List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Investigation of plasma wall interactions between tungsten plasma facing components and helium plasmas in the WEST tokamak. Nuclear Fusion, 2022, 62, 076028.	1.6	22
2	Plasma–surface interaction in the stellarator W7-X: conclusions drawn from operation with graphite plasma-facing components. Nuclear Fusion, 2022, 62, 016006.	1.6	12
3	Investigation of boron distribution and material migration on the W7-X divertor by picosecond LIBS. Physica Scripta, 2022, 97, 024005.	1.2	0
4	Deuterium and beryllium depth profiles into the W-coated JET divertor tiles after ITER-like wall campaigns. Nuclear Materials and Energy, 2022, 30, 101151.	0.6	0
5	Dislocation structure of tungsten irradiated by medium to high-mass ions. Nuclear Fusion, 2022, 62, 096003.	1.6	12
6	Hydrogen content in divertor baffle tiles in Wendelstein 7-X. Nuclear Materials and Energy, 2021, 26, 100943.	0.6	7
7	Processing of massive Rutherford Back-scattering Spectrometry data by artificial neural networks. Nuclear Instruments & Methods in Physics Research B, 2021, 493, 28-34.	0.6	4
8	A comparative study of multiple scattering calculations implemented in general–purpose Monte Carlo and selected ion beam analysis codes. Nuclear Instruments & Methods in Physics Research B, 2021, 496, 71-77.	0.6	2
9	Deposition of 13C tracer and impurity elements on the divertor of Wendelstein 7-X. Physica Scripta, 2021, 96, 124023.	1.2	3
10	Gross and net erosion balance of plasma-facing materials in full-W tokamaks. Nuclear Fusion, 2021, 61, 116006.	1.6	13
11	Erosion and redeposition patterns on entire erosion marker tiles after exposure in the first operation phase of WEST. Physica Scripta, 2021, 96, 124020.	1.2	20
12	Self-consistent ion beam analysis: An approach by multi-objective optimization. Nuclear Instruments & Methods in Physics Research B, 2021, 506, 32-40.	0.6	3
13	Comparison of JET inner wall erosion in the first three ITER-like wall campaigns. Nuclear Materials and Energy, 2021, 29, 101072.	0.6	5
14	Quantification of erosion pattern using picosecond-LIBS on a vertical divertor target element exposed in W7-X. Nuclear Fusion, 2021, 61, 016025.	1.6	14
15	Plasma-wall interaction studies in W7-X: main results from the recent divertor operations. Physica Scripta, 2021, 96, 124059.	1.2	10
16	Evaluation of tritium retention in plasma facing components during JET tritium operations. Physica Scripta, 2021, 96, 124075.	1.2	14
17	Erosion of tungsten marker layers in W7-X. Physica Scripta, 2021, 96, 124070.	1.2	6
18	Ion beam analysis of fusion plasma-facing materials and components: facilities and research challenges. Nuclear Fusion, 2020, 60, 025001.	1.6	54

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19	3-Dimensional analysis of layer structured samples with high depth resolution using picosecond laser-induced breakdown spectroscopy. Applied Surface Science, 2020, 532, 147185.	3.1	15
20	Integrated modelling: Coupling of surface evolution and plasma-impurity transport. Nuclear Materials and Energy, 2020, 25, 100821.	0.6	7
21	Impurity sources and fluxes in W7-X: from the plasma-facing components to the edge layer. Physica Scripta, 2020, T171, 014040.	1.2	14
22	High temperature recovery of radiation defects in tungsten and its effect on deuterium retention. Nuclear Materials and Energy, 2020, 23, 100747.	0.6	3
23	Impact of surface enrichment and morphology on sputtering of EUROFER by deuterium. Nuclear Materials and Energy, 2020, 23, 100749.	0.6	9
24	Comparison of erosion and deposition in JET divertor during the first three ITER-like wall campaigns. Physica Scripta, 2020, T171, 014059.	1.2	19
25	Inspection of W 7-X plasma-facing components after the operation phase OP1.2b: observations and first assessments. Physica Scripta, 2020, T171, 014033.	1.2	11
26	Deuterium retention in tungsten irradiated by different ions. Nuclear Fusion, 2020, 60, 096002.	1.6	32
27	Material erosion and deposition on the divertor of W7-X. Physica Scripta, 2020, T171, 014035.	1.2	20
28	<i>Ex situ</i> analysis of W7-X divertor plasma-facing components by picosecond laser diagnostics. Physica Scripta, 2020, T171, 014018.	1.2	13
29	International Atomic Energy Agency inter-comparison of particle induced gamma-ray emission codes for bulk samples. Nuclear Instruments & Methods in Physics Research B, 2020, 468, 37-47.	0.6	11
30	Deuterium retention in mixed Be-W-D codeposited layers. Nuclear Fusion, 2020, 60, 126005.	1.6	5
31	Overview of physics studies on ASDEX Upgrade. Nuclear Fusion, 2019, 59, 112014.	1.6	38
32	Deuterium trapping by deformation-induced defects in tungsten. Nuclear Fusion, 2019, 59, 106056.	1.6	16
33	Elastic backscattering as a method for the measurement of the integral lithium content in thin films on fusion-relevant substrates. Nuclear Instruments & Methods in Physics Research B, 2019, 455, 124-133.	0.6	3
34	Overview of first Wendelstein 7-X high-performance operation. Nuclear Fusion, 2019, 59, 112004.	1.6	165
35	Erosion, screening, and migration of tungsten in the JET divertor. Nuclear Fusion, 2019, 59, 096035.	1.6	60
36	Rutherford backscattering spectrometry analysis of InGaAs nanostructures. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, 020601.	0.9	7

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37	Influence of tungsten fuzz on energy spectra of helium recoiled by 10â€ [–] MeV oxygen ions. Nuclear Instruments & Methods in Physics Research B, 2019, 453, 67-74.	0.6	3
38	Interdiffusion and phase formation at iron-tungsten interfaces. Nuclear Materials and Energy, 2019, 19, 189-194.	0.6	13
39	Deposition of impurity metals during campaigns with the JET ITER-like Wall. Nuclear Materials and Energy, 2019, 19, 218-224.	0.6	23
40	Investigation of deuterium trapping and release in the JET ITER-like wall divertor using TDS and TMAP. Nuclear Materials and Energy, 2019, 19, 166-178.	0.6	18
41	Erosion and deposition investigations on Wendelstein 7-X first wall components for the first operation phase in divertor configuration. Fusion Engineering and Design, 2019, 146, 242-245.	1.0	17
42	Material migration and fuel retention studies during the JET carbon divertor campaigns. Fusion Engineering and Design, 2019, 138, 78-108.	1.0	25
43	Surface modification and deuterium retention in reduced-activation steels exposed to low-energy, high-flux pure and helium-seeded deuterium plasmas. Journal of Nuclear Materials, 2018, 502, 1-8.	1.3	11
44	Tungsten surface enrichment in EUROFER and Fe-W model systems studied by high-resolution time-of-flight rutherford backscattering spectroscopy. Nuclear Materials and Energy, 2018, 17, 147-151.	0.6	11
45	Upgrades of edge, divertor and scrape-off layer diagnostics of W7â€X for OP1.2. Fusion Engineering and Design, 2018, 136, 304-308.	1.0	7
46	Beryllium film deposition in cavity samples in remote areas of the JET divertor during the 2011–2012 ITER-like wall campaign. Nuclear Materials and Energy, 2017, 12, 548-552.	0.6	14
47	Nitrogen transport in ASDEX Upgrade: Role of surface roughness and transport to the main wall. Nuclear Materials and Energy, 2017, 12, 51-59.	0.6	9
48	Computer simulation of backscattering spectra from paint. Nuclear Instruments & Methods in Physics Research B, 2017, 406, 75-81.	0.6	5
49	Deuterium trapping and surface modification of polycrystalline tungsten exposed to a high-flux plasma at high fluences. Nuclear Fusion, 2017, 57, 046004.	1.6	34
50	Overview of the JET ITER-like wall divertor. Nuclear Materials and Energy, 2017, 12, 499-505.	0.6	46
51	The high-flux effect on deuterium retention in TiC and TaC doped tungsten at high temperatures. Journal of Nuclear Materials, 2017, 494, 211-218.	1.3	17
52	Erosion at the inner wall of JET during the discharge campaign 2013–2014. Nuclear Materials and Energy, 2017, 11, 20-24.	0.6	12
53	Overview of the JET results in support to ITER. Nuclear Fusion, 2017, 57, 102001.	1.6	150
54	Overview of fuel inventory in JET with the ITER-like wall. Nuclear Fusion, 2017, 57, 086045.	1.6	47

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55	Impurity re-distribution in the corner regions of the JET divertor. Physica Scripta, 2017, T170, 014060.	1.2	6
56	Experience on divertor fuel retention after two ITER-Like Wall campaigns. Physica Scripta, 2017, T170, 014063.	1.2	26
57	Erosion and deposition in the JET divertor during the second ITER-like wall campaign. Physica Scripta, 2017, T170, 014058.	1.2	27
58	Preparation of erosion and deposition investigations on plasma facing components in Wendelstein 7-X. Physica Scripta, 2017, T170, 014010.	1.2	10
59	Plasma–wall interaction studies within the EUROfusion consortium: progress on plasma-facing components development and qualification. Nuclear Fusion, 2017, 57, 116041.	1.6	75
60	Optimization of the depth resolution for deuterium depth profiling up to large depths. Nuclear Instruments & Methods in Physics Research B, 2016, 387, 103-114.	0.6	13
61	Post mortem analysis of a tungsten coated tile from the outer divertor strike point region of ASDEX upgrade. Nuclear Materials and Energy, 2016, 9, 128-131.	0.6	7
62	Intercomparison of ion beam analysis software for the simulation of backscattering spectra from two-dimensional structures. Nuclear Instruments & Methods in Physics Research B, 2016, 385, 65-73.	0.6	11
63	MultiSIMNRA: A computational tool for self-consistent ion beam analysis using SIMNRA. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 86-89.	0.6	68
64	Cross section data for the D(3He,p)4He nuclear reaction from 0.25 to 6 MeV. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 41-45.	0.6	46
65	The role and application of ion beam analysis for studies of plasma-facing components in controlled fusion devices. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 4-11.	0.6	18
66	Deuterium trapping and release in JET ITER-like wall divertor tiles. Physica Scripta, 2016, T167, 014074.	1.2	20
67	Erosion and deposition in the JET divertor during the first ILW campaign. Physica Scripta, 2016, T167, 014051.	1.2	58
68	Long-term fuel retention in JET ITER-like wall. Physica Scripta, 2016, T167, 014075.	1.2	52
69	Investigation on the erosion/deposition processes in the ITER-like wall divertor at JET using glow discharge optical emission spectrometry technique. Physica Scripta, 2016, T167, 014049.	1.2	6
70	Computer simulation of ion beam analysis of laterally inhomogeneous materials. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 90-96.	0.6	13
71	Development of laser induced breakdown spectroscopy for studying erosion, deposition, and fuel retention in ASDEX Upgrade. Fusion Engineering and Design, 2015, 98-99, 1349-1352.	1.0	28
72	Erosion of tungsten and steel in the main chamber of ASDEX Upgrade. Journal of Nuclear Materials, 2015, 463, 162-165.	1.3	11

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73	Fuel retention in JET ITER-Like Wall from post-mortem analysis. Journal of Nuclear Materials, 2015, 463, 961-965.	1.3	50
74	Beryllium migration in JET ITER-like wall plasmas. Nuclear Fusion, 2015, 55, 063021.	1.6	83
75	Swift heavy ion irradiation induced interactions in the UMo/X/Al trilayer system (X=Ti, Zr, Nb, and Mo): RBS and μ-XRD studies. Journal of Alloys and Compounds, 2015, 626, 381-390.	2.8	14
76	Hydrocarbon isotope detection by elastic peak electron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2015, 202, 22-25.	0.8	8
77	Benchmark measurements of non-Rutherford proton elastic scattering cross section for boron. Nuclear Instruments & Methods in Physics Research B, 2015, 343, 70-76.	0.6	11
78	The 9Be(p,p0)9Be, 9Be(p,d0)8Be, and 9Be(p,α0)6Li cross-sections for analytical purposes. Nuclear Instruments & Methods in Physics Research B, 2015, 358, 72-81.	0.6	14
79	Influence of helium on hydrogen isotope exchange in tungsten at sequential exposures to deuterium and helium–protium plasmas. Journal of Nuclear Materials, 2015, 463, 1122-1124.	1.3	13
80	Global erosion and deposition patterns in JET with the ITER-like wall. Journal of Nuclear Materials, 2015, 463, 157-161.	1.3	48
81	Hydrocarbon film deposition inside cavity samples in remote areas of the JET divertor during the 1999–2001 and 2005–2009 campaigns. Journal of Nuclear Materials, 2015, 463, 822-826.	1.3	15
82	Recovery temperatures of defects in tungsten created by self-implantation. Journal of Nuclear Materials, 2015, 463, 329-332.	1.3	28
83	Deuterium retention in TiC and TaC doped tungsten at high temperatures. Journal of Nuclear Materials, 2015, 463, 1045-1048.	1.3	28
84	Erosion at the inner wall of JET during the discharge campaign 2011–2012 in comparison with previous campaigns. Journal of Nuclear Materials, 2015, 456, 106-110.	1.3	28
85	Influence of MeV helium implantation on deuterium retention in self-ion implanted tungsten. Physica Scripta, 2014, T159, 014045.	1.2	10
86	Deuterium retention in tungsten used in ASDEX Upgrade: comparison of tokamak and laboratory studies. Physica Scripta, 2014, T159, 014043.	1.2	10
87	Deuterium retention in TiC and TaC doped tungsten under low-energy ion irradiation. Physica Scripta, 2014, T159, 014050.	1.2	22
88	Overview of nitrogen-15 application as a tracer gas for material migration and retention studies in tokamaks. Physica Scripta, 2014, T159, 014042.	1.2	12
89	Deuterium depth profile quantification in a ASDEX Upgrade divertor tile using secondary ion mass spectrometry. Applied Surface Science, 2014, 315, 459-466.	3.1	4
90	Material migration patterns and overview of first surface analysis of the JET ITER-like wall. Physica Scripta, 2014, T159, 014010.	1.2	75

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91	Surface morphology and deuterium retention of tungsten after low- and high-flux deuterium plasma exposure. Nuclear Fusion, 2014, 54, 083014.	1.6	60
92	Three-dimensional microscopy of deuterium in tungsten. Physica Scripta, 2014, T159, 014070.	1.2	2
93	Long-term erosion of plasma-facing materials with different surface roughness in ASDEX Upgrade. Physica Scripta, 2014, T159, 014027.	1.2	16
94	Electron microscopy observations of radiation damage in irradiated and annealed tungsten. Nuclear Instruments & Methods in Physics Research B, 2014, 340, 27-33.	0.6	33
95	Retention of deuterium in damaged low-activation steel Rusfer (EK-181) after gas and plasma exposure. Journal of Nuclear Materials, 2014, 455, 561-567.	1.3	16
96	Surface analysis of tiles and samples exposed to the first JET campaigns with the ITER-like wall. Physica Scripta, 2014, T159, 014012.	1.2	35
97	Improved physics in SIMNRA 7. Nuclear Instruments & Methods in Physics Research B, 2014, 332, 176-180.	0.6	176
98	Determination and theoretical analysis of the differential cross sections of the2H(d,p) reaction at energies and detection angles suitable for NRA (Nuclear Reaction Analysis). EPJ Web of Conferences, 2014, 66, 10009.	0.1	0
99	3D-microscopy of hydrogen in tungsten. Journal of Nuclear Materials, 2013, 438, S887-S890.	1.3	11
100	First studies of ITER-diagnostic mirrors in a tokamak with an all-metal interior: results of the first mirror test in ASDEX Upgrade. Nuclear Fusion, 2013, 53, 073033.	1.6	26
101	Overview of the JET results with the ITER-like wall. Nuclear Fusion, 2013, 53, 104002.	1.6	70
102	Strongly Reduced Penetration of Atomic Deuterium in Radiation-Damaged Tungsten. Physical Review Letters, 2013, 111, 225001.	2.9	21
103	Technical challenges in the construction of the steady-state stellarator Wendelstein 7-X. Nuclear Fusion, 2013, 53, 126001.	1.6	77
104	Overview on plasma operation with a full tungsten wall in ASDEX Upgrade. Journal of Nuclear Materials, 2013, 438, S34-S41.	1.3	156
105	Injection of nitrogen-15 tracer into ASDEX-Upgrade: New technique in material migration studies. Journal of Nuclear Materials, 2013, 438, S616-S619.	1.3	19
106	Overview of ASDEX Upgrade results. Nuclear Fusion, 2013, 53, 104003.	1.6	36
107	Clobal migration of 13C impurities in high-density L-mode plasmas in ASDEX Upgrade. Journal of Nuclear Materials, 2013, 438, S694-S697.	1.3	8
108	Comparison of JET main chamber erosion with dust collected in the divertor. Journal of Nuclear Materials, 2013, 438, S827-S832.	1.3	24

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109	Erosion and deposition on JET divertor and limiter tiles during the experimental campaigns 2005–2009. Journal of Nuclear Materials, 2013, 438, S742-S745.	1.3	18
110	Erosion at the inner wall of JET during the discharge campaigns 2001–2009. Journal of Nuclear Materials, 2013, 438, S780-S783.	1.3	21
111	Hydrogen interaction with the low activation ferritic–martensitic steel EK-181 (Rusfer). Journal of Nuclear Materials, 2013, 438, S983-S987.	1.3	17
112	Overview of erosion–deposition diagnostic tools for the ITER-Like Wall in the JET tokamak. Journal of Nuclear Materials, 2013, 438, S1204-S1207.	1.3	44
113	Reduced deuterium retention in self-damaged tungsten exposed to high-flux plasmas at high surface temperatures. Nuclear Fusion, 2013, 53, 043003.	1.6	27
114	Deuterium inventory in Tore Supra: Coupled carbon–deuterium balance. Journal of Nuclear Materials, 2013, 438, S120-S125.	1.3	38
115	TEM observations of radiation damage in tungsten irradiated by 20MeV W ions. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 159-164.	0.6	44
116	Global migration of impurities in tokamaks. Plasma Physics and Controlled Fusion, 2013, 55, 124029.	0.9	15
117	Statistical analysis of cross-section data for 12C(4He,4He)12C backscattering. Nuclear Instruments & Methods in Physics Research B, 2012, 285, 116-124.	0.6	6
118	Saturation of deuterium retention in self-damaged tungsten exposed to high-flux plasmas. Nuclear Fusion, 2012, 52, 023008.	1.6	83
119	Study of interaction of C+ ion beam with a Si pitch grating on a macro-scale level. Nuclear Instruments & Methods in Physics Research B, 2012, 293, 11-15.	0.6	2
120	Rutherford backscattering analysis of porous thin TiO2 films. Nuclear Instruments & Methods in Physics Research B, 2012, 273, 83-87.	0.6	10
121	Macroscopic parameters of the interaction of an Ar+ ion beam with a Si pitch grating. Nuclear Instruments & Methods in Physics Research B, 2012, 278, 4-7.	0.6	3
122	High resolution scanning transmission electron microscopy (HR STEM) analysis of re-deposited layer on ASDEX Upgrade tile. Fusion Engineering and Design, 2011, 86, 1753-1756.	1.0	10
123	Development of W coatings for fusion applications. Fusion Engineering and Design, 2011, 86, 1677-1680.	1.0	56
124	Advanced x-ray imaging of metal-coated/impregnated plasma-facing composite materials. Physica Scripta, 2011, T145, 014073.	1.2	3
125	X-ray microbeam transmission/fluorescence method for non-destructive characterization of tungsten coated carbon materials. Surface and Coatings Technology, 2011, 205, S192-S197.	2.2	6
126	Development of a reference database for Ion Beam Analysis and future perspectives. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2972-2978.	0.6	37

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127	Computer simulation of ion beam analysis: Possibilities and limitations. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3006-3013.	0.6	46
128	Measurement of He and H depth profiles in tungsten using ERDA with medium heavy ion beams. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3094-3097.	0.6	24
129	Global transport of light elements boron and carbon in the full-W ASDEX Upgrade. Journal of Nuclear Materials, 2011, 415, S227-S230.	1.3	4
130	Deuterium Inventory in Tore Supra (DITS): 2nd post-mortem analysis campaign and fuel retention in the gaps. Journal of Nuclear Materials, 2011, 415, S757-S760.	1.3	16
131	Plasma surface interactions in impurity seeded plasmas. Journal of Nuclear Materials, 2011, 415, S19-S26.	1.3	116
132	Deuterium retention in graphite exposed to high flux plasma at high temperatures. Journal of Nuclear Materials, 2011, 417, 616-619.	1.3	6
133	Deuterium ion-driven permeation and bulk retention in tungsten. Journal of Nuclear Materials, 2011, 417, 540-544.	1.3	20
134	Materials research under ITER-like divertor conditions at FOM Rijnhuizen. Journal of Nuclear Materials, 2011, 417, 457-462.	1.3	1
135	TMAP7 simulations of deuterium trapping in pre-irradiated tungsten exposed to high-flux plasma. Journal of Nuclear Materials, 2011, 415, S636-S640.	1.3	23
136	Gas-driven hydrogen permeation through tungsten-coated graphite. Journal of Nuclear Materials, 2011, 415, S688-S691.	1.3	6
137	Multi machine scaling of fuel retention in 4 carbon dominated tokamaks. Journal of Nuclear Materials, 2011, 415, S735-S739.	1.3	20
138	Layer morphology analysis of sputter-eroded silicon gratings using Rutherford backscattering. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 1811-1817.	0.6	11
139	Deuterium retention in bulk tungsten exposed to the outer divertor plasma of ASDEX Upgrade. Physica Scripta, 2011, T145, 014033.	1.2	11
140	Deuterium permeation through carbon-coated tungsten during ion bombardment. Journal of Applied Physics, 2011, 110, 033303.	1.1	5
141	Overview of ASDEX Upgrade results. Nuclear Fusion, 2011, 51, 094012.	1.6	27
142	Measurements and Evaluation of Differential Cross-sections for In Beam Analysis. Journal of the Korean Physical Society, 2011, 59, 2010-2013.	0.3	1
143	Air exposure and sample storage time influence on hydrogen release from tungsten. Journal of Nuclear Materials, 2010, 404, 174-177.	1.3	34
144	Skewness of energy-loss straggling and multiple-scattering energy distributions. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1744-1748.	0.6	16

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145	Optimizing NRA depth profiling using Bayesian experimental design. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 2115-2118.	0.6	7
146	A new ion beam analysis data format. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1824-1828.	0.6	3
147	Hydrogenic retention in irradiated tungsten exposed to high-flux plasma. Nuclear Fusion, 2010, 50, 075006.	1.6	46
148	Impact of gyro-motion and sheath acceleration on the flux distribution on rough surfaces. Nuclear Fusion, 2010, 50, 105004.	1.6	39
149	Addendum to papers from Axially Symmetric Divertor Experiment (ASDEX) Upgrade Team, published in Review of Scientific Instruments. Review of Scientific Instruments, 2010, 81, 039903.	0.6	Ο
150	Migration and deposition of13C in the full-tungsten ASDEX Upgrade tokamak. Plasma Physics and Controlled Fusion, 2010, 52, 065006.	0.9	12
151	Deuterium inventory in the full-tungsten divertor of ASDEX Upgrade. Nuclear Fusion, 2010, 50, 035001.	1.6	42
152	The ion-driven permeation experiment PERMEX. Review of Scientific Instruments, 2009, 80, 073501.	0.6	4
153	Overview of ASDEX Upgrade results. Nuclear Fusion, 2009, 49, 104009.	1.6	11
154	Non-boronized compared with boronized operation of ASDEX Upgrade with full-tungsten plasma facing components. Nuclear Fusion, 2009, 49, 045007.	1.6	98
155	Deuterium inventory in Tore Supra: reconciling particle balance and post-mortem analysis. Nuclear Fusion, 2009, 49, 075011.	1.6	53
156	Ten years of W programme in ASDEX Upgrade—challenges and conclusions. Physica Scripta, 2009, T138, 014038.	1.2	60
157	Dynamic and static deuterium inventory in ASDEX Upgrade with tungsten first wall. Nuclear Fusion, 2009, 49, 085031.	1.6	35
158	Overview of the deuterium inventory campaign in Tore Supra: Operational conditions and particle balance. Journal of Nuclear Materials, 2009, 390-391, 550-555.	1.3	63
159	Deuterium depth profiling in graphite tiles not exposed to hydrogen discharges before air ventilation of JT-60U. Journal of Nuclear Materials, 2009, 390-391, 667-670.	1.3	1
160	Plasma-wall interaction and plasma behaviour in the non-boronised all tungsten ASDEX Upgrade. Journal of Nuclear Materials, 2009, 390-391, 858-863.	1.3	142
161	Testing of tungsten coatings in JET for the ITER-like wall. Journal of Nuclear Materials, 2009, 390-391, 992-995.	1.3	8
162	Quantitative depth profiling of deuterium up to very large depths. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 506-512.	0.6	127

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163	Carbon balance and deuterium inventory from a carbon dominated to a full tungsten ASDEX Upgrade. Journal of Nuclear Materials, 2009, 390-391, 538-543.	1.3	54
164	lon-driven deuterium permeation through tungsten at high temperatures. Journal of Nuclear Materials, 2009, 390-391, 606-609.	1.3	20
165	Gas-driven hydrogen isotopes permeation through different carbon materials. Journal of Nuclear Materials, 2009, 390-391, 701-704.	1.3	4
166	Development of divertor tungsten coatings for the JET ITER-like wall. Journal of Nuclear Materials, 2009, 390-391, 934-937.	1.3	49
167	Deuterium Inventory in Tore Supra: status of post-mortem analyses. Physica Scripta, 2009, T138, 014027.	1.2	18
168	Tungsten erosion and redeposition in the all-tungsten divertor of ASDEX Upgrade. Physica Scripta, 2009, T138, 014039.	1.2	47
169	RESOLNRA: A new program for optimizing the achievable depth resolution of ion beam analysis methods. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 1852-1857.	0.6	56
170	Pre-implantation and pre-annealing effects on deuterium retention in tungsten. Journal of Nuclear Materials, 2008, 373, 254-258.	1.3	50
171	Summary of "IAEA intercomparison of IBA software― Nuclear Instruments & Methods in Physics Research B, 2008, 266, 1338-1342.	0.6	69
172	Status of the problem of nuclear cross section data for IBA. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 1198-1202.	0.6	20
173	Effect of surface roughness and substrate material on carbon erosion and deposition in the TEXTOR tokamak. Plasma Physics and Controlled Fusion, 2008, 50, 095008.	0.9	47
174	Ion-driven deuterium retention in tungsten. Journal of Applied Physics, 2008, 103, .	1.1	196
175	Recent Advances on Hydrogen Retention in ITER's Plasma-Facing Materials: Beryllium, Carbon, and Tungsten. Fusion Science and Technology, 2008, 54, 891-945.	0.6	145
176	Gas balance and fuel retention in fusion devices. Nuclear Fusion, 2007, 47, 1112-1120.	1.6	94
177	Erosion of tungsten and carbon markers in the outer divertor of ASDEX-Upgrade. Physica Scripta, 2007, T128, 106-110.	1.2	42
178	Plasma wall interaction and its implication in an all tungsten divertor tokamak. Plasma Physics and Controlled Fusion, 2007, 49, B59-B70.	0.9	110
179	The deuterium inventory in ASDEX Upgrade. Nuclear Fusion, 2007, 47, 1607-1617.	1.6	22
180	Final steps to an all tungsten divertor tokamak. Journal of Nuclear Materials, 2007, 363-365, 52-59.	1.3	80

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181	Tungsten erosion in the outer divertor of JET. Journal of Nuclear Materials, 2007, 363-365, 101-106.	1.3	46
182	Migration of 13C and deposition at ASDEX Upgrade. Journal of Nuclear Materials, 2007, 363-365, 270-275.	1.3	6
183	Erosion and deposition in the JET MkII-SRP divertor. Journal of Nuclear Materials, 2007, 363-365, 287-293.	1.3	32
184	Deuterium retention in rhenium-doped tungsten. Journal of Nuclear Materials, 2007, 363-365, 893-897.	1.3	41
185	Deuterium depth profiling in JT-60U tiles using the D(3He,p)4He resonant nuclear reaction. Journal of Nuclear Materials, 2007, 363-365, 904-909.	1.3	15
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