

Mike Dunne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4913880/publications.pdf>

Version: 2024-02-01

19
papers

446
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress from ASDEX Upgrade experiments in preparing the physics basis of ITER operation and DEMO scenario development. Nuclear Fusion, 2022, 62, 042006.	3.5	15
2	Gyrokinetic analysis of an argon-seeded EDA H-mode in ASDEX Upgrade. Journal of Plasma Physics, 2022, 88, .	2.1	3
3	Impact of the new TCV baffled divertor upgrade on pedestal structure and performance. Nuclear Materials and Energy, 2021, 26, 100933.	1.3	4
4	Overview of the isotope effects in the ASDEX Upgrade tokamak. Plasma Physics and Controlled Fusion, 2021, 63, 064006.	2.1	16
5	Microwave diagnostics damage by parametric decay instabilities during electron cyclotron resonance heating in ASDEX Upgrade. Plasma Physics and Controlled Fusion, 2021, 63, 095002.	2.1	18
6	Overview of physics studies on ASDEX Upgrade. Nuclear Fusion, 2019, 59, 112014.	3.5	38
7	Heat transport driven by the ion temperature gradient and electron temperature gradient instabilities in ASDEX Upgrade H-modes. Nuclear Fusion, 2019, 59, 096052.	3.5	27
8	Physics research on the TCV tokamak facility: from conventional to alternative scenarios and beyond. Nuclear Fusion, 2019, 59, 112023.	3.5	43
9	On the ion and electron temperature recovery after the ELM-crash at ASDEX upgrade. Nuclear Materials and Energy, 2019, 18, 275-280.	1.3	9
10	Numerical study of tearing mode seeding in tokamak X-point plasma. Physics of Plasmas, 2019, 26, .	1.9	4
11	2D and 3D studies of the X-divertor configuration in the future upper divertor of ASDEX upgrade. Nuclear Materials and Energy, 2019, 19, 107-112.	1.3	5
12	Core plasma ion cyclotron emission driven by fusion-born ions. Nuclear Fusion, 2019, 59, 014001.	3.5	12
13	Pedestal structure and energy confinement studies on TCV. Plasma Physics and Controlled Fusion, 2019, 61, 014002.	2.1	19
14	Observations of core ion cyclotron emission on ASDEX Upgrade tokamak. Review of Scientific Instruments, 2018, 89, 10J101.	1.3	35
15	Proposal of an alternative upper divertor in ASDEX Upgrade supported by EMC3-EIRENE simulations. Nuclear Materials and Energy, 2017, 12, 1037-1042.	1.3	23
16	The high field side high density region in SOLPS-modeling of nitrogen-seeded H-modes in ASDEX Upgrade. Nuclear Materials and Energy, 2017, 12, 193-199.	1.3	77
17	Field-Line Localized Destabilization of Ballooning Modes in Three-Dimensional Tokamaks. Physical Review Letters, 2017, 119, 085002.	7.8	27
18	Extensions to the charge exchange recombination spectroscopy diagnostic suite at ASDEX Upgrade. Review of Scientific Instruments, 2017, 88, 073508.	1.3	43

#	ARTICLE	IF	CITATIONS
19	Pedestal and E_r profile evolution during an edge localized mode cycle at ASDEX Upgrade. Plasma Physics and Controlled Fusion, 2017, 59, 105007.	2.1	28