

# Jack Lovell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2186476/publications.pdf>

Version: 2024-02-01

9  
papers

132  
citations

1307594  
7  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of new MAST physics in anticipation of first results from MAST Upgrade. Nuclear Fusion, 2019, 59, 112011.	3.5	30
2	Electron temperature and heat load measurements in the COMPASS divertor using the new system of probes. Nuclear Fusion, 2017, 57, 116017.	3.5	27
3	Shattered pellet injection experiments at JET in support of the ITER disruption mitigation system design. Nuclear Fusion, 2022, 62, 026012.	3.5	25
4	Disruption thermal load mitigation with shattered pellet injection on the Joint European Torus (JET). Nuclear Fusion, 2021, 61, 126043.	3.5	13
5	Development of a tomographic reconstruction method for axisymmetric $D_{\pm}$ emission profiles in the ITER plasma boundary. Plasma Physics and Controlled Fusion, 2020, 62, 115014.	2.1	11
6	An FPGA-based bolometer for the MAST-U Super-X divertor. Review of Scientific Instruments, 2016, 87, 11E721.	1.3	10
7	Methods to determine the radiated power in SPI-mitigated disruptions in JET. Review of Scientific Instruments, 2021, 92, 023502.	1.3	8
8	The digital mirror Langmuir probe: Field programmable gate array implementation of real-time Langmuir probe biasing. Review of Scientific Instruments, 2019, 90, 083504.	1.3	5
9	A compact, smart Langmuir Probe control module for MAST-Upgrade. Journal of Instrumentation, 2017, 12, C11008-C11008.	1.2	3