

Alexander Huber

List of Publications by Year in descending order

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2657
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#	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	Influence of the impurities in the hybrid discharges with high power in JET ILW. Nuclear Fusion, 2022, 62, 066010.	3.5	5
3	Shattered pellet injection experiments at JET in support of the ITER disruption mitigation system design. Nuclear Fusion, 2022, 62, 026012.	3.5	25
4	Physics of runaway electrons with shattered pellet injection at JET. Plasma Physics and Controlled Fusion, 2022, 64, 034002.	2.1	7
5	Isotope removal experiment in JET-ILW in view of T-removal after the 2nd DT campaign at JET. Physica Scripta, 2022, 97, 044001.	2.5	7
6	Measuring gross beryllium erosion with visible cameras in JET. Nuclear Fusion, 2022, 62, 126001.	3.5	2
7	Scaling of impurity fractions for divertor detachment in high-density high-power operation scenarios. Nuclear Fusion, 2021, 61, 036049.	3.5	2
8	The role of edge plasma parameters in H-mode density limit on the JET-ILW. Nuclear Fusion, 2021, 61, 066009.	3.5	7
9	Impurity behaviour in JET-ILW plasmas fuelled with gas and/or with pellets: a comparative study with the transport code COREDIV. Nuclear Fusion, 2021, 61, 066027.	3.5	1
10	TECXY simulations of Ne seeding in JET high power scenarios. Nuclear Materials and Energy, 2021, 27, 100962.	1.3	1
11	Summary of the IAEA technical meeting on plasma disruptions and their mitigation. Nuclear Fusion, 2021, 61, 077001.	3.5	4
12	Parameter dependencies of the experimental nitrogen concentration required for detachment on ASDEX Upgrade and JET. Nuclear Materials and Energy, 2021, 28, 101000.	1.3	2
13	Impact of divertor configuration on recycling neutral fluxes for ITER-like wall in JET H-mode plasmas. Plasma Physics and Controlled Fusion, 2020, 62, 035006.	2.1	8
14	Observations with fast visible cameras in high power Deuterium plasma experiments in the JET ITER-like wall tokamak. Nuclear Materials and Energy, 2020, 25, 100837.	1.3	5
15	Erosion and screening of tungsten during inter/intra-ELM periods in the JET-ILW divertor. Nuclear Materials and Energy, 2020, 25, 100859.	1.3	7
16	Metallography and mechanical parameters of plasma-exposed plasma-facing materials and components. Physica Scripta, 2020, T171, 014042.	2.5	5
17	An insight on beryllium dust sources in the JET ITER-like wall based on numerical simulations. Plasma Physics and Controlled Fusion, 2020, 62, 064001.	2.1	8
18	Peculiarity of highly radiating multi-impurity seeded H-mode plasmas on JET with ITER-like wall. Physica Scripta, 2020, T171, 014055.	2.5	10

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19	Estimation of ELM effects on Be and W erosion at JET-ILW. <i>Physica Scripta</i> , 2020, T171, 014027.	2.5	1
20	Fuel Retention Diagnostic Setup (FREDIS) for desorption of gases from beryllium and tritium containing samples. <i>Fusion Engineering and Design</i> , 2019, 146, 1176-1180.	1.9	9
21	Erosion, screening, and migration of tungsten in the JET divertor. <i>Nuclear Fusion</i> , 2019, 59, 096035.	3.5	60
22	Characterisation of highly radiating neon seeded plasmas in JET-ILW. <i>Nuclear Fusion</i> , 2019, 59, 126031.	3.5	37
23	Demonstration of improvement in 2D tomographic reconstructions of filtered cameras in the JET ITER-like wall divertor due to corrected interpretation of reflections. <i>Journal of Instrumentation</i> , 2019, 14, C10013-C10013.	1.2	1
24	Modelling of tungsten erosion and deposition in the divertor of JET-ILW in comparison to experimental findings. <i>Nuclear Materials and Energy</i> , 2019, 18, 239-244.	1.3	24
25	The software and hardware architecture of the real-time protection of in-vessel components in JET-ILW. <i>Nuclear Fusion</i> , 2019, 59, 076016.	3.5	9
26	Beryllium global erosion and deposition at JET-ILW simulated with ERO2.0. <i>Nuclear Materials and Energy</i> , 2019, 18, 331-338.	1.3	36
27	Physically principled reflection models applied to filtered camera imaging inversions in metal walled fusion machines. <i>Review of Scientific Instruments</i> , 2019, 90, 043504.	1.3	23
28	COREDIV numerical simulation of high neutron rate JET-ILW DD pulses in view of extension to JET-ILW DT experiments. <i>Nuclear Fusion</i> , 2019, 59, 056026.	3.5	4
29	Hydrogen isotope ratios measurements by Penning gauge spectroscopy of molecular Fulcher- $\hat{\pm}$ band. <i>Fusion Engineering and Design</i> , 2019, 146, 1325-1328.	1.9	0
30	Micro-structured tungsten: an advanced plasma-facing material. <i>Nuclear Materials and Energy</i> , 2019, 19, 7-12.	1.3	16
31	Effect of reflections on 2D tomographic reconstructions of filtered cameras and on interpreting spectroscopic measurements in the JET ITER-like wall divertor. <i>Review of Scientific Instruments</i> , 2019, 90, .	1.3	22
32	Determination of tungsten sources in the JET-ILW divertor by spectroscopic imaging in the presence of a strong plasma continuum. <i>Nuclear Materials and Energy</i> , 2019, 18, 118-124.	1.3	16
33	Investigation into the formation of the scrape-off layer density shoulder in JET ITER-like wall L-mode and H-mode plasmas. <i>Nuclear Fusion</i> , 2018, 58, 056001.	3.5	38
34	On the role of finite grid extent in SOLPS-ITER edge plasma simulations for JET H-mode discharges with metallic wall. <i>Nuclear Materials and Energy</i> , 2018, 17, 174-181.	1.3	8
35	NEUTRON RADIATION DAMAGE IN CCD CAMERAS AT JOINT EUROPEAN TORUS (JET). <i>Radiation Protection Dosimetry</i> , 2018, 180, 109-114.	0.8	1
36	Real-time protection of the JET ITER-like wall based on near infrared imaging diagnostic systems. <i>Nuclear Fusion</i> , 2018, 58, 106021.	3.5	14

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37	High power neon seeded JET discharges: Experiments and simulations. Nuclear Materials and Energy, 2017, 12, 882-886.	1.3	13
38	Improving accuracy of Penning gauge spectroscopy for the determination of hydrogen isotope H/D ratios. Fusion Engineering and Design, 2017, 123, 906-910.	1.9	5
39	Scaling for the SOL/separatrix following from the heuristic drift model for the power scrape-off layer width. Plasma Physics and Controlled Fusion, 2017, 59, 064007.	2.1	3
40	The effect of the isotope on the H-mode density limit. Nuclear Fusion, 2017, 57, 086007.	3.5	9
41	JUVIL: A new innovative software framework for data analysis of JET imaging systems intended for the study of plasma physics and machine operational safety. Fusion Engineering and Design, 2017, 123, 979-985.	1.9	10
42	Power exhaust by SOL and pedestal radiation at ASDEX Upgrade and JET. Nuclear Materials and Energy, 2017, 12, 111-118.	1.3	92
43	Influence of the base temperature on the performance of tungsten under thermal and particle exposure. Nuclear Materials and Energy, 2017, 12, 1348-1351.	1.3	5
44	Comparative H-mode density limit studies in JET and AUG. Nuclear Materials and Energy, 2017, 12, 100-110.	1.3	13
45	Overview of progress in European medium sized tokamaks towards an integrated plasma-edge/wall solution. Nuclear Fusion, 2017, 57, 102014.	3.5	23
46	Simulation of JET ITER-Like Wall pulses at high neon seeding rate. Nuclear Fusion, 2017, 57, 126021.	3.5	10
47	Dynamics and stability of divertor detachment in H-mode plasmas on JET. Plasma Physics and Controlled Fusion, 2017, 59, 095003.	2.1	34
48	Quartz micro-balance results of pulse-resolved erosion/deposition in the JET-ILW divertor. Nuclear Materials and Energy, 2017, 12, 478-482.	1.3	6
49	The isotope effect on divertor conditions and neutral pumping in horizontal divertor configurations in JET-ILW Ohmic plasmas. Nuclear Materials and Energy, 2017, 12, 791-797.	1.3	10
50	Response of the imaging cameras to hard radiation during JET operation. Fusion Engineering and Design, 2017, 123, 669-673.	1.9	9
51	Overview of wall probes for erosion and deposition studies in the TEXTOR tokamak. Matter and Radiation at Extremes, 2017, 2, 87-104.	3.9	23
52	Digital twin applications for the JET divertor. Fusion Engineering and Design, 2017, 125, 71-76.	1.9	29
53	The near infrared imaging system for the real-time protection of the JET ITER-like wall. Physica Scripta, 2017, T170, 014027.	2.5	8
54	First ERO2.0 modeling of Be erosion and non-local transport in JET ITER-like wall. Physica Scripta, 2017, T170, 014018.	2.5	27

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55	Recent developments of in-vessel calibration of mid-IR cameras at JET. Review of Scientific Instruments, 2016, 87, 11D419.	1.3	11
56	Time resolved imaging of laser induced ablation spectroscopy (LIAS) in TEXTOR and comparison with modeling. Physica Scripta, 2016, T167, 014034.	2.5	13
57	In-vessel calibration of the imaging diagnostics for the real-time protection of the JET ITER-like wall. Review of Scientific Instruments, 2016, 87, 11D430.	1.3	9
58	Deuterium retention in tungsten under combined high cycle ELM-like heat loads and steady-state plasma exposure. Nuclear Materials and Energy, 2016, 9, 157-164.	1.3	7
59	Influence of helium induced nanostructures on the thermal shock performance of tungsten. Nuclear Materials and Energy, 2016, 9, 177-180.	1.3	27
60	Impact of divertor geometry on radiative divertor performance in JET H-mode plasmas. Plasma Physics and Controlled Fusion, 2016, 58, 045011.	2.1	25
61	Melt-layer formation on PFMs and the consequences for the material performance. Nuclear Materials and Energy, 2016, 9, 153-156.	1.3	0
62	Modification of preheated tungsten surface after irradiation at the GOL-3 facility. Fusion Engineering and Design, 2016, 113, 66-70.	1.9	7
63	Core-SOL Modelling of Neon Seeded JET Discharges with the ITER-like Wall. Contributions To Plasma Physics, 2016, 56, 748-753.	1.1	2
64	Modeling of crack formation after pulse heat load in ITER-grade tungsten. AIP Conference Proceedings, 2016, , .	0.4	2
65	Comparison of H-mode plasmas in JET-ILW and JET-C with and without nitrogen seeding. Nuclear Fusion, 2016, 56, 046012.	3.5	25
66	Sequential and simultaneous thermal and particle exposure of tungsten. Physica Scripta, 2016, T167, 014053.	2.5	12
67	Impact on the deuterium retention of simultaneous exposure of tungsten to a steady state plasma and transient heat cycling loads. Physica Scripta, 2016, T167, 014046.	2.5	9
68	Optical Coatings as Mirrors for Optical Diagnostics. Journal of Coating Science and Technology, 2016, 2, 72-78.	0.3	16
69	Interpretation of radiative divertor studies with impurity seeding in type-I ELMy H-mode plasmas in JET-ILW using EDGE2Dâ€“EIRENE. Journal of Nuclear Materials, 2015, 463, 135-142.	2.7	24
70	Divertor plasma conditions and neutral dynamics in horizontal and vertical divertor configurations in JET-ILW low confinement mode plasmas. Journal of Nuclear Materials, 2015, 463, 471-476.	2.7	20
71	Linear Plasma Device PSI-2 for Plasma-Material Interaction Studies. Fusion Science and Technology, 2015, 68, 8-14.	1.1	139
72	Formation of the high density front in the inner far SOL at ASDEX Upgrade and JET. Journal of Nuclear Materials, 2015, 463, 541-545.	2.7	57

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73	Material deposition on inner divertor quartz-micro balances during ITER-like wall operation in JET. Journal of Nuclear Materials, 2015, 463, 796-799.	2.7	8
74	Density limit of H-mode plasmas on JET-ILW. Journal of Nuclear Materials, 2015, 463, 445-449.	2.7	10
75	Beryllium migration in JET ITER-like wall plasmas. Nuclear Fusion, 2015, 55, 063021.	3.5	83
76	Impact of combined hydrogen plasma and transient heat loads on the performance of tungsten as plasma facing material. Nuclear Fusion, 2015, 55, 123017.	3.5	44
77	The H-mode density limit in the full tungsten ASDEX Upgrade tokamak. Plasma Physics and Controlled Fusion, 2015, 57, 014038.	2.1	70
78	Progress at JET in integrating ITER-relevant core and edge plasmas within the constraints of an ITER-like wall. Plasma Physics and Controlled Fusion, 2015, 57, 035004.	2.1	64
79	High heat-flux self-rotating plasma-facing component: Concept and loading test in TEXTOR. Journal of Nuclear Materials, 2015, 463, 1252-1255.	2.7	1
80	Theoretical investigation of crack formation in tungsten after heat loads. Journal of Nuclear Materials, 2015, 463, 246-249.	2.7	28
81	Calculation of cracking under pulsed heat loads in tungsten manufactured according to ITER specifications. Journal of Nuclear Materials, 2015, 467, 165-171.	2.7	24
82	Combined impact of transient heat loads and steady-state plasma exposure on tungsten. Fusion Engineering and Design, 2015, 98-99, 1328-1332.	1.9	16
83	In-situ analysis of the first wall by laser-induced breakdown spectroscopy in the TEXTOR tokamak: Dependence on the magnetic field strength. Journal of Nuclear Materials, 2015, 463, 911-914.	2.7	26
84	Investigation of the impact of transient heat loads applied by laser irradiation on ITER-grade tungsten. Physica Scripta, 2014, T159, 014005.	2.5	65
85	Influence of atomic physics on EDGE2D-EIRENE simulations of JET divertor detachment with carbon and beryllium/tungsten plasma-facing components. Nuclear Fusion, 2014, 54, 093012.	3.5	35
86	Movement of liquid beryllium during melt events in JET with ITER-like wall. Physica Scripta, 2014, T159, 014041.	2.5	13
87	In situ deuterium inventory measurements of a-C:D layers on tungsten in TEXTOR by laser induced ablation spectroscopy. Physica Scripta, 2014, T159, 014054.	2.5	5
88	Removable samples for ITER—a feasibility and conceptual study. Physica Scripta, 2014, T159, 014004.	2.5	6
89	Analysis and removal of ITER relevant materials and deposits by laser ablation. Journal of Nuclear Materials, 2014, 455, 180-184.	2.7	13
90	Long-term evolution of the impurity composition and impurity events with the ITER-like wall at JET. Nuclear Fusion, 2013, 53, 073043.	3.5	35

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91	Hydrogen retention in tungsten materials studied by Laser Induced Desorption. Journal of Nuclear Materials, 2013, 438, S1155-S1159.	2.7	15
92	EDGE2D-EIRENE modelling of divertor detachment in JET high triangularity L-mode plasmas in carbon and Be/W environment. Journal of Nuclear Materials, 2013, 438, S638-S642.	2.7	9
93	Analysis of energy cross-transport during MGI: JET experiments and TOKES simulations. Fusion Engineering and Design, 2013, 88, 1127-1131.	1.9	4
94	Impact and mitigation of disruptions with the ITER-like wall in JET. Nuclear Fusion, 2013, 53, 093007.	3.5	81
95	Impact of carbon and tungsten as divertor materials on the scrape-off layer conditions in JET. Nuclear Fusion, 2013, 53, 093016.	3.5	91
96	Impact of nitrogen seeding on confinement and power load control of a high-triangularity JET ELMy H-mode plasma with a metal wall. Nuclear Fusion, 2013, 53, 113025.	3.5	118
97	Technical challenges in the construction of the steady-state stellarator Wendelstein 7-X. Nuclear Fusion, 2013, 53, 126001.	3.5	77
98	Impact of the ITER-like wall on divertor detachment and on the density limit in the JET tokamak. Journal of Nuclear Materials, 2013, 438, S139-S147.	2.7	76
99	A new radiation-hard endoscope for divertor spectroscopy on JET. Fusion Engineering and Design, 2013, 88, 1361-1365.	1.9	11
100	Deuterium Balmer/Stark spectroscopy and impurity profiles: First results from mirror-link divertor spectroscopy system on the JET ITER-like wall. Journal of Nuclear Materials, 2013, 438, S607-S611.	2.7	23
101	Applying multi-physics requirements and loads in FEM analysis and testingâ€”The JET KL11 endoscope design verification process. Fusion Engineering and Design, 2013, 88, 1428-1432.	1.9	4
102	ICRF specific plasma wall interactions in JET with the ITER-like wall. Journal of Nuclear Materials, 2013, 438, S160-S165.	2.7	35
103	Development of ITER relevant laser techniques for deposited layer characterisation and tritium inventory. Journal of Nuclear Materials, 2013, 438, S936-S939.	2.7	35
104	Disruption heat loads and their mitigation in JET with the ITER-like wall. Journal of Nuclear Materials, 2013, 438, S102-S107.	2.7	22
105	Target particle and heat loads in low-triangularity L-mode plasmas in JET with carbon and beryllium/tungsten walls. Journal of Nuclear Materials, 2013, 438, S175-S179.	2.7	16
106	Application of laser-induced breakdown spectroscopy for characterization of material deposits and tritium retention in fusion devices. Fusion Engineering and Design, 2013, 88, 1813-1817.	1.9	31
107	Investigation of advanced materials for fusion alpha particle diagnostics. Fusion Engineering and Design, 2013, 88, 533-536.	1.9	1
108	Molecular deuterium behaviour in tungsten divertor on JET. Journal of Nuclear Materials, 2013, 438, S1100-S1103.	2.7	8

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109	Engineering aspects of a fully mirrored endoscope. Fusion Engineering and Design, 2013, 88, 1400-1404.	1.9	3
110	Development of laser-based techniques for <i>in situ</i> characterization of the first wall in ITER and future fusion devices. Nuclear Fusion, 2013, 53, 093002.	3.5	99
111	Fuel retention studies with the ITER-Like Wall in JET. Nuclear Fusion, 2013, 53, 083023.	3.5	193
112	GDMT-T: Superconducting Linear Device for PMI Studies. Fusion Science and Technology, 2013, 63, 184-187.	1.1	4
113	Investigation of the Impact on Tungsten of Transient Heat Loads Induced by Laser Irradiation, Electron Beams and Plasma Guns. Fusion Science and Technology, 2013, 63, 197-200.	1.1	23
114	Development of a mirror-based endoscope for divertor spectroscopy on JET with the new ITER-like wall (invited). Review of Scientific Instruments, 2012, 83, 10D511.	1.3	49
115	Integration of a radiative divertor for heat load control into JET high triangularity ELMy H-mode plasmas. Nuclear Fusion, 2012, 52, 063022.	3.5	58
116	The impact of the ITER-like wall at JET on disruptions. Plasma Physics and Controlled Fusion, 2012, 54, 124032.	2.1	70
117	Efficiency of fuel removal techniques tested on plasma-facing components from the TEXTOR tokamak. Fusion Engineering and Design, 2012, 87, 935-940.	1.9	7
118	Verification of TOKES simulations against the MGI experiments in JET. Fusion Engineering and Design, 2012, 87, 1195-1200.	1.9	7
119	A protection system for the JET ITER-like wall based on imaging diagnostics. Review of Scientific Instruments, 2012, 83, 10D727.	1.3	47
120	First fusion proton measurements in TEXTOR plasmas using activation technique. Review of Scientific Instruments, 2012, 83, 10D318.	1.3	0
121	Integrated modelling of a JET type-I ELMy H-mode pulse and predictions for ITER-like wall scenarios. Plasma Physics and Controlled Fusion, 2011, 53, 124039.	2.1	23
122	Multi-parameter scaling of divertor power load profiles in D, H and He plasmas on JET and implications for ITER. Nuclear Fusion, 2011, 51, 083028.	3.5	31
123	Development of laser-based diagnostics for surface characterisation of wall components in fusion devices. Fusion Engineering and Design, 2011, 86, 1336-1340.	1.9	64
124	Laser induced desorption as tritium retention diagnostic method in ITER. Fusion Engineering and Design, 2011, 86, 1332-1335.	1.9	21
125	Magnetic energy flows during the current quench and termination of disruptions with runaway current plateau formation in JET and implications for ITER. Nuclear Fusion, 2011, 51, 073004.	3.5	52
126	Disruption mitigation by massive gas injection in JET. Nuclear Fusion, 2011, 51, 123010.	3.5	148

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127	<i>In situ</i> measurements of fuel retention by laser induced desorption spectroscopy in TEXTOR. Physica Scripta, 2011, T145, 014027.	2.5	8
128	Moderation of target loads using fuelling and impurity seeding on JET. Journal of Nuclear Materials, 2011, 415, S313-S317.	2.7	15
129	Plasma surface interactions during tokamak disruptions and rapid shutdowns. Journal of Nuclear Materials, 2011, 415, S27-S34.	2.7	36
130	Influence of cross-field drifts and chemical sputtering on simulations of divertor particle and heat loads in ohmic and L-mode plasmas in DIII-D, AUG, and JET using UEDGE. Journal of Nuclear Materials, 2011, 415, S530-S534.	2.7	21
131	Overview of experimental preparation for the ITER-Like Wall at JET. Journal of Nuclear Materials, 2011, 415, S936-S942.	2.7	29
132	Deposition and re-erosion studies by means of local impurity injection in TEXTOR. Journal of Nuclear Materials, 2011, 415, S239-S245.	2.7	25
133	Radiation loads onto plasma-facing components of JET during transient events – Experimental results and implications for ITER. Journal of Nuclear Materials, 2011, 415, S821-S827.	2.7	18
134	Heat load measurements on the JET first wall during disruptions. Journal of Nuclear Materials, 2011, 415, S817-S820.	2.7	22
135	In situ characterisation of hydrocarbon layers in TEXTOR by laser induced ablation and laser induced breakdown spectroscopy. Journal of Nuclear Materials, 2011, 415, S1195-S1198.	2.7	32
136	Plasma surface interactions in impurity seeded plasmas. Journal of Nuclear Materials, 2011, 415, S19-S26.	2.7	116
137	Power handling of a segmented bulk W tile for JET under realistic plasma scenarios. Journal of Nuclear Materials, 2011, 415, S943-S947.	2.7	16
138	Laser-based and thermal methods for fuel removal and cleaning of plasma-facing components. Journal of Nuclear Materials, 2011, 415, S801-S804.	2.7	18
139	Characterization of hydrocarbon and mixed layers in TEXTOR by laser induced ablation spectroscopy. Physica Scripta, 2011, T145, 014026.	2.5	6
140	Power load characterization for type-I ELMy H-modes in JET. Nuclear Fusion, 2011, 51, 123001.	3.5	26
141	Study of the feasibility of applying laser-induced breakdown spectroscopy for <i>in-situ</i> characterization of deposited layers in fusion devices. Physica Scripta, 2011, T145, 014028.	2.5	31
142	Poloidal distribution of recycling sources and core plasma fueling in DIII-D, ASDEX-Upgrade and JET L-mode plasmas. Plasma Physics and Controlled Fusion, 2011, 53, 124017.	2.1	22
143	Moderation of divertor heat loads by fuelling and impurity seeding in well-confined ELMy H-mode plasmas on JET. Nuclear Fusion, 2011, 51, 042001.	3.5	19
144	Fuel retention in impurity seeded discharges in JET after Be evaporation. Nuclear Fusion, 2011, 51, 073007.	3.5	15

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145	Demonstration of real-time control of impurity seeding plus outboard strike-point sweeping in JET ELMy H-mode plasmas. Nuclear Fusion, 2011, 51, 082001.	3.5	4
146	Active control of type-I edge localized modes with $n=1$ and $n=2$ fields on JET. Nuclear Fusion, 2010, 50, 025013.	3.5	86
147	Observation of Confined Current Ribbon in JET Plasmas. Physical Review Letters, 2010, 104, 185003.	7.8	37
148	Determination of rate coefficients for fusion-relevant atoms and molecules by modelling and measurement in the boundary layer of TEXTOR. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 144017.	1.5	47
149	JET disruption studies in support of ITER. Plasma Physics and Controlled Fusion, 2010, 52, 124018.	2.1	71
150	Progress in understanding halo current at JET. Nuclear Fusion, 2009, 49, 055012.	3.5	37
151	Integrated scenario with type-III ELMy H-mode edge: extrapolation to ITER. Nuclear Fusion, 2009, 49, 095012.	3.5	36
152	Heat loads on plasma facing components during disruptions on JET. Nuclear Fusion, 2009, 49, 085038.	3.5	29
153	Laser techniques implementation for wall surface characterization and conditioning. Physica Scripta, 2009, T138, 014008.	2.5	33
154	Plasma radiation distribution and radiation loads onto the vessel during transient events in JET. Journal of Nuclear Materials, 2009, 390-391, 830-834.	2.7	16
155	Effect of disruptions on fuel release from JET walls. Journal of Nuclear Materials, 2009, 390-391, 478-481.	2.7	19
156	Highly radiating type-III ELMy H-mode with low plasma core pollution. Journal of Nuclear Materials, 2009, 390-391, 238-241.	2.7	12
157	Divertor heat load in ITER-like advanced tokamak scenarios on JET. Journal of Nuclear Materials, 2009, 390-391, 263-266.	2.7	3
158	The impact of divertor detachment on carbon sources in JET L-mode discharges. Journal of Nuclear Materials, 2009, 390-391, 267-273.	2.7	14
159	In situ detection of hydrogen retention in TEXTOR by laser induced desorption. Journal of Nuclear Materials, 2009, 390-391, 576-580.	2.7	17
160	The impact of large ELMs on JET. Journal of Nuclear Materials, 2009, 390-391, 755-759.	2.7	32
161	Ion cyclotron wall conditioning in reactive gases on TEXTOR. Journal of Nuclear Materials, 2009, 390-391, 979-982.	2.7	14
162	Dust studies in DIII-D and TEXTOR. Nuclear Fusion, 2009, 49, 085022.	3.5	65

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163	Numerical modelling of high density JET divertor plasma with the SOLPS4.2 (B2-EIRENE) code. Plasma Physics and Controlled Fusion, 2008, 50, 105012.	2.1	84
164	Hybrid H-mode scenario with nitrogen seeding and type III ELMs in JET. Plasma Physics and Controlled Fusion, 2008, 50, 115012.	2.1	12
165	Septum assessment of the JET gas box divertor. Plasma Physics and Controlled Fusion, 2008, 50, 095015.	2.1	19
166	Pedestal and ELM response to impurity seeding in JET advanced scenario plasmas. Nuclear Fusion, 2008, 48, 095004.	3.5	44
167	Prospects for steady-state scenarios on JET. Nuclear Fusion, 2007, 47, 1285-1292.	3.5	18
168	Development of steady-state scenarios compatible with ITER-like wall conditions. Plasma Physics and Controlled Fusion, 2007, 49, B529-B550.	2.1	33
169	ELM transport in the JET scrape-off layer. Nuclear Fusion, 2007, 47, 1437-1448.	3.5	84
170	Active control of type-I edge localized modes on JET. Plasma Physics and Controlled Fusion, 2007, 49, B581-B589.	2.1	54
171	Experience with bulk tungsten test-limiters under high heat loads: melting and melt layer propagation. Physica Scripta, 2007, T128, 81-86.	2.5	51
172	JET new diagnostic capability on the route to ITER. Fusion Engineering and Design, 2007, 82, 1161-1166.	1.9	5
173	Upgraded bolometer system on JET for improved radiation measurements. Fusion Engineering and Design, 2007, 82, 1327-1334.	1.9	73
174	Erosion of a tungsten limiter under high heat flux in TEXTOR. Journal of Nuclear Materials, 2007, 363-365, 96-100.	2.7	38
175	Improved radiation measurements on JET – First results from an upgraded bolometer system. Journal of Nuclear Materials, 2007, 363-365, 365-370.	2.7	27
176	H-mode access in the low density regime on JET. Plasma Physics and Controlled Fusion, 2006, 48, 479-488.	2.1	39
177	Mixed and High-Z Plasma-Facing Materials in TEXTOR. Springer Series in Chemical Physics, 2005, , 319-333.	0.2	2
178	Plasma Edge Diagnostics for TEXTOR. Fusion Science and Technology, 2005, 47, 209-219.	1.1	20
179	Limiter Lock Systems at TEXTOR: Flexible Tools for Plasma-Wall Investigation. Fusion Science and Technology, 2005, 47, 138-145.	1.1	62
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