

Egbert Westerhof

List of Publications by Year in descending order

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161
papers

4,305
citations

126907

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118850

62
g-index

165
all docs

165
docs citations

165
times ranked

1992
citing authors

#	ARTICLE	IF	CITATIONS
1	Chapter 3: MHD stability, operational limits and disruptions. Nuclear Fusion, 2007, 47, S128-S202.	3.5	951
2	Control of Neoclassical Tearing Modes by Sawtooth Control. Physical Review Letters, 2002, 88, 105001.	7.8	217
3	Chapter 6: Plasma auxiliary heating and current drive. Nuclear Fusion, 1999, 39, 2495-2539.	3.5	163
4	Electron thermal transport in RTP: filaments, barriers and bifurcations. Plasma Physics and Controlled Fusion, 1997, 39, B303-B316.	2.1	121
5	Benchmarking of codes for electron cyclotron heating and electron cyclotron current drive under ITER conditions. Nuclear Fusion, 2008, 48, 035006.	3.5	106
6	Strong Scattering of High Power Millimeter Waves in Tokamak Plasmas with Tearing Modes. Physical Review Letters, 2009, 103, 125001.	7.8	102
7	Fast-Ion Dynamics in the TEXTOR Tokamak Measured by Collective Thomson Scattering. Physical Review Letters, 2006, 97, 205005.	7.8	100
8	The JOREK non-linear extended MHD code and applications to large-scale instabilities and their control in magnetically confined fusion plasmas. Nuclear Fusion, 2021, 61, 065001.	3.5	85
9	Experimental characterization of anomalous strong scattering of mm-waves in TEXTOR plasmas with rotating islands. Plasma Physics and Controlled Fusion, 2013, 55, 115003.	2.1	84
10	Dependence of the threshold for perturbation field generated $m/n=2/1$ tearing modes on the plasma fluid rotation. Nuclear Fusion, 2006, 46, L1-L5.	3.5	82
11	Effect of Heating on the Suppression of Tearing Modes in Tokamaks. Physical Review Letters, 2007, 98, 035001.	7.8	79
12	Toroidal Plasma Rotation Induced by the Dynamic Ergodic Divertor in the TEXTOR Tokamak. Physical Review Letters, 2005, 94, 015003.	7.8	73
13	The electron cyclotron resonance experiment on TFR. Nuclear Fusion, 1988, 28, 1995-2025.	3.5	65
14	Tearing mode stabilization by electron cyclotron resonance heating demonstrated in the TEXTOR tokamak and the implication for ITER. Nuclear Fusion, 2007, 47, 85-90.	3.5	65
15	Tearing mode stabilization by local current density perturbations. Nuclear Fusion, 1990, 30, 1143-1147.	3.5	63
16	Effect of the dynamic ergodic divertor in the TEXTOR tokamak on MHD stability, plasma rotation and transport. Nuclear Fusion, 2005, 45, 1700-1707.	3.5	58
17	On the merits of heating and current drive for tearing mode stabilization. Nuclear Fusion, 2009, 49, 075002.	3.5	52
18	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

#	ARTICLE	IF	CITATIONS
19	Destabilization of Fast-Ion-Induced Long Sawteeth by Localized Current Drive in the JET Tokamak. <i>Physical Review Letters</i> , 2004, 92, 235004.	7.8	45
20	Integrated modelling of the current profile in steady-state and hybrid ITER scenarios. <i>Nuclear Fusion</i> , 2005, 45, 1309-1320.	3.5	45
21	A line-of-sight electron cyclotron emission receiver for electron cyclotron resonance heating feedback control of tearing modes. <i>Review of Scientific Instruments</i> , 2008, 79, 093503.	1.3	45
22	The European Integrated Tokamak Modelling (ITM) effort: achievements and first physics results. <i>Nuclear Fusion</i> , 2014, 54, 043018.	3.5	45
23	Sawtooth control in fusion plasmas. <i>Plasma Physics and Controlled Fusion</i> , 2005, 47, B121-B133.	2.1	44
24	Fast-ion redistribution due to sawtooth crash in the TEXTOR tokamak measured by collective Thomson scattering. <i>Plasma Physics and Controlled Fusion</i> , 2010, 52, 092001.	2.1	42
25	Temporal evolution of confined fast-ion velocity distributions measured by collective Thomson scattering in TEXTOR. <i>Physical Review E</i> , 2008, 77, 016407.	2.1	41
26	Control of sawteeth and triggering of NTMs with ion cyclotron resonance frequency waves in JET. <i>Nuclear Fusion</i> , 2002, 42, 1324-1334.	3.5	40
27	Real-time control of tearing modes using a line-of-sight electron cyclotron emission diagnostic. <i>Plasma Physics and Controlled Fusion</i> , 2010, 52, 104006.	2.1	40
28	Dynamics of fast ions during sawtooth oscillations in the TEXTOR tokamak measured by collective Thomson scattering. <i>Nuclear Fusion</i> , 2011, 51, 063014.	3.5	38
29	Current fast ion collective Thomson scattering diagnostics at TEXTOR and ASDEX Upgrade, and ITER plans (invited). <i>Review of Scientific Instruments</i> , 2006, 77, 10E514.	1.3	37
30	ECRH power deposition from a quasi-optical point of view. <i>Nuclear Fusion</i> , 2008, 48, 065003.	3.5	37
31	Requirements on localized current drive for the suppression of neoclassical tearing modes. <i>Nuclear Fusion</i> , 2011, 51, 103007.	3.5	37
32	Electron cyclotron resonance heating on TEXTOR. <i>Nuclear Fusion</i> , 2003, 43, 1371-1383.	3.5	35
33	Wave propagation through an electron cyclotron resonance layer. <i>Plasma Physics and Controlled Fusion</i> , 1997, 39, 1015-1029.	2.1	34
34	The dynamic ergodic divertor in the TEXTOR tokamak: plasma response to dynamic helical magnetic field perturbations. <i>Plasma Physics and Controlled Fusion</i> , 2004, 46, B143-B155.	2.1	34
35	On ion cyclotron current drive for sawtooth control. <i>Nuclear Fusion</i> , 2006, 46, S951-S964.	3.5	33
36	Fast ion millimeter wave collective Thomson scattering diagnostics on TEXTOR and ASDEX upgrades. <i>Review of Scientific Instruments</i> , 2004, 75, 3634-3636.	1.3	31

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37	Requirements on heating or current drive for tearing mode stabilization by current profile tailoring. Nuclear Fusion, 1987, 27, 1929-1934.	3.5	30
38	Heat pulse propagation studies around magnetic islands induced by the Dynamic Ergodic Divertor in TEXTOR. Nuclear Fusion, 2008, 48, 115005.	3.5	30
39	Comparison of measured and simulated fast ion velocity distributions in the TEXTOR tokamak. Plasma Physics and Controlled Fusion, 2011, 53, 105004.	2.1	28
40	Integrated modelling of island growth, stabilization and mode locking: consequences for NTM control on ITER. Plasma Physics and Controlled Fusion, 2012, 54, 094003.	2.1	28
41	Wave power flux and ray-tracing in regions of resonant absorption. Plasma Physics and Controlled Fusion, 2000, 42, 91-98.	2.1	27
42	Fast-ion dynamics in the TEXTOR tokamak measured by collective Thomson scattering. Plasma Physics and Controlled Fusion, 2007, 49, B551-B562.	2.1	26
43	Observations of sawtooth postcursor oscillations in JET and their bearing on the nature of the sawtooth collapse. Nuclear Fusion, 1989, 29, 1056-1061.	3.5	25
44	Magnetic Island Localization for NTM Control by ECE Viewed Along the Same Optical Path of the ECCD Beam. Fusion Science and Technology, 2009, 55, 188-203.	1.1	25
45	Electron magnetohydrodynamics of magnetized, inhomogeneous plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 241, 287-292.	2.1	24
46	Analysis of ion cyclotron heating and current drive at $\omega \approx 2\omega_{cH}$ for sawtooth control in JET plasmas*. Plasma Physics and Controlled Fusion, 2002, 44, 1521-1542.	2.1	24
47	Tearing mode physics studies applying the dynamic ergodic divertor on TEXTOR. Plasma Physics and Controlled Fusion, 2006, 48, B53-B61.	2.1	24
48	Analysis of electron cyclotron emission with extended electron cyclotron forward modeling. Plasma Physics and Controlled Fusion, 2018, 60, 105010.	2.1	24
49	Reduced core transport in T-10 and TEXTOR discharges at rational surfaces with low magnetic shear. Nuclear Fusion, 2004, 44, 1067-1074.	3.5	23
50	Overview of progress in European medium sized tokamaks towards an integrated plasma-edge/wall solution ^a . Nuclear Fusion, 2017, 57, 102014.	3.5	23
51	The role of asymmetries in the growth and suppression of neoclassical tearing modes. Plasma Physics and Controlled Fusion, 2011, 53, 035020.	2.1	22
52	Molecular dynamics simulations of ballistic He penetration into W fuzz. Nuclear Fusion, 2016, 56, 126015.	3.5	22
53	Overview of ASDEX Upgrade results. Nuclear Fusion, 2003, 43, 1570-1582.	3.5	20
54	Overview of Experiments with the Dynamic Ergodic Divertor on TEXTOR. Contributions To Plasma Physics, 2006, 46, 515-526.	1.1	19

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55	Electron Cyclotron Resonance Heating on TEXTOR. <i>Fusion Science and Technology</i> , 2005, 47, 108-118.	1.1	18
56	Consequences of finite transport on the effectiveness of ECCD for neoclassical tearing mode stabilization in ITER. <i>Nuclear Fusion</i> , 2009, 49, 095018.	3.5	18
57	Electron vortices in magnetized plasmas. <i>Physics of Plasmas</i> , 2001, 8, 3232-3250.	1.9	17
58	Electron vortex generation by strong, localized plasma heating. <i>Physics of Plasmas</i> , 2001, 8, 3957-3966.	1.9	16
59	Observation of the palm tree mode, a new MHD mode excited by type-I ELMs on JET. <i>Nuclear Fusion</i> , 2005, 45, 201-208.	3.5	16
60	Frequency measurements of the gyrotrons used for collective Thomson scattering diagnostics at TEXTOR and ASDEX Upgrade. <i>Review of Scientific Instruments</i> , 2006, 77, 10E524.	1.3	16
61	A closed-loop control system for stabilization of MHD events on TEXTOR. <i>Fusion Engineering and Design</i> , 2009, 84, 928-934.	1.9	16
62	Systematic design of a sawtooth period feedback controller using a Kadomtsevâ€™Porcelli sawtooth model. <i>Nuclear Fusion</i> , 2011, 51, 073024.	3.5	16
63	Wave power balance in resonant dissipative media with spatial and temporal dispersion. <i>Nuclear Fusion</i> , 2003, 43, 1295-1304.	3.5	15
64	Sawteeth, transport and electron cyclotron heating in T-10. <i>Nuclear Fusion</i> , 1988, 28, 565-576.	3.5	14
65	Transport code studies of m=2 mode control by local electron cyclotron heating in TFR. <i>Plasma Physics and Controlled Fusion</i> , 1988, 30, 1691-1699.	2.1	14
66	Current-vortex filament model of nonlinear AlfvÃ©n perturbations in a finite-pressure plasma. <i>Physics of Plasmas</i> , 1998, 5, 3833-3848.	1.9	14
67	Further analysis of the electron cyclotron current drive experiments on RTP. <i>Fusion Engineering and Design</i> , 2001, 53, 259-266.	1.9	14
68	Commissioning of inline ECE system within waveguide based ECRH transmission systems on ASDEX upgrade. <i>EPL Web of Conferences</i> , 2012, 32, 03006.	0.3	14
69	Non-linear effects in electron cyclotron current drive applied for the stabilization of neoclassical tearing modes. <i>Nuclear Fusion</i> , 2014, 54, 073001.	3.5	14
70	New insights into the generalized Rutherford equation for nonlinear neoclassical tearing mode growth from 2D reduced MHD simulations. <i>Nuclear Fusion</i> , 2016, 56, 036016.	3.5	14
71	Numerical and experimental study of the redistribution of energetic and impurity ions by sawteeth in ASDEX Upgrade. <i>Nuclear Fusion</i> , 2016, 56, 112012.	3.5	13
72	Fluid, kinetic and hybrid approaches for neutral and trace ion edge transport modelling in fusion devices. <i>Nuclear Fusion</i> , 2022, 62, 086051.	3.5	13

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73	ECCD calculations in ITER by means of the quasi-optical code. Nuclear Fusion, 2010, 50, 115008.	3.5	11
74	Consequences of plasma rotation for neoclassical tearing mode suppression by electron cyclotron current drive. Physics of Plasmas, 2012, 19, 092506.	1.9	11
75	Closure of the single fluid magnetohydrodynamic equations in presence of electron cyclotron current drive. Physics of Plasmas, 2014, 21, .	1.9	11
76	Impact of radial transport on the quasilinear plateau formation due to electron cyclotron wave absorption. Physics of Plasmas, 1996, 3, 1628-1633.	1.9	10
77	Numerical demonstration of injection locking of the sawtooth period by means of modulated EC current drive. Nuclear Fusion, 2011, 51, 103043.	3.5	10
78	Sawtooth period control strategies and designs for improved performance. Nuclear Fusion, 2012, 52, 074005.	3.5	10
79	Redistribution of fast ions during sawtooth reconnection. Nuclear Fusion, 2014, 54, 104013.	3.5	10
80	B2.5-Euromia simulations of Magnum-PSI detachment experiments: I. Quantitative comparisons with experimental measurements. Plasma Physics and Controlled Fusion, 2021, 63, 095006.	2.1	10
81	Electron cyclotron absorption and emission in the presence of a small population of streaming electrons. Plasma Physics and Controlled Fusion, 1986, 28, 629-645.	2.1	9
82	A model for bootstrap current calculations with bounce averaged Fokker-Planck codes. Computer Physics Communications, 1996, 95, 131-138.	7.5	9
83	Development and testing of a fast Fourier transform high dynamic-range spectral diagnostics for millimeter wave characterization. Review of Scientific Instruments, 2009, 80, 103504.	1.3	9
84	The influence of the edge density fluctuations on electron cyclotron wave beam propagation in tokamaks. Journal of Physics: Conference Series, 2010, 260, 012002.	0.4	9
85	Intermediate frequency band digitized high dynamic range radiometer system for plasma diagnostics and real-time Tokamak control. Review of Scientific Instruments, 2011, 82, 063508.	1.3	9
86	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
87	Evaluating neoclassical tearing mode detection with ECE for control on ITER. Nuclear Fusion, 2013, 53, 013005.	3.5	9
88	Early evolution of electron cyclotron driven current during suppression of tearing modes in a circular tokamak. Physics of Plasmas, 2016, 23, 102507.	1.9	9
89	Fast Ion Dynamics in Magnetically Confined Plasma Measured by Collective Thomson Scattering. Plasma and Fusion Research, 2007, 2, S1023-S1023.	0.7	9
90	Asymmetric wave transmission during electron cyclotron resonant heating. Plasma Physics and Controlled Fusion, 1995, 37, 525-540.	2.1	8

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91	Measurements of soft X-ray spectra in ECR-heated tokamak plasmas and a comparison with Fokker-Planck simulations. Plasma Physics and Controlled Fusion, 1993, 35, 693-710.	2.1	7
92	Comparison of ECE spectra as observed from the high- and low-field side. Plasma Physics and Controlled Fusion, 1998, 40, 1185-1199.	2.1	7
93	ICRF/ECR plasma production for wall conditioning in TEXTOR-94. AIP Conference Proceedings, 2001, , .	0.4	7
94	Ray-tracing through EC resonance and the wave energy flux. Fusion Engineering and Design, 2001, 53, 47-51.	1.9	7
95	Development of the 140GHz gyrotron and its subsystems for ECH and ECCD in TEXTOR. Fusion Engineering and Design, 2005, 74, 211-215.	1.9	7
96	Transportation of radiation through opaque magnetoactive plasmas by the means of parametrically induced transparency. Physics of Plasmas, 2006, 13, 072106.	1.9	6
97	Design of a feedback system to stabilise instabilities by ECRH using a combined ECW launcher and ECE receiver. Fusion Engineering and Design, 2007, 82, 1117-1123.	1.9	6
98	Systematic design and simulation of a tearing mode suppression feedback control system for the TEXTOR tokamak. Nuclear Fusion, 2012, 52, 074009.	3.5	6
99	Robust sawtooth period control based on adaptive online optimization. Nuclear Fusion, 2012, 52, 074006.	3.5	6
100	ECE for NTM control on ITER. EPJ Web of Conferences, 2012, 32, 03004.	0.3	6
101	On the energy flux of stationary electromagnetic waves in anisotropic dissipative media with spatial dispersion. Journal of Experimental and Theoretical Physics, 2000, 91, 1141-1146.	0.9	5
102	Spectral properties of decaying turbulence in electron magnetohydrodynamics. Physics of Plasmas, 2003, 10, 3077-3092.	1.9	5
103	Confinement and transport in EC heated RI-mode discharges in TEXTOR. Nuclear Fusion, 2004, 44, 533-541.	3.5	5
104	Fokker-Planck modeling of current penetration during electron cyclotron current drive. Physics of Plasmas, 2007, 14, 052508.	1.9	5
105	Resonance broadening as a consequence of strong focussing of electron cyclotron wave beams. Plasma Physics and Controlled Fusion, 2007, 49, 1509-1520.	2.1	5
106	Modification of the collective Thomson scattering radiometer in the search for parametric decay on TEXTOR. Review of Scientific Instruments, 2012, 83, 113508.	1.3	5
107	Electron Cyclotron Waves. Fusion Science and Technology, 2012, 61, 304-311.	1.1	5
108	Separation of transport in slow and fast time-scales using modulated heat pulse experiments (hysteresis in flux explained). Nuclear Fusion, 2018, 58, 106042.	3.5	5

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109	Role of core losses in drift-vortex interactions. <i>Physical Review E</i> , 1997, 56, 947-956.	2.1	4
110	Current-vortex filaments in magnetized plasmas. <i>Plasma Physics and Controlled Fusion</i> , 1999, 41, A709-A717.	2.1	4
111	ECE system on ASDEX-upgrade placed inline at the high power waveguide based transmission system. , 2009, , .		4
112	Wave Beam Propagation Through Density Fluctuations. <i>IEEE Transactions on Plasma Science</i> , 2011, 39, 3012-3013.	1.3	4
113	Inline ECE measurements for NTM control on ASDEX Upgrade. <i>Nuclear Fusion</i> , 2019, 59, 016013.	3.5	4
114	Comments on "Analysis of electron cyclotron current drive using neoclassical Fokker-Planck code without bounce-average approximation" [Phys. Plasmas 2, 4570 (1995)]. <i>Physics of Plasmas</i> , 1996, 3, 2827-2828.	1.9	3
115	Hot Plasma Dielectric Tensor. <i>Fusion Science and Technology</i> , 1998, 33, 139-144.	0.6	3
116	The ECW installation at the TEXTOR tokamak. <i>Fusion Engineering and Design</i> , 2003, 66-68, 515-519.	1.9	3
117	Nonlinear control for stabilization of small neoclassical tearing modes in ITER. <i>Nuclear Fusion</i> , 2012, 52, 063007.	3.5	3
118	Non-Inductive Current Drive. <i>Fusion Science and Technology</i> , 2012, 61, 312-319.	1.1	3
119	Summary of EC-17: the 17th Joint Workshop on Electron Cyclotron Emission and Electron Cyclotron Resonance Heating (Deurne, The Netherlands, 7-10 May 2012). <i>Nuclear Fusion</i> , 2013, 53, 027002.	3.5	3
120	A model-based, multichannel, real-time capable sawtooth crash detector. <i>Plasma Physics and Controlled Fusion</i> , 2016, 58, 075002.	2.1	3
121	Fundamental harmonic electron cyclotron emission for hot, loss-cone type distributions. <i>Plasma Physics and Controlled Fusion</i> , 1989, 31, 221-228.	2.1	2
122	Sawtooth and Neoclassical Tearing Mode seed island control by ICRF current drive on JET. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	2
123	Kinetic Theory of Plasma Waves - Part II: Homogeneous Plasma. <i>Fusion Science and Technology</i> , 2006, 49, 87-96.	1.1	2
124	Electron Cyclotron Waves. <i>Fusion Science and Technology</i> , 2006, 49, 195-201.	1.1	2
125	Design of the Remote-Steering ITER ECRH Upper-Port Launcher. , 2006, , .		2
126	Design of the remote-steering ITER ECRH upper-port launcher. <i>Fusion Engineering and Design</i> , 2007, 82, 627-632.	1.9	2

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127	Fast fourier transform based diagnostics for spectral characterization of millimeter waves in tokamaks. , 2009, , .		2
128	Electron Cyclotron Waves. Fusion Science and Technology, 2010, 57, 214-221.	1.1	2
129	Modelling of tearing mode suppression experiments in TEXTOR based on the generalized Rutherford equation. Nuclear Fusion, 2011, 51, 043007.	3.5	2
130	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
131	Electron Cyclotron Heating and Current Drive. Fusion Science and Technology, 1998, 33, 235-240.	0.6	2
132	Imaging Meso-Scale Structures in TEXTOR with 2D-ECE. Plasma and Fusion Research, 2007, 2, S1031-S1031.	0.7	2
133	Controlled fusion and plasma heating (Report on the 17th European Conference, Amsterdam, The) Tj ETQq1 1 0.784314 rgBT ₁ /Overlook	3.5	1
134	Control oriented modeling and simulation of the sawtooth instability in nuclear fusion tokamak plasmas. , 2009, , .		1
135	Kinetic Theory of Plasma Waves: Part II: Homogeneous Plasma. Fusion Science and Technology, 2010, 57, 92-101.	1.1	1
136	Comment on "The role of the RF induced electric field in the current drive by EC waves in the presence of magnetic islands"™. Nuclear Fusion, 2011, 51, 068001.	3.5	1
137	Topology of the warm plasma dispersion relation at the second harmonic electron cyclotron resonance layer. Physics of Plasmas, 2021, 28, 012507.	1.9	1
138	FIRST RESULTS OF THE TEXTOR LINE OF SIGHT ECE SYSTEM FOR ECRH FEEDBACK. , 2009, , .		1
139	Response to "Comment on "Electron vortices in magnetized plasmas"™ [Phys. Plasmas8, 5061 (2001)]. Physics of Plasmas, 2001, 8, 5063-5063.	1.9	0
140	Kinetic Theory of Plasma Waves - Part II: Homogeneous Plasma. Fusion Science and Technology, 2004, 45, 159-168.	1.1	0
141	Modification of Sawtooth Oscillations with ICRF Waves in the JET Tokamak. AIP Conference Proceedings, 2007, , .	0.4	0
142	A new approach for diagnostics of dense magnetoactive plasmas using the effect of parametrically induced transparency. Radiophysics and Quantum Electronics, 2007, 50, 464-476.	0.5	0
143	Electron Cyclotron Waves. Fusion Science and Technology, 2008, 53, 202-209.	1.1	0
144	Kinetic Theory of Plasma Waves - Part II: Homogeneous Plasma. Fusion Science and Technology, 2008, 53, 91-100.	1.1	0

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145	The effect of the radial diffusion on the effectiveness of ECCD for neoclassical tearing mode stabilization in ITER. , 2009, , .		0
146	Non-Inductive Current Drive. Fusion Science and Technology, 2010, 57, 222-229.	1.1	0
147	Closed loop control of the sawtooth instability in nuclear fusion. , 2010, , .		0
148	Utilization of collinear ECE detection/ECRH heating for active stabilization of plasma instabilities. , 2010, , .		0
149	Control of sawteeth and neo-classical tearing modes in tokamaks using electron cyclotron waves. , 2011, , .		0
150	ECCD requirements for the NTM suppression. AIP Conference Proceedings, 2011, , .	0.4	0
151	Robust adaptive control of the sawtooth instability in nuclear fusion. , 2012, , .		0
152	Dynamical modelling of neoclassical tearing mode suppression by ECCD. EPJ Web of Conferences, 2012, 32, 01010.	0.3	0
153	Toward 3D MHD modeling of neoclassical tearing mode suppression by ECCD. EPJ Web of Conferences, 2012, 32, 01014.	0.3	0
154	A new mechanism for sawtooth period control. EPJ Web of Conferences, 2012, 32, 02008.	0.3	0
155	Closure of the single fluid magnetohydrodynamic equations in presence of electron cyclotron current drive. EPJ Web of Conferences, 2015, 87, 01005.	0.3	0
156	Kinetic Theory of Plasma Waves: Part II Homogeneous Plasma. Fusion Science and Technology, 2000, 37, 118-127.	0.6	0
157	ECRH EXPERIMENTS ON TEARING MODE PHYSICS AT TEXTOR. , 2009, , .		0
158	QUASI-OPTICAL CALCULATIONS OF ECRH POWER DEPOSITION. , 2009, , .		0
159	FOURIER TRANSFORM BASED ECE SYSTEMS FOR REAL TIME TEARING MODE CONTROL IN TOKAMAKS. , 2011, , .		0
160	CONTROL ORIENTED ANALYSIS AND FEEDBACK CONTROL OF A SAWTOOTH INSTABILITY MODEL. , 2011, , .		0
161	Summary of papers presented in the Theory and Modelling session. EPJ Web of Conferences, 2012, 32, 01001.	0.3	0