

Arne Sahlberg

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

124
citations

1684188

5
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced performance in fusion plasmas through turbulence suppression by megaelectronvolt ions. <i>Nature Physics</i> , 2022, 18, 776-782.	16.7	36
2	Generation and observation of fast deuterium ions and fusion-born alpha particles in JET D^3He plasmas with the 3-ion radio-frequency heating scenario. <i>Nuclear Fusion</i> , 2020, 60, 124006.	3.5	34
3	Measuring fast ions in fusion plasmas with neutron diagnostics at JET. <i>Plasma Physics and Controlled Fusion</i> , 2019, 61, 014027.	2.1	23
4	High-resolution Liquid Alloy Patterning for Small Stretchable Strain Sensor Arrays. <i>Advanced Materials Technologies</i> , 2018, 3, 1700330.	5.8	20
5	Excitation of Alfvén eigenmodes by fusion-born alpha-particles in D^3He plasmas on JET. <i>Plasma Physics and Controlled Fusion</i> , 2022, 64, 064001.	2.1	6
6	Spatially resolved measurements of RF accelerated deuterons at JET. <i>Nuclear Fusion</i> , 2021, 61, 036025.	3.5	3
7	Component-wise deuterium-tritium fusion yield predictions with neutron emission spectrometry. <i>Nuclear Fusion</i> , 2019, 59, 126044.	3.5	2
8	Propagating transport-code input parameter uncertainties with deterministic sampling. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 125010.	2.1	0
9	Forward modeling of pile-up events in liquid scintillator detectors for neutron emission spectroscopy. <i>Review of Scientific Instruments</i> , 2021, 92, 083502.	1.3	0