical Review C, 2014, 89, . | 2.9 | 28 |
| 94 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>62</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none. Physical Review C, 2014, 89, . | 2.9 | 31 |
| 95 | Measurement of the12C(n,p)12Bcross section at n_TOF at CERN by in-beam activation analysis. Physical Review C, 2014, 90, . | 2.9 | 14 |
| 96 | Influence of clouds on the cosmic radiation dose rate on aircraft. Radiation Protection Dosimetry, 2014, 161, 279-283. | 0.8 | 1 |
| 97 | 33S as a cooperative capturer for BNCT. Applied Radiation and Isotopes, 2014, 88, 203-205. | 1.5 | 8 |
| 98 | Measurement and analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mn>241</mml:mn></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (xmlns:mml="http://www.w | 2.9 | 23 |
| 99 | Neutron-induced fission cross section ofU234measured at the CERN n_TOF facility. Physical Review C, 2014, 89, . | 2.9 | 14 |
| 100 | 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 |
| 101 | Measurement and analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>243</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 90, . | 2.9 | 26 |
| 102 | Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204. | 2.2 | 2 |
| 103 | The (n, Î±) Reaction in the s-process Branching Point 59Ni. Nuclear Data Sheets, 2014, 120, 208-210. | 2.2 | 14 |
| 104 | Measurement of the MACS of 159Tb(n, Î³) at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>k</mml:mi><mml:mi>T</mml:mi><mml:mo>=</mml:mo><mml:mn>30</mml:mn><mml:mtext> keV</mml:mtext></mml:math> by Activation. Nuclear Data Sheets, 2014, 120, 205-207. | 2.2 | 15 |
| 105 | 33S for Neutron Capture Therapy: Nuclear Data for Monte Carlo Calculations. Nuclear Data Sheets, 2014, 120, 246-249. | 2.2 | 9 |
| 106 | Performance of the reconstruction algorithms of the FIRST experiment pixel sensors vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 34-40. | 1.6 | 13 |
| 107 | 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 |
| 108 | Current quests in nucleosynthesis: present and future neutron-induced reaction measurements. EPJ Web of Conferences, 2014, 66, 07022. | 0.3 | 1 |

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|---|---|---|---|
| 109 | High-accuracy determination of the neutron flux at n_TOF. European Physical Journal A, 2013, 49, 1. | 2.5 | 71 |
| 110 | Performance of the neutron time-of-flight facility n_TOF at CERN. European Physical Journal A, 2013, 49, 1. | 2.5 | 205 |
| 111 | Measurement of the neutron-induced fission cross-section of 241Am at the time-of-flight facility n_TOF. European Physical Journal A, 2013, 49, 1. | 2.5 | 9 |
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