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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	Core transport barriers induced by fast ions in global gyrokinetic GENE simulations. Plasma Physics and Controlled Fusion, 2022, 64, 064003.	2.1	4
2	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
3	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
4	Nonlinear electromagnetic interplay between fast ions and ion-temperature-gradient plasma turbulence. Journal of Plasma Physics, 2021, 87, .	2.1	16
5	Millimeter-wave beam scattering and induced broadening by plasma turbulence in the TCV tokamak. Nuclear Fusion, 2021, 61, 066011.	3.5	12
6	New High-Confinement Regime with Fast Ions in the Core of Fusion Plasmas. Physical Review Letters, 2021, 127, 025002.	7.8	34
7	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
8	Wigner-function-based solution schemes for electromagnetic wave beams in fluctuating media. Journal of Computational Electronics, 2021, 20, 2199-2208.	2.5	2
9	Nonlinear dynamics of geodesic-acoustic-mode packets. Physics of Plasmas, 2021, 28, .	1.9	2
10	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
11	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
12	Complex-Hamiltonian paraxial description of damped geodesic acoustic modes. Physics of Plasmas, 2020, 27, .	1.9	5
13	EU DEMO EC equatorial launcher pre-conceptual performance studies. Fusion Engineering and Design, 2020, 156, 111594.	1.9	5
14	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
15	Complex eikonal methods applied to geodesic acoustic mode dynamics. Physics of Plasmas, 2020, 27, .	1.9	6
16	Gyrokinetic investigation of the damping channels of AlfvÃ©n modes in ASDEX Upgrade. Physics of Plasmas, 2020, 27, 042501.	1.9	17
17	Nonlinear dynamics of energetic-particle driven geodesic acoustic modes in ASDEX Upgrade. Physics of Plasmas, 2020, 27, 042512.	1.9	14
18	Overview of physics studies on ASDEX Upgrade. Nuclear Fusion, 2019, 59, 112014.	3.5	38

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19	Control of neoclassical tearing modes and integrated multi-actuator plasma control on TCV. Nuclear Fusion, 2019, 59, 076035.	3.5	15
20	Electromagnetic turbulence suppression by energetic particle driven modes. Nuclear Fusion, 2019, 59, 124001.	3.5	57
21	Physics research on the TCV tokamak facility: from conventional to alternative scenarios and beyond. Nuclear Fusion, 2019, 59, 112023.	3.5	43
22	The deteriorating effect of plasma density ï¬‚uctuations on microwave beam quality. EPJ Web of Conferences, 2019, 203, 01005.	0.3	0
23	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
24	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
25	Resonant interaction of energetic ions with bulk-ion plasma micro-turbulence. Physics of Plasmas, 2019, 26, 052504.	1.9	20
26	Nearing final design of the ITER EC H&CD Upper Launcher. Fusion Engineering and Design, 2019, 146, 23-26.	1.9	16
27	Millimeter-wave beam scattering by edge-plasma density fluctuations in TCV. Plasma Physics and Controlled Fusion, 2019, 61, 014001.	2.1	17
28	Non-Maxwellian fast particle effects in gyrokinetic GENE simulations. Physics of Plasmas, 2018, 25, .	1.9	29
29	Fast-ion stabilization of tokamak plasma turbulence. Nuclear Fusion, 2018, 58, 054002.	3.5	48
30	GRILLIX: a 3D turbulence code based on the flux-coordinate independent approach. Plasma Physics and Controlled Fusion, 2018, 60, 035005.	2.1	62
31	The effect of density fluctuations on electron cyclotron beam broadening and implications for ITER. Nuclear Fusion, 2018, 58, 016002.	3.5	40
32	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
33	Millimeter-Wave Beam Scattering by Field-Aligned Blobs in Simple Magnetized Toroidal Plasmas. Physical Review Letters, 2018, 120, 105001.	7.8	26
34	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
35	Electron cyclotron power management for control of neoclassical tearing modes in the ITER baseline scenario. Nuclear Fusion, 2018, 58, 016007.	3.5	23
36	Fast evaluation of the current driven by electron cyclotron waves for reactor studies. Physics of Plasmas, 2018, 25, 122501.	1.9	2

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37	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
38	Analysis of electron cyclotron emission with extended electron cyclotron forward modeling. Plasma Physics and Controlled Fusion, 2018, 60, 105010.	2.1	24
39	Effect of elongation on energetic particle-induced geodesic acoustic mode. Nuclear Fusion, 2018, 58, 106014.	3.5	16
40	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
41	EU DEMO EC system preliminary conceptual design. Fusion Engineering and Design, 2018, 136, 1173-1177.	1.9	18
42	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
43	THz multi line-of-sight polarimeter for fusion reactors. Fusion Engineering and Design, 2018, 130, 1-5.	1.9	6
44	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
45	Direct toroidal torque driven by ICRF heating and its dependence on the plasma rotation. Nuclear Fusion, 2017, 57, 076017.	3.5	2
46	Conceptual design of the EU DEMO EC-system: main developments and R&D achievements. Nuclear Fusion, 2017, 57, 116009.	3.5	21
47	Radial acceleration of geodesic acoustic modes in the presence of a temperature gradient. Physics of Plasmas, 2017, 24, 072503.	1.9	8
48	Overview of ASDEX Upgrade results. Nuclear Fusion, 2017, 57, 102015.	3.5	53
49	Linear gyrokinetic investigation of the geodesic acoustic modes in realistic tokamak configurations. Physics of Plasmas, 2017, 24, 122117.	1.9	15
50	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
51	Radiation transport modelling for the interpretation of oblique ECE measurements. EPJ Web of Conferences, 2017, 147, 02002.	0.3	9
52	Progress in conceptual design of EU DEMO EC system. EPJ Web of Conferences, 2017, 147, 04002.	0.3	3
53	The EC-system of EU DEMO: concepts for a reactor heating system. EPJ Web of Conferences, 2017, 149, 03003.	0.3	4
54	Non-Maxwellian background effects in gyrokinetic simulations with GENE. Journal of Physics: Conference Series, 2016, 775, 012003.	0.4	13

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55	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
56	Stationary Zonal Flows during the Formation of the Edge Transport Barrier in the JET Tokamak. Physical Review Letters, 2016, 116, 065002.	7.8	64
57	Linear gyrokinetic particle-in-cell simulations of AlfvÃ©n instabilities in tokamaks. Physics of Plasmas, 2016, 23, 012108.	1.9	17
58	Coupling of the Flux Diffusion Equation with the Equilibrium Reconstruction at ASDEX Upgrade. Fusion Science and Technology, 2016, 69, 526-536.	1.1	43
59	Kinetic effects on the currents determining the stability of a magnetic island in tokamaks. Plasma Physics Reports, 2016, 42, 450-464.	0.9	2
60	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
61	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
62	Status of Europeâ€™s contribution to the ITER EC system. EPJ Web of Conferences, 2015, 87, 04004.	0.3	5
63	Feedback-controlled NTM stabilization on ASDEX Upgrade. EPJ Web of Conferences, 2015, 87, 02017.	0.3	3
64	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
65	Advances in the physics basis for the European DEMO design. Nuclear Fusion, 2015, 55, 063003.	3.5	122
66	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
67	On the criteria guiding the design of the upper electron-cyclotron launcher for ITER. EPJ Web of Conferences, 2015, 87, 01008.	0.3	2
68	Assessment of the ITER EC Upper Launcher Performance. EPJ Web of Conferences, 2015, 87, 01011.	0.3	0
69	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
70	Technological and physics assessments on heating and current drive systems for DEMO. Fusion Engineering and Design, 2015, 96-97, 468-472.	1.9	15
71	Electron Cyclotron waves for current drive and neo-classical tearing mode mitigation in a DEMO machine. , 2015, , .		1
72	Impact of rotating magnetic islands on density profile flattening and turbulent transport. Nuclear Fusion, 2015, 55, 113018.	3.5	22

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73	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
74	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
75	The targeted heating and current drive applications for the ITER electron cyclotron system. Physics of Plasmas, 2015, 22, .	1.9	67
76	The linear tearing instability in three dimensional, toroidal gyro-kinetic simulations. Physics of Plasmas, 2015, 22, .	1.9	21
77	Verification of a magnetic island in gyro-kinetics by comparison with analytic theory. Physics of Plasmas, 2015, 22, .	1.9	10
78	Effect of turbulence on electron cyclotron current drive and heating in ITER. Nuclear Fusion, 2015, 55, 012002.	3.5	9
79	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
80	On the approximations of the distribution function of fusion alpha particles. Physics of Plasmas, 2014, 21, 104502.	1.9	4
81	Optimization of the ITER EC H&CD functional capabilities while relaxing the engineering constraints. , 2014, , .		0
82	RF H&CD systems for DEMO - Challenges and opportunities. , 2014, , .		6
83	Analytic dispersion relation of energetic particle driven geodesic acoustic modes and simulations with NEMORB. Nuclear Fusion, 2014, 54, 103006.	3.5	31
84	Progress of the ECRH Upper Launcher design for ITER. Fusion Engineering and Design, 2014, 89, 1669-1673.	1.9	28
85	The European Integrated Tokamak Modelling (ITM) effort: achievements and first physics results. Nuclear Fusion, 2014, 54, 043018.	3.5	45
86	The wave energy flux of high frequency diffracting beams in complex geometrical optics. Physics of Plasmas, 2013, 20, .	1.9	9
87	Preliminary design of the ITER ECH Upper Launcher. Fusion Engineering and Design, 2013, 88, 2761-2766.	1.9	13
88	DEMO: Heating and current drive system integration with blanket system. , 2013, , .		1
89	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
90	Overview of ASDEX Upgrade results. Nuclear Fusion, 2013, 53, 104003.	3.5	36

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91	On the physics guidelines for a tokamak DEMO. Nuclear Fusion, 2013, 53, 073019.	3.5	192
92	Electron-cyclotron-current-drive efficiency in DEMO plasmas. Nuclear Fusion, 2013, 53, 013011.	3.5	97
93	Paraxial Wentzelâ€“Kramersâ€“Brillouin method applied to the lower hybrid wave propagation. Physics of Plasmas, 2012, 19, 082510.	1.9	19
94	On the dynamics of vortex modes within magnetic islands. Physics of Plasmas, 2012, 19, .	1.9	28
95	ECRH on ASDEX Upgrade - System Status, Feed-Back Control, Plasma Physics Results -. EPJ Web of Conferences, 2012, 32, 02011.	0.3	13
96	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
97	AlfvÃ©n Eigenmodes and Neoclassical tearing modes for orbit-following implementations. Computer Physics Communications, 2012, 183, 2589-2593.	7.5	12
98	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
99	Assessment of Electron-Cyclotron-Current-Drive-Assisted Operation in DEMO. EPJ Web of Conferences, 2012, 32, 01005.	0.3	0
100	Fast ion power loads on ITER first wall structures in the presence of NTMs and microturbulence. Nuclear Fusion, 2011, 51, 083041.	3.5	19
101	Overview of the ITER EC H&CD system and its capabilities. Fusion Engineering and Design, 2011, 86, 951-954.	1.9	82
102	Analysis of the ITER low field side reflectometer employing the Beam Tracing Method. Fusion Engineering and Design, 2011, 86, 2928-2942.	1.9	4
103	Overview of ASDEX Upgrade results. Nuclear Fusion, 2011, 51, 094012.	3.5	27
104	Interaction of turbulence with magnetic islands: effect on bootstrap current. Plasma Physics and Controlled Fusion, 2011, 53, 054008.	2.1	41
105	Avoidance of disruptions at high Î²_N in ASDEX Upgrade with off-axis ECRH. Nuclear Fusion, 2011, 51, 083051.	3.5	23
106	Disruption avoidance by means of electron cyclotron waves. Plasma Physics and Controlled Fusion, 2011, 53, 124035.	2.1	14
107	Gyrokinetic determination of the electrostatic potential of rotating magnetic islands in tokamaks. Physics of Plasmas, 2011, 18, .	1.9	12
108	ECRH ON ASDEX UPGRADE - SYSTEM EXTENSION, NEW MODES OF OPERATION, PLASMA PHYSICS RESULTS. , 2011, , .		1

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109	Gyrokinetic investigation of magnetic islands in tokamaks. Journal of Physics: Conference Series, 2010, 260, 012019.	0.4	1
110	Feed Forward Polarization Control During ECRH Discharges at ASDEX Upgrade. Fusion Science and Technology, 2010, 58, 658-665.	1.1	8
111	Effects of aberration on paraxial wave beams: beam tracing versus quasi-optical solutions. Plasma Physics and Controlled Fusion, 2010, 52, 085006.	2.1	19
112	ASDEX Upgradeâ€"JT-60U comparison and ECRH power requirements for NTM stabilization in ITER. Nuclear Fusion, 2010, 50, 025010.	3.5	31
113	Gyrokinetic and gyrofluid investigation of magnetic islands in tokamaks. Plasma Physics and Controlled Fusion, 2010, 52, 124021.	2.1	33
114	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
115	The nonlinear coupling between gyroradius scale turbulence and mesoscale magnetic islands in fusion plasmas. Physics of Plasmas, 2010, 17, .	1.9	70
116	On the nonlinear coupling between micro turbulence and mesoscale magnetic islands in a plasma. Europhysics Letters, 2010, 91, 45001.	2.0	15
117	Interaction of Mean and Oscillating Plasma Flows Across Confinement Mode Transitions. Plasma and Fusion Research, 2010, 5, S2005-S2005.	0.7	29
118	The bootstrap current in small rotating magnetic islands. Physics of Plasmas, 2009, 16, 092507.	1.9	14
119	Validation of the paraxial beam-tracing method in critical cases. Physics of Plasmas, 2009, 16, .	1.9	18
120	Multi-frequency ECRH system at ASDEX upgrade. , 2009, , .		1
121	An overview of the ITER electron cyclotron H&CD system. , 2009, , .		1
122	Kinetic effects on slowly rotating magnetic islands in tokamaks. Plasma Physics and Controlled Fusion, 2009, 51, 075005.	2.1	7
123	Overview of ASDEX Upgrade results. Nuclear Fusion, 2009, 49, 104009.	3.5	11
124	Behaviour of turbulent transport in the vicinity of a magnetic island. Nuclear Fusion, 2009, 49, 075010.	3.5	52
125	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
126	Electron Cyclotron Heating in RFP plasmas. , 2009, , .		1

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127	Validation of the beam tracing method for heating and diagnostics. , 2009, , .		0
128	MHD induced fast-ion losses on ASDEX Upgrade. Nuclear Fusion, 2009, 49, 085014.	3.5	43
129	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
130	Conceptual design of the ECH upper launcher system for ITER. Fusion Engineering and Design, 2009, 84, 284-289.	1.9	15
131	Overview of the ITER EC upper launcher. Nuclear Fusion, 2008, 48, 054013.	3.5	93
132	Physics analysis of the ITER ECW system for optimized performance. Nuclear Fusion, 2008, 48, 054012.	3.5	33
133	Observation and modeling of fast trapped ion losses due to neoclassical tearing modes. Physics of Plasmas, 2008, 15, .	1.9	41
134	Advanced launcher design options for electron cyclotron current drive on ITER based on remote steering. Nuclear Fusion, 2008, 48, 054015.	3.5	8
135	Benchmarking of codes for electron cyclotron heating and electron cyclotron current drive under ITER conditions. Nuclear Fusion, 2008, 48, 035006.	3.5	106
136	Analysis of the spectral width and validation of the LHBEAM code. , 2008, , .		2
137	Kinetic Effects on Slowly Rotating Magnetic Islands in Tokamaks. , 2008, , .		0
138	Simulations of the bootstrap current in small rotating magnetic islands. , 2008, , .		0
139	Recent Developments in the Theory of Electron Cyclotron Waves. Fusion Science and Technology, 2008, 53, 1-11.	1.1	5
140	The Enhanced Performance Launcher Design For The ITER Upper Port ECH Antenna. AIP Conference Proceedings, 2007, , .	0.4	1
141	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
142	ITER ECRH-ECCD System Capabilities for Extended Physics Applications. Fusion Science and Technology, 2007, 52, 193-201.	1.1	42
143	Interaction of energetic particles with large and small scale instabilities. Nuclear Fusion, 2007, 47, 025.	3.5	92
144	Plasma wall interaction and its implication in an all tungsten divertor tokamak. Plasma Physics and Controlled Fusion, 2007, 49, B59-B70.	2.1	110

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145	EU developments of the ITER ECRH system. Fusion Engineering and Design, 2007, 82, 454-462.	1.9	33
146	PIC simulations of microturbulence in the presence of a magnetic island. AIP Conference Proceedings, 2006, , .	0.4	0
147	Ion and Electron Dynamics in Nonlinear PIC Simulations. AIP Conference Proceedings, 2006, , .	0.4	1
148	Beam tracing description of non-Gaussian wave beams. Physics of Plasmas, 2006, 13, 113304.	1.9	7
149	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
150	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
151	Kinetic calculation of the polarization current in the presence of a neoclassical tearing mode. Nuclear Fusion, 2005, 45, 384-390.	3.5	15
152	Overview of ASDEX Upgrade resultsâ€"development of integrated operating scenarios for ITER. Nuclear Fusion, 2005, 45, S98-S108.	3.5	28
153	Modeling of nonlinear electron cyclotron resonance heating and current drive in a tokamak. Physics of Plasmas, 2005, 12, 012502.	1.9	19
154	Role of Kinetic Effects on the Polarization Current around a Magnetic Island. Physical Review Letters, 2005, 94, 205001.	7.8	27
155	Collisionality dependence of the polarization current caused by a rotating magnetic island. Physics of Plasmas, 2005, 12, 072501.	1.9	22
156	Integrated modelling of the current profile in steady-state and hybrid ITER scenarios. Nuclear Fusion, 2005, 45, 1309-1320.	3.5	45
157	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
158	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
159	Overview of ASDEX Upgrade results. Nuclear Fusion, 2003, 43, 1570-1582.	3.5	20
160	Reduction of the Ion Drive and*Scaling of the Neoclassical Tearing Mode. Physical Review Letters, 2002, 88, 075001.	7.8	52
161	Steady state advanced scenarios at ASDEX Upgrade. Plasma Physics and Controlled Fusion, 2002, 44, B69-B83.	2.1	108
162	Performance, heating and current drive scenarios of ASDEX Upgrade advanced tokamak discharges. Nuclear Fusion, 2001, 41, 1259-1271.	3.5	43

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163	EC beam tracing in fusion plasmas. Fusion Engineering and Design, 2001, 53, 9-21.	1.9	39
164	TORBEAM, a beam tracing code for electron-cyclotron waves in tokamak plasmas. Computer Physics Communications, 2001, 136, 90-104.	7.5	212
165	Overview of ASDEX Upgrade results. Nuclear Fusion, 2001, 41, 1369-1389.	3.5	34
166	Boundary conditions for a Gaussian wave beam. Physics of Plasmas, 2001, 8, 4325-4330.	1.9	5
167	Paraxial Gaussian wave beam propagation in an anisotropic inhomogeneous plasma. Physics of Plasmas, 1999, 6, 5-11.	1.9	58
168	Implications of parasitic absorption of Electron Cyclotron waves on ITER operation around half-field. Nuclear Fusion, 0, , .	3.5	1
169	Simulation of Heating and Current Drive sources for scenarios of the ITER Research Plan. Nuclear Fusion, 0, , .	3.5	10
170	The modeling of a Tokamak plasma discharge, from first principles to a flight simulator. Plasma Physics and Controlled Fusion, 0, , .	2.1	9