

Carlos Paradela

List of Publications by Year in descending order

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23
papers

341
citations

1040056

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38
docs citations

38
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron Capture Cross Section Measurement of Sm-151 at the CERN Neutron Time of Flight Facility (n_TOF). <i>Physical Review Letters</i> , 2004, 93, 161103.	7.8	65
2	Advanced nuclear energy systems and the need of accurate nuclear data: the n_TOF project at CERN. <i>Energy and Environmental Science</i> , 2010, 3, 1910.	30.8	55
3	Isotopic production cross sections of the residual nuclei in spallation reactions induced by ¹³⁶ Xe projectiles on proton at 500 A·MeV. <i>Nuclear Physics A</i> , 2013, 899, 116-132.	1.5	31
4	Studies on fission with ALADIN. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	26
5	The (n, $\hat{1}\pm$) Reaction in the s-process Branching Point ⁵⁹ Ni. <i>Nuclear Data Sheets</i> , 2014, 120, 208-210.	2.2	14
6	$\hat{1}^2$ -decay and $\hat{1}^2$ -delayed Neutron Emission Measurements at GSI-FRS Beyond $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 126 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$, for r-process Nucleosynthesis. <i>Nuclear Data Sheets</i> , 2014, 120, 81-83.	2.2	10
7	Measurement of the ¹⁵¹ Sm(n, $\hat{1}^3$) ¹⁵² Sm cross section at n_TOF. <i>Nuclear Physics A</i> , 2005, 758, 533-536.	1.5	7
8	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. <i>Nuclear Physics A</i> , 2005, 758, 501-504.	1.5	7
9	Neutron reactions and nuclear cosmo-chronology. <i>Progress in Particle and Nuclear Physics</i> , 2007, 59, 165-173.	14.4	7
10	Neutron cross-sections for next generation reactors: New data from n_TOF. <i>Applied Radiation and Isotopes</i> , 2010, 68, 643-646.	1.5	7
11	Structural design of an RPC-based time-of-flight wall for ions (iTOF) for the R3B-FAIR experiment. <i>Journal of Instrumentation</i> , 2012, 7, P11015-P11015.	1.2	4
12	Past, Present and Future of the n_TOF Facility at CERN. <i>Journal of the Korean Physical Society</i> , 2011, 59, 1620-1623.	0.7	4
13	Measurements of the ^{90,91,92,94,96} Zr(n, $\hat{1}^3$) cross-sections at n_TOF. <i>Nuclear Physics A</i> , 2005, 758, 573-576.	1.5	2
14	Neutron cross section measurements at n-TOF for ADS related studies. <i>Journal of Physics: Conference Series</i> , 2006, 41, 352-360.	0.4	2
15	Criticality experiments for validation of cross sections: The neptunium case. <i>Annals of Nuclear Energy</i> , 2013, 54, 36-42.	1.8	2
16	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). <i>EPJ Web of Conferences</i> , 2014, 66, 10001.	0.3	2
17	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. <i>Nuclear Data Sheets</i> , 2014, 120, 201-204.	2.2	2
18	LaBr ₃ $\hat{1}^3$ -ray spectrometer for detecting ¹⁰ B in debris of melted nuclear fuel. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 837, 153-160.	1.6	2

#	ARTICLE	IF	CITATIONS
19	SINRD validation experiments at the time-of-flight facility GELINA. Annals of Nuclear Energy, 2017, 102, 368-375.	1.8	1
20	Characterization of melted fuel by neutron resonance spectroscopy. , 2015, , .		0
21	Neutron nuclear data measurements for criticality safety. EPJ Web of Conferences, 2017, 146, 11020.	0.3	0
22	The Role of Fe and Ni for S-Process Nucleosynthesis and Innovative Nuclear Technologies. Journal of the Korean Physical Society, 2011, 59, 2106-2109.	0.7	0
23	Characterization of the New n_TOF Neutron Beam: Fluence, Profile and Resolution. Journal of the Korean Physical Society, 2011, 59, 1624-1627.	0.7	0