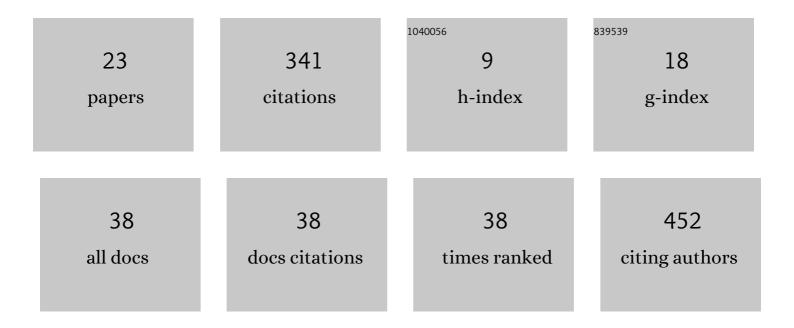
## **Carlos Paradela**

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	SINRD validation experiments at the time-of-flight facility GELINA. Annals of Nuclear Energy, 2017, 102, 368-375.	1.8	1
2	Neutron nuclear data measurements for criticality safety. EPJ Web of Conferences, 2017, 146, 11020.	0.3	0
3	LaBr3 Î <sup>3</sup> -ray spectrometer for detecting 10B in debris of melted nuclear fuel. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 837, 153-160.	1.6	2
4	Characterization of melted fuel by neutron resonance spectroscopy. , 2015, , .		0
5	Studies on fission with ALADIN. European Physical Journal A, 2015, 51, 1.	2.5	26
6	Measurements of neutron cross sections for advanced nuclear energy systems at n_TOF (CERN). EPJ Web of Conferences, 2014, 66, 10001.	0.3	2
7	Neutron Capture Reactions on Fe and Ni Isotopes for the Astrophysical s-process. Nuclear Data Sheets, 2014, 120, 201-204.	2.2	2
8	The (n, $\hat{I}_{\pm}$ ) Reaction in the s-process Branching Point 59Ni. Nuclear Data Sheets, 2014, 120, 208-210.	2.2	14
9	Î <sup>2</sup> -decay and Î <sup>2</sup> -delayed Neutron Emission Measurements at GSI-FRS Beyond <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"&gt;<mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>126</mml:mn>, for r-process Nucleosynthesis. Nuclear Data Sheets. 2014. 120. 81-83.</mml:math 	2.2	10
10	Criticality experiments for validation of cross sections: The neptunium case. Annals of Nuclear Energy, 2013, 54, 36-42.	1.8	2
11	Isotopic production cross sections of the residual nuclei in spallation reactions induced by 136Xe projectiles on proton at 500 A MeV. Nuclear Physics A, 2013, 899, 116-132.	1.5	31
12	Structural design of an RPC-based time-of-flight wall for ions (iTOF) for the R3B-FAIR experiment. Journal of Instrumentation, 2012, 7, P11015-P11015.	1.2	4
13	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.7	4
14	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
15	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
16	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	1.5	7
17	Advanced nuclear energy systems and the need of accurate nuclear data: the n_TOF project at CERN. Energy and Environmental Science, 2010, 3, 1910.	30.8	55
18	Neutron reactions and nuclear cosmo-chronology. Progress in Particle and Nuclear Physics, 2007, 59, 165-173.	14.4	7

#	Article	IF	CITATIONS
19	Neutron cross section measurements at n-TOF for ADS related studies. Journal of Physics: Conference Series, 2006, 41, 352-360.	0.4	2
20	Measurement of the 151Sm(n,γ)152Sm cross section at n_TOF. Nuclear Physics A, 2005, 758, 533-536.	1.5	7
21	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. Nuclear Physics A, 2005, 758, 501-504.	1.5	7
22	Measurements of the 90,91,92,94,96Zr(n, $\hat{I}^3$ ) cross-sections at n_TOF. Nuclear Physics A, 2005, 758, 573-576.	1.5	2
23	Neutron Capture Cross Section Measurement ofSm151at the CERN Neutron Time of Flight Facility (n_TOF). Physical Review Letters, 2004, 93, 161103.	7.8	65