

Mike Dunne

List of Publications by Year in descending order

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19
papers

446
citations

687363

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794594

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g-index

19
all docs

19
docs citations

19
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Extensions to the charge exchange recombination spectroscopy diagnostic suite at ASDEX Upgrade. Review of Scientific Instruments, 2017, 88, 073508.	1.3	43
3	Physics research on the TCV tokamak facility: from conventional to alternative scenarios and beyond. Nuclear Fusion, 2019, 59, 112023.	3.5	43
4	Overview of physics studies on ASDEX Upgrade. Nuclear Fusion, 2019, 59, 112014.	3.5	38
5	Observations of core ion cyclotron emission on ASDEX Upgrade tokamak. Review of Scientific Instruments, 2018, 89, 10J101.	1.3	35
6	Pedestal and $E \times r$ profile evolution during an edge localized mode cycle at ASDEX Upgrade. Plasma Physics and Controlled Fusion, 2017, 59, 105007.	2.1	28
7	Field-Line Localized Destabilization of Ballooning Modes in Three-Dimensional Tokamaks. Physical Review Letters, 2017, 119, 085002.	7.8	27
8	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
9	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
10	Pedestal structure and energy confinement studies on TCV. Plasma Physics and Controlled Fusion, 2019, 61, 014002.	2.1	19
11	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
12	Overview of the isotope effects in the ASDEX Upgrade tokamak. Plasma Physics and Controlled Fusion, 2021, 63, 064006.	2.1	16
13	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
14	Core plasma ion cyclotron emission driven by fusion-born ions. Nuclear Fusion, 2019, 59, 014001.	3.5	12
15	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
16	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
17	Numerical study of tearing mode seeding in tokamak X-point plasma. Physics of Plasmas, 2019, 26, .	1.9	4
18	Impact of the new TCV baffled divertor upgrade on pedestal structure and performance. Nuclear Materials and Energy, 2021, 26, 100933.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Cyrokinetic analysis of an argon-seeded EDA H-mode in ASDEX Upgrade. Journal of Plasma Physics, 2022, 88, .	2.1	3