

Sofia Cristofaro

List of Publications by Year in descending order

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171
citing authors

#	ARTICLE	IF	CITATIONS
1	First operations with caesium of the negative ion source SPIDER. Nuclear Fusion, 2022, 62, 086022.	3.5	46
2	Negative Hydrogen and Deuterium Ion Density in a Low Pressure Plasma in Front of a Converter Surface at Different Work Functions. Plasma, 2021, 4, 94-107.	1.8	7
3	SPIDER Cs Ovens functional tests. Fusion Engineering and Design, 2021, 167, 112331.	1.9	8
4	On the road to ITER NBIs: SPIDER improvement after first operation and MITICA construction progress. Fusion Engineering and Design, 2021, 168, 112622.	1.9	44
5	Interpreting the dynamic equilibrium during evaporation in a cesium environment. Review of Scientific Instruments, 2020, 91, 013332.	1.3	6
6	First operation in SPIDER and the path to complete MITICA. Review of Scientific Instruments, 2020, 91, 023510.	1.3	45
7	Correlation of Cs flux and work function of a converter surface during long plasma exposure for negative ion sources in view of ITER. Plasma Research Express, 2020, 2, 035009.	0.9	28
8	Effect of a low pressure low temperature hydrogen plasma on the work function of europium. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, 063002.	2.1	1
9	Design and comparison of the Cs ovens for the test facilities ELISE and SPIDER. Review of Scientific Instruments, 2019, 90, 113504.	1.3	14
10	Laser absorption spectroscopy studies to characterize Cs oven performances for the negative ion source SPIDER. Journal of Instrumentation, 2019, 14, C12011-C12011.	1.2	9
11	Simultaneous measurements of work function and H ⁺ density including caesiation of a converter surface. AIP Conference Proceedings, 2017, , .	0.4	9