

# Jarrood Leddy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4546529/publications.pdf>

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13  
papers

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citations

1163117

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1199594

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docs citations

13  
times ranked

735  
citing authors

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