

Jarrood Leddy

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

317
citations

1163117

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1199594

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13
all docs

13
docs citations

13
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the JET results in support to ITER. Nuclear Fusion, 2017, 57, 102001.	3.5	150
2	Hermes: global plasma edge fluid turbulence simulations. Plasma Physics and Controlled Fusion, 2017, 59, 054010.	2.1	54
3	Overview of progress in European medium sized tokamaks towards an integrated plasma-edge/wall solution. Nuclear Fusion, 2017, 57, 102014.	3.5	23
4	Influence of plasma turbulence on microwave propagation. Plasma Physics and Controlled Fusion, 2016, 58, 105008.	2.1	19
5	Simulation of the interaction between plasma turbulence and neutrals in linear devices. Nuclear Materials and Energy, 2017, 12, 994-998.	1.3	17
6	Overview of recent physics results from MAST. Nuclear Fusion, 2017, 57, 102007.	3.5	16
7	Resolving ECRH deposition broadening due to edge turbulence in DIII-D. Physics of Plasmas, 2021, 28, .	1.9	11
8	Application of machine learning and artificial intelligence to extend EFIT equilibrium reconstruction. Plasma Physics and Controlled Fusion, 2022, 64, 074001.	2.1	11
9	Influence of density fluctuations on the $O^{\alpha}X$ mode conversion and on microwave propagation. EPJ Web of Conferences, 2015, 87, 01003.	0.3	6
10	A novel flexible field-aligned coordinate system for tokamak edge plasma simulation. Computer Physics Communications, 2017, 212, 59-68.	7.5	4
11	On the validity of drift-reduced fluid models for tokamak plasma simulation. Plasma Physics and Controlled Fusion, 2015, 57, 125016.	2.1	3
12	Intrinsic suppression of turbulence in linear plasma devices. Plasma Physics and Controlled Fusion, 2017, 59, 125011.	2.1	3
13	Perturbing microwave beams by plasma density fluctuations. EPJ Web of Conferences, 2017, 147, 01001.	0.3	0