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List of Publications by Year
in descending order

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170	4,079	109321	155660
papers	citations	35 h-index	55 g-index

171	171	171	2151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TORBEAM, a beam tracing code for electron-cyclotron waves in tokamak plasmas. Computer Physics Communications, 2001, 136, 90-104.	7.5	212
2	On the physics guidelines for a tokamak DEMO. Nuclear Fusion, 2013, 53, 073019.	3.5	192
3	Advances in the physics basis for the European DEMO design. Nuclear Fusion, 2015, 55, 063003.	3.5	122
4	Plasma wall interaction and its implication in an all tungsten divertor tokamak. Plasma Physics and Controlled Fusion, 2007, 49, B59-B70.	2.1	110
5	Steady state advanced scenarios at ASDEX Upgrade. Plasma Physics and Controlled Fusion, 2002, 44, B69-B83.	2.1	108
6	Benchmarking of codes for electron cyclotron heating and electron cyclotron current drive under ITER conditions. Nuclear Fusion, 2008, 48, 035006.	3.5	106
7	Electron-cyclotron-current-drive efficiency in DEMO plasmas. Nuclear Fusion, 2013, 53, 013011.	3.5	97
8	Overview of the ITER EC upper launcher. Nuclear Fusion, 2008, 48, 054013.	3.5	93
9	Interaction of energetic particles with large and small scale instabilities. Nuclear Fusion, 2007, 47, 025.	3.5	92
10	Overview of the ITER EC H&CD system and its capabilities. Fusion Engineering and Design, 2011, 86, 951-954.	1.9	82
11	The nonlinear coupling between gyroradius scale turbulence and mesoscale magnetic islands in fusion plasmas. Physics of Plasmas, 2010, 17, .	1.9	70
12	The targeted heating and current drive applications for the ITER electron cyclotron system. Physics of Plasmas, 2015, 22, .	1.9	67
13	Stationary Zonal Flows during the Formation of the Edge Transport Barrier in the JET Tokamak. Physical Review Letters, 2016, 116, 065002.	7.8	64
14	GRILLIX: a 3D turbulence code based on the flux-coordinate independent approach. Plasma Physics and Controlled Fusion, 2018, 60, 035005.	2.1	62
15	Paraxial Gaussian wave beam propagation in an anisotropic inhomogeneous plasma. Physics of Plasmas, 1999, 6, 5-11.	1.9	58
16	Electromagnetic turbulence suppression by energetic particle driven modes. Nuclear Fusion, 2019, 59, 124001.	3.5	57
17	Overview of ASDEX Upgrade results. Nuclear Fusion, 2017, 57, 102015.	3.5	53
18	Reduction of the Ion Drive and*Scaling of the Neoclassical Tearing Mode. Physical Review Letters, 2002, 88, 075001.	7.8	52

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19	Behaviour of turbulent transport in the vicinity of a magnetic island. Nuclear Fusion, 2009, 49, 075010.	3.5	52
20	TORBEAM 2.0, a paraxial beam tracing code for electron-cyclotron beams in fusion plasmas for extended physics applications. Computer Physics Communications, 2018, 225, 36-46.	7.5	51
21	Fast-ion stabilization of tokamak plasma turbulence. Nuclear Fusion, 2018, 58, 054002.	3.5	48
22	Integrated modelling of the current profile in steady-state and hybrid ITER scenarios. Nuclear Fusion, 2005, 45, 1309-1320.	3.5	45
23	The European Integrated Tokamak Modelling (ITM) effort: achievements and first physics results. Nuclear Fusion, 2014, 54, 043018.	3.5	45
24	Performance, heating and current drive scenarios of ASDEX Upgrade advanced tokamak discharges. Nuclear Fusion, 2001, 41, 1259-1271.	3.5	43
25	MHD induced fast-ion losses on ASDEX Upgrade. Nuclear Fusion, 2009, 49, 085014.	3.5	43
26	Coupling of the Flux Diffusion Equation with the Equilibrium Reconstruction at ASDEX Upgrade. Fusion Science and Technology, 2016, 69, 526-536.	1.1	43
27	Physics research on the TCV tokamak facility: from conventional to alternative scenarios and beyond. Nuclear Fusion, 2019, 59, 112023.	3.5	43
28	ITER ECRH-ECCD System Capabilities for Extended Physics Applications. Fusion Science and Technology, 2007, 52, 193-201.	1.1	42
29	Observation and modeling of fast trapped ion losses due to neoclassical tearing modes. Physics of Plasmas, 2008, 15, .	1.9	41
30	Interaction of turbulence with magnetic islands: effect on bootstrap current. Plasma Physics and Controlled Fusion, 2011, 53, 054008.	2.1	41
31	The effect of density fluctuations on electron cyclotron beam broadening and implications for ITER. Nuclear Fusion, 2018, 58, 016002.	3.5	40
32	EC beam tracing in fusion plasmas. Fusion Engineering and Design, 2001, 53, 9-21.	1.9	39
33	Overview of physics studies on ASDEX Upgrade. Nuclear Fusion, 2019, 59, 112014.	3.5	38
34	On recent results in the modelling of neoclassical-tearing-mode stabilization via electron cyclotron current drive and their impact on the design of the upper EC launcher for ITER. Nuclear Fusion, 2015, 55, 013023.	3.5	37
35	Overview of ASDEX Upgrade results. Nuclear Fusion, 2013, 53, 104003.	3.5	36
36	On seed island generation and the non-linear self-consistent interaction of the tearing mode With electromagnetic gyro-kinetic turbulence. Plasma Physics and Controlled Fusion, 2015, 57, 054018.	2.1	35

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37	Overview of ASDEX Upgrade results. Nuclear Fusion, 2001, 41, 1369-1389.	3.5	34
38	Comparison of the performance of different options for the ITER ECRH Upper Launcher. Journal of Physics: Conference Series, 2005, 25, 234-242.	0.4	34
39	New High-Confinement Regime with Fast Ions in the Core of Fusion Plasmas. Physical Review Letters, 2021, 127, 025002.	7.8	34
40	EU developments of the ITER ECRH system. Fusion Engineering and Design, 2007, 82, 454-462.	1.9	33
41	Physics analysis of the ITER ECW system for optimized performance. Nuclear Fusion, 2008, 48, 054012.	3.5	33
42	Gyrokinetic and gyrofluid investigation of magnetic islands in tokamaks. Plasma Physics and Controlled Fusion, 2010, 52, 124021.	2.1	33
43	ASDEX Upgradeâ€"JT-60U comparison and ECRH power requirements for NTM stabilization in ITER. Nuclear Fusion, 2010, 50, 025010.	3.5	31
44	Analytic dispersion relation of energetic particle driven geodesic acoustic modes and simulations with NEMORB. Nuclear Fusion, 2014, 54, 103006.	3.5	31
45	Non-Maxwellian fast particle effects in gyrokinetic GENE simulations. Physics of Plasmas, 2018, 25, .	1.9	29
46	Interaction of Mean and Oscillating Plasma Flows Across Confinement Mode Transitions. Plasma and Fusion Research, 2010, 5, S2005-S2005.	0.7	29
47	Overview of ASDEX Upgrade resultsâ€"development of integrated operating scenarios for ITER. Nuclear Fusion, 2005, 45, S98-S108.	3.5	28
48	On the dynamics of vortex modes within magnetic islands. Physics of Plasmas, 2012, 19, .	1.9	28
49	Progress of the ECRH Upper Launcher design for ITER. Fusion Engineering and Design, 2014, 89, 1669-1673.	1.9	28
50	The frequently interrupted regime of neoclassical tearing modes (FIR-NTMs): required plasma parameters and possibilities for its active control. Nuclear Fusion, 2004, 44, 524-532.	3.5	27
51	Role of Kinetic Effects on the Polarization Current around a Magnetic Island. Physical Review Letters, 2005, 94, 205001.	7.8	27
52	Overview of ASDEX Upgrade results. Nuclear Fusion, 2011, 51, 094012.	3.5	27
53	Control of NTMs by ECCD on ASDEX Upgrade in view of ITER application. Plasma Physics and Controlled Fusion, 2007, 49, B341-B347.	2.1	26
54	Millimeter-Wave Beam Scattering by Field-Aligned Blobs in Simple Magnetized Toroidal Plasmas. Physical Review Letters, 2018, 120, 105001.	7.8	26

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55	Analysis of electron cyclotron emission with extended electron cyclotron forward modeling. Plasma Physics and Controlled Fusion, 2018, 60, 105010.	2.1	24
56	Avoidance of disruptions at high Î²_N in ASDEX Upgrade with off-axis ECRH. Nuclear Fusion, 2011, 51, 083051.	3.5	23
57	Real-time beam tracing for control of the deposition location of electron cyclotron waves. Fusion Engineering and Design, 2015, 100, 73-80.	1.9	23
58	Electron cyclotron power management for control of neoclassical tearing modes in the ITER baseline scenario. Nuclear Fusion, 2018, 58, 016007.	3.5	23
59	Collisionality dependence of the polarization current caused by a rotating magnetic island. Physics of Plasmas, 2005, 12, 072501.	1.9	22
60	Impact of rotating magnetic islands on density profile flattening and turbulent transport. Nuclear Fusion, 2015, 55, 113018.	3.5	22
61	A data acquisition system for real-time magnetic equilibrium reconstruction on ASDEX Upgrade and its application to NTM stabilization experiments. Fusion Engineering and Design, 2013, 88, 3299-3311.	1.9	21
62	The linear tearing instability in three dimensional, toroidal gyro-kinetic simulations. Physics of Plasmas, 2015, 22, .	1.9	21
63	Conceptual design of the EU DEMO EC-system: main developments and R&D achievements. Nuclear Fusion, 2017, 57, 116009.	3.5	21
64	Overview of ASDEX Upgrade results. Nuclear Fusion, 2003, 43, 1570-1582.	3.5	20
65	Scattering of diffracting beams of electron cyclotron waves by random density fluctuations in inhomogeneous plasmas. EPJ Web of Conferences, 2015, 87, 01002.	0.3	20
66	Microwave beam broadening due to turbulent plasma density fluctuations within the limit of the Born approximation and beyond. Plasma Physics and Controlled Fusion, 2018, 60, 075006.	2.1	20
67	Resonant interaction of energetic ions with bulk-ion plasma micro-turbulence. Physics of Plasmas, 2019, 26, 052504.	1.9	20
68	Modeling of nonlinear electron cyclotron resonance heating and current drive in a tokamak. Physics of Plasmas, 2005, 12, 012502.	1.9	19
69	Effects of aberration on paraxial wave beams: beam tracing versus quasi-optical solutions. Plasma Physics and Controlled Fusion, 2010, 52, 085006.	2.1	19
70	Fast ion power loads on ITER first wall structures in the presence of NTMs and microturbulence. Nuclear Fusion, 2011, 51, 083041.	3.5	19
71	Paraxial Wentzelâ€“Kramersâ€“Brillouin method applied to the lower hybrid wave propagation. Physics of Plasmas, 2012, 19, 082510.	1.9	19
72	Monte Carlo Âfsimulation of the bootstrap current in the presence of a magnetic island. Plasma Physics and Controlled Fusion, 2003, 45, 71-87.	2.1	18

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73	Validation of the paraxial beam-tracing method in critical cases. Physics of Plasmas, 2009, 16, .	1.9	18
74	EU DEMO EC system preliminary conceptual design. Fusion Engineering and Design, 2018, 136, 1173-1177.	1.9	18
75	Linear gyrokinetic particle-in-cell simulations of AlfvÃ©n instabilities in tokamaks. Physics of Plasmas, 2016, 23, 012108.	1.9	17
76	Millimeter-wave beam scattering by edge-plasma density fluctuations in TCV. Plasma Physics and Controlled Fusion, 2019, 61, 014001.	2.1	17
77	Gyrokinetic investigation of the damping channels of AlfvÃ©n modes in ASDEX Upgrade. Physics of Plasmas, 2020, 27, 042501.	1.9	17
78	Progress and First Results With the New Multifrequency ECRH System for ASDEX Upgrade. IEEE Transactions on Plasma Science, 2009, 37, 395-402.	1.3	16
79	The non-linear evolution of the tearing mode in electromagnetic turbulence using gyrokinetic simulations. Plasma Physics and Controlled Fusion, 2016, 58, 014028.	2.1	16
80	Effect of elongation on energetic particle-induced geodesic acoustic mode. Nuclear Fusion, 2018, 58, 106014.	3.5	16
81	Nearing final design of the ITER EC H&CD Upper Launcher. Fusion Engineering and Design, 2019, 146, 23-26.	1.9	16
82	Exploring fusion-reactor physics with high-power electron cyclotron resonance heating on ASDEX Upgrade. Plasma Physics and Controlled Fusion, 2020, 62, 024012.	2.1	16
83	Nonlinear electromagnetic interplay between fast ions and ion-temperature-gradient plasma turbulence. Journal of Plasma Physics, 2021, 87, .	2.1	16
84	Kinetic calculation of the polarization current in the presence of a neoclassical tearing mode. Nuclear Fusion, 2005, 45, 384-390.	3.5	15
85	Conceptual design of the ECH upper launcher system for ITER. Fusion Engineering and Design, 2009, 84, 284-289.	1.9	15
86	On the nonlinear coupling between micro turbulence and mesoscale magnetic islands in a plasma. Europhysics Letters, 2010, 91, 45001.	2.0	15
87	Technological and physics assessments on heating and current drive systems for DEMO. Fusion Engineering and Design, 2015, 96-97, 468-472.	1.9	15
88	Linear gyrokinetic investigation of the geodesic acoustic modes in realistic tokamak configurations. Physics of Plasmas, 2017, 24, 122117.	1.9	15
89	Control of neoclassical tearing modes and integrated multi-actuator plasma control on TCV. Nuclear Fusion, 2019, 59, 076035.	3.5	15
90	The bootstrap current in small rotating magnetic islands. Physics of Plasmas, 2009, 16, 092507.	1.9	14

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91	Feasibility of electron Bernstein wave coupling via O-X-B mode conversion in the RFX-mod reversed field pinch device. Nuclear Fusion, 2009, 49, 075020.	3.5	14
92	Disruption avoidance by means of electron cyclotron waves. Plasma Physics and Controlled Fusion, 2011, 53, 124035.	2.1	14
93	Nonlinear dynamics of energetic-particle driven geodesic acoustic modes in ASDEX Upgrade. Physics of Plasmas, 2020, 27, 042512.	1.9	14
94	ECRH on ASDEX Upgrade - System Status, Feed-Back Control, Plasma Physics Results -. EPJ Web of Conferences, 2012, 32, 02011.	0.3	13
95	Preliminary design of the ITER ECH Upper Launcher. Fusion Engineering and Design, 2013, 88, 2761-2766.	1.9	13
96	Assessment of the ITER electron cyclotron upper launcher capabilities in view of an optimized design. Plasma Physics and Controlled Fusion, 2015, 57, 054015.	2.1	13
97	Non-Maxwellian background effects in gyrokinetic simulations with GENE. Journal of Physics: Conference Series, 2016, 775, 012003.	0.4	13
98	Gyrokinetic determination of the electrostatic potential of rotating magnetic islands in tokamaks. Physics of Plasmas, 2011, 18, .	1.9	12
99	AlfvÃ©n Eigenmodes and Neoclassical tearing modes for orbit-following implementations. Computer Physics Communications, 2012, 183, 2589-2593.	7.5	12
100	Millimeter-wave beam scattering and induced broadening by plasma turbulence in the TCV tokamak. Nuclear Fusion, 2021, 61, 066011.	3.5	12
101	Overview of ASDEX Upgrade results. Nuclear Fusion, 2009, 49, 104009.	3.5	11
102	Verification of a magnetic island in gyro-kinetics by comparison with analytic theory. Physics of Plasmas, 2015, 22, .	1.9	10
103	Interaction of the electron density fluctuations with electron cyclotron waves from the equatorial launcher in ITER. Plasma Physics and Controlled Fusion, 2018, 60, 014020.	2.1	10
104	Gyrokinetic investigation of the nonlinear interaction of AlfvÃ©n instabilities and energetic particle-driven geodesic acoustic modes. Physics of Plasmas, 2021, 28, 072504.	1.9	10
105	Simulation of Heating and Current Drive sources for scenarios of the ITER Research Plan. Nuclear Fusion, 0, , .	3.5	10
106	Benchmarking of electron cyclotron heating and current drive codes on ITER scenarios within the European Integrated Tokamak Modelling framework. EPJ Web of Conferences, 2012, 32, 01011.	0.3	9
107	The wave energy flux of high frequency diffracting beams in complex geometrical optics. Physics of Plasmas, 2013, 20, .	1.9	9
108	Effect of turbulence on electron cyclotron current drive and heating in ITER. Nuclear Fusion, 2015, 55, 012002.	3.5	9

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109	Radiation transport modelling for the interpretation of oblique ECE measurements. EPJ Web of Conferences, 2017, 147, 02002.	0.3	9
110	Density control by pellets in plasmas with ELM mitigation by RMPs in the ASDEX Upgrade tokamak. Plasma Physics and Controlled Fusion, 2018, 60, 085013.	2.1	9
111	Implementation of energy transfer technique in ORB5 to study collisionless wave-particle interactions in phase-space. Computer Physics Communications, 2021, 262, 107032.	7.5	9
112	The modeling of a Tokamak plasma discharge, from first principles to a flight simulator. Plasma Physics and Controlled Fusion, 0, , .	2.1	9
113	Integration of a dog-leg beam routing for the remote steering upper port launcher for ITER. Journal of Physics: Conference Series, 2005, 25, 103-111.	0.4	8
114	Advanced launcher design options for electron cyclotron current drive on ITER based on remote steering. Nuclear Fusion, 2008, 48, 054015.	3.5	8
115	Feed Forward Polarization Control During ECRH Discharges at ASDEX Upgrade. Fusion Science and Technology, 2010, 58, 658-665.	1.1	8
116	Radial acceleration of geodesic acoustic modes in the presence of a temperature gradient. Physics of Plasmas, 2017, 24, 072503.	1.9	8
117	Beam tracing description of non-Gaussian wave beams. Physics of Plasmas, 2006, 13, 113304.	1.9	7
118	Kinetic effects on slowly rotating magnetic islands in tokamaks. Plasma Physics and Controlled Fusion, 2009, 51, 075005.	2.1	7
119	High power ECRH and ECCD in moderately collisional ASDEX Upgrade Hmodes and status of EC system upgrade. EPJ Web of Conferences, 2015, 87, 02004.	0.3	7
120	The impact of the ion-cyclotron-resonance location on the poloidal asymmetries of impurity density in an ICRF-heated rotating plasma. Nuclear Fusion, 2017, 57, 056020.	3.5	7
121	RF H&CD systems for DEMO - Challenges and opportunities. , 2014, , .		6
122	THz multi line-of-sight polarimeter for fusion reactors. Fusion Engineering and Design, 2018, 130, 1-5.	1.9	6
123	ECRad: An electron cyclotron radiation transport solver for advanced data analysis in thermal and non-thermal fusion plasmas. Computer Physics Communications, 2020, 253, 107175.	7.5	6
124	Complex eikonal methods applied to geodesic acoustic mode dynamics. Physics of Plasmas, 2020, 27, .	1.9	6
125	Boundary conditions for a Gaussian wave beam. Physics of Plasmas, 2001, 8, 4325-4330.	1.9	5
126	Recent Developments in the Theory of Electron Cyclotron Waves. Fusion Science and Technology, 2008, 53, 1-11.	1.1	5

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127	Status of Europeâ€™s contribution to the ITER EC system. EPJ Web of Conferences, 2015, 87, 04004.	0.3	5
128	Complex-Hamiltonian paraxial description of damped geodesic acoustic modes. Physics of Plasmas, 2020, 27, .	1.9	5
129	EU DEMO EC equatorial launcher pre-conceptual performance studies. Fusion Engineering and Design, 2020, 156, 111594.	1.9	5
130	Poloidally resolved measurements of the perpendicular propagation velocity of density fluctuations in ASDEX Upgrade L-mode plasmas. Plasma Physics and Controlled Fusion, 2021, 63, 035020.	2.1	5
131	Analysis of the ITER low field side reflectometer employing the Beam Tracing Method. Fusion Engineering and Design, 2011, 86, 2928-2942.	1.9	4
132	On the approximations of the distribution function of fusion alpha particles. Physics of Plasmas, 2014, 21, 104502.	1.9	4
133	The EC-system of EU DEMO: concepts for a reactor heating system. EPJ Web of Conferences, 2017, 149, 03003.	0.3	4
134	Core transport barriers induced by fast ions in global gyrokinetic GENE simulations. Plasma Physics and Controlled Fusion, 2022, 64, 064003.	2.1	4
135	Feedback-controlled NTM stabilization on ASDEX Upgrade. EPJ Web of Conferences, 2015, 87, 02017.	0.3	3
136	Modeling of neoclassical tearing mode stabilization by electron cyclotron heating and current drive in tokamak plasmas. Current Applied Physics, 2016, 16, 867-875.	2.4	3
137	Progress in conceptual design of EU DEMO EC system. EPJ Web of Conferences, 2017, 147, 04002.	0.3	3
138	Paraxial expansion of the wave kinetic equation for electron cyclotron beams in turbulent plasmas. Journal of Physics: Conference Series, 2018, 1125, 012022.	0.4	3
139	Analysis of the spectral width and validation of the LHBEAM code. , 2008, , .		2
140	Coupling the beam tracing code TORBEAM and the Fokker-Planck solver RELAX for fast electrons. Journal of Physics: Conference Series, 2012, 401, 012013.	0.4	2
141	On the criteria guiding the design of the upper electron-cyclotron launcher for ITER. EPJ Web of Conferences, 2015, 87, 01008.	0.3	2
142	Cross-polarization scattering of diffracting electron-cyclotron beams in a turbulent plasma with the WKBeam code. Journal of Physics: Conference Series, 2016, 775, 012005.	0.4	2
143	Kinetic effects on the currents determining the stability of a magnetic island in tokamaks. Plasma Physics Reports, 2016, 42, 450-464.	0.9	2
144	Direct toroidal torque driven by ICRF heating and its dependence on the plasma rotation. Nuclear Fusion, 2017, 57, 076017.	3.5	2

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145	Fast evaluation of the current driven by electron cyclotron waves for reactor studies. Physics of Plasmas, 2018, 25, 122501.	1.9	2
146	Beam tracing study for design and operation of two-pass electron cyclotron heating at ASDEX Upgrade. EPJ Web of Conferences, 2019, 203, 02009.	0.3	2
147	Wigner-function-based solution schemes for electromagnetic wave beams in fluctuating media. Journal of Computational Electronics, 2021, 20, 2199-2208.	2.5	2
148	Nonlinear dynamics of geodesic-acoustic-mode packets. Physics of Plasmas, 2021, 28, .	1.9	2
149	Basic design considerations for a frequency step-tunable electron cyclotron wave system to suppress NTMs in DEMO. Fusion Engineering and Design, 2021, 173, 112931.	1.9	2
150	Ion and Electron Dynamics in Nonlinear PIC Simulations. AIP Conference Proceedings, 2006, , .	0.4	1
151	The Enhanced Performance Launcher Design For The ITER Upper Port ECH Antenna. AIP Conference Proceedings, 2007, , .	0.4	1
152	Multi-frequency ECRH system at ASDEX upgrade. , 2009, , .		1
153	An overview of the ITER electron cyclotron H&CD system. , 2009, , .		1
154	Electron Cyclotron Heating in RFP plasmas. , 2009, , .		1
155	Gyrokinetic investigation of magnetic islands in tokamaks. Journal of Physics: Conference Series, 2010, 260, 012019.	0.4	1
156	DEMO: Heating and current drive system integration with blanket system. , 2013, , .		1
157	Electron Cyclotron waves for current drive and neo-classical tearing mode mitigation in a DEMO machine. , 2015, , .		1
158	Implications of parasitic absorption of Electron Cyclotron waves on ITER operation around half-field. Nuclear Fusion, 0, , .	3.5	1
159	ECRH ON ASDEX UPGRADE - SYSTEM EXTENSION, NEW MODES OF OPERATION, PLASMA PHYSICS RESULTS. , 2011, , .		1
160	PIC simulations of microturbulence in the presence of a magnetic island. AIP Conference Proceedings, 2006, , .	0.4	0
161	Kinetic Effects on Slowly Rotating Magnetic Islands in Tokamaks. , 2008, , .		0
162	Simulations of the bootstrap current in small rotating magnetic islands. , 2008, , .		0

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163	Validation of the beam tracing method for heating and diagnostics. , 2009, , .		0
164	Addendum to papers from Axially Symmetric Divertor Experiment (ASDEX) Upgrade Team, published in Review of Scientific Instruments. Review of Scientific Instruments, 2010, 81, 039903.	1.3	0
165	Assessment of Electron-Cyclotron-Current-Drive-Assisted Operation in DEMO. EPJ Web of Conferences, 2012, 32, 01005.	0.3	0
166	Optimization of the ITER EC H&CD functional capabilities while relaxing the engineering constraints. , 2014, , .		0
167	Assessment of the ITER EC Upper Launcher Performance. EPJ Web of Conferences, 2015, 87, 01011.	0.3	0
168	EC power management in ITER for NTM control: the path from the commissioning phase to demonstration discharges. EPJ Web of Conferences, 2017, 157, 03041.	0.3	0
169	The deteriorating effect of plasma density ï¬‚uctuations on microwave beam quality. EPJ Web of Conferences, 2019, 203, 01005.	0.3	0
170	Fast evaluation of the current drive efï¬ciency by electron cyclotron waves for reactor studies. EPJ Web of Conferences, 2019, 203, 01008.	0.3	0