

# Federica Bonomo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9679715/publications.pdf>

Version: 2024-02-01

12  
papers

271  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards large and powerful radio frequency driven negative ion sources for fusion. New Journal of Physics, 2017, 19, 015001.	2.9	98
2	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
3	Achievement of ITER-relevant accelerated negative hydrogen ion current densities over 1000â€‰%s at the ELISE test facility. Nuclear Fusion, 2019, 59, 084001.	3.5	28
4	Latest achievements of the negative ion beam test facility ELISE. Fusion Engineering and Design, 2018, 136, 569-574.	1.9	25
5	NNBI for ITER: status of long pulses in deuterium at the test facilities BATMAN Upgrade and ELISE. Nuclear Fusion, 2021, 61, 096023.	3.5	19
6	First negative ion beam measurement by the Short-Time Retractable Instrumented Kalorimeter Experiment (STRIKE). Review of Scientific Instruments, 2014, 85, 02A736.	1.3	15
7	Beamlet scraping and its influence on the beam divergence at the BATMAN Upgrade test facility. Review of Scientific Instruments, 2020, 91, 013509.	1.3	11
8	Long pulse operation at ELISE: Approaching the ITER parameters. AIP Conference Proceedings, 2018, , .	0.4	10
9	First beam extraction experiments at BATMAN upgrade. AIP Conference Proceedings, 2018, , .	0.4	8
10	Design and first results of a retractable 1D-CFC beam target for BATMAN upgrade. Fusion Engineering and Design, 2021, 165, 112225.	1.9	5
11	Beam formation and transport in the BATMAN Upgrade test facility. Fusion Engineering and Design, 2020, 153, 111507.	1.9	4
12	Long-pulse diagnostic calorimeter for the negative ion source testbed BATMAN upgrade. Review of Scientific Instruments, 2021, 92, 023504.	1.3	4