N Pablant

List of Publications by Year
in descending order

156 papers	3,234 citations	153493 30 h-index	190239 50 g-index
169 all docs	169 docs citations	169 times ranked	2355 citing authors

#	Article	IF	Citations
1	Overview of first Wendelstein 7-X high-performance operation. Nuclear Fusion, 2019, 59, 112004.	3.4	175
2	Major results from the first plasma campaign of the Wendelstein 7-X stellarator. Nuclear Fusion, 2017, 57, 102020.	3.4	134
3	Magnetic configuration effects on the Wendelstein 7-X stellarator. Nature Physics, 2018, 14, 855-860.	11.8	120
4	Hydrogenic fast-ion diagnostic using Balmer-alpha light. Plasma Physics and Controlled Fusion, 2004, 46, 1855-1875.	2.1	115
5	Performance and properties of the first plasmas of Wendelstein 7-X. Plasma Physics and Controlled Fusion, 2017, 59, 014018.	2.1	105
6	Confirmation of the topology of the Wendelstein 7-X magnetic field to better than 1:100,000. Nature Communications, 2016, 7, 13493.	13.2	91
7	Performance of Wendelstein 7-X stellarator plasmas during the first divertor operation phase. Physics of Plasmas, 2019, 26, .	1.9	91
8	Demonstration of reduced neoclassical energy transport in Wendelstein 7-X. Nature, 2021, 596, 221-226.	36.2	89
9	First results from divertor operation in Wendelstein 7-X. Plasma Physics and Controlled Fusion, 2019, 61, 014035.	2.1	84
10	Active spectroscopic measurements of the bulk deuterium properties in the DIII-D tokamak (invited). Review of Scientific Instruments, 2012, 83, 10D529.	1.4	66
11	X-ray imaging crystal spectroscopy for use in plasma transport research. Review of Scientific Instruments, 2012, 83, 113504.	1.4	64
12	Key results from the first plasma operation phase and outlook for future performance in Wendelstein 7-X. Physics of Plasmas, 2017, 24, 055503.	1.9	63
13	Measurements of the deuterium ion toroidal rotation in the DIII-D tokamak and comparison to neoclassical theory. Physics of Plasmas, 2012, 19, .	1.9	62
14	High-performance plasmas after pellet injections in Wendelstein 7-X. Nuclear Fusion, 2020, 60, 066011.	3.4	60
15	Core radial electric field and transport in Wendelstein 7-X plasmas. Physics of Plasmas, 2018, 25, .	1.9	48
16	Upgrades of imaging x-ray crystal spectrometers for high-resolution and high-temperature plasma diagnostics on EAST. Review of Scientific Instruments, 2014, 85, 11E406.	1.4	46
17	Overview of diagnostic performance and results for the first operation phase in Wendelstein 7-X (invited). Review of Scientific Instruments, 2016, 87, 11D304.	1.4	45
18	Electron-cyclotron-resonance heating in Wendelstein 7-X: A versatile heating and current-drive method and a tool for in-depth physics studies. Plasma Physics and Controlled Fusion, 2019, 61, 014037.	2.1	45

#	Article	IF	Citations
19	Formation and Stability of Impurity â€œSnakesâ€• in Tokamak Plasmas. Physical Review Letters, 2013, 110, 065006.	8.0	43
20	Observation of anomalous impurity transport during low-density experiments in W7-X with laser blow-off injections of iron. Nuclear Fusion, 2019, 59, 046009.	3.4	42
21	Inter-machine validation study of neoclassical transport modelling in medium- to high-density stellarator-heliotron plasmas. Nuclear Fusion, 2013, 53, 063022.	3.4	40
22	Ion temperature clamping in Wendelstein 7-X electron cyclotron heated plasmas. Nuclear Fusion, 2021, 61, 116072.	3.4	38
23	The Set of Diagnostics for the First Operation Campaign of the Wendelstein 7-X Stellarator. Journal of Instrumentation, 2015, 10, P10002-P10002.	1.3	37
24	Integrated discharge scenario for high-temperature helical plasma in LHD. Nuclear Fusion, 2015, 55, 113020.	3.4	37
25	Active spectroscopy measurements of the deuterium temperature, rotation, and density from the core to scrape off layer on the DIII-D tokamak (invited). Review of Scientific Instruments, 2018, 89, 10D110.	1.4	37
26	Charge exchange recombination spectroscopy at Wendelstein 7-X. Review of Scientific Instruments, 2020, 91, 023507.	1.4	37
27	First Observation of a Stable Highly Dissipative Divertor Plasma Regime on the Wendelstein 7-X Stellarator. Physical Review Letters, 2019, 123, 025002.	8.0	36
28	Extension of operation regimes and investigation of three-dimensional currentless plasmas in the Large Helical Device. Nuclear Fusion, 2013, 53, 104015.	3.4	35
29	Quasilinear carbon transport in an impurity hole plasma in LHD. Physics of Plasmas, 2014, 21, .	1.9	35
30	Prospects of X-ray imaging spectrometers for impurity transport: Recent results from the stellarator Wendelstein 7-X (invited). Review of Scientific Instruments, 2018, 89, 10G101.	1.4	31
31	Extended capability of the integrated transport analysis suite, TASK3D-a, for LHD experiment. Nuclear Fusion, 2017, 57, 126016.	3.4	30
32	Design, capabilities, and first results of the new laser blow-off system on Wendelstein 7-X. Review of Scientific Instruments, 2018, 89, 073505.	1.4	30
33	Pellet fueling experiments in Wendelstein 7-X. Plasma Physics and Controlled Fusion, 2019, 61, 095012.	2.1	30
34	Active and passive spectroscopic imaging in the DIII-D tokamak. Plasma Physics and Controlled Fusion, 2010, 52, 045006.	2.1	29
35	Layout and results from the initial operation of the high-resolution x-ray imaging crystal spectrometer on the Large Helical Device. Review of Scientific Instruments, 2012, 83, 083506.	1.4	29
36	Flow damping due to stochastization of the magnetic field. Nature Communications, 2015, 6, 5816.	13.2	29

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37	Increasing the density in Wendelstein 7-X: benefits and limitations. Nuclear Fusion, 2020, 60, 036020.	3.4	28
38	Forward Modeling of X-Ray Imaging Crystal Spectrometers Within the Minerva Bayesian Analysis Framework. Fusion Science and Technology, 2016, 69, 560-567.	1.1	27
39	Radial electric field and density fluctuations measured by Doppler reflectometry during the post-pellet enhanced confinement phase in W7-X. Nuclear Fusion, 2021, 61, 046008.	3.4	27
40	Charge-state independent anomalous transport for a wide range of different impurity species observed at Wendelstein 7-X. Physics of Plasmas, 2020, 27, .	1.9	26
41	Measurements of the internal magnetic field on DIII-D using intensity and spacing of the motional Stark multiplet. Review of Scientific Instruments, 2008, 79, 10F517.	1.4	25
42	Measurements of the internal magnetic field using the B-Stark motional Stark effect diagnostic on DIII-D (invited). Review of Scientific Instruments, 2010, 81, 10D729.	1.4	25
43	Deuterium velocity and temperature measurements on the DIII-D tokamak. Review of Scientific Instruments, 2010, 81, 10D735.	1.4	24
44	Measurement of deuterium density profiles in the H-mode steep gradient region using charge exchange recombination spectroscopy on DIII-D. Review of Scientific Instruments, 2016, 87, 11E553.	1.4	24
45	Observation of a reduced-turbulence regime with boron powder injection in a stellarator. Nature Physics, 2022, 18, 350-356.	11.8	24
46	On the formation and stability of long-lived impurity-ion snakes in Alcator C-Mod. Nuclear Fusion, 2013, 53, 043019.	3.4	23
47	Stellarators Resist Turbulent Transport on the Electron Larmor Scale. Physical Review Letters, 2019, 122, 035002.	8.0	22
48	Enhanced energy confinement after series of pellets in Wendelstein 7-X. Plasma Physics and Controlled Fusion, 2020, 62, 055012.	2.1	22
49	Characterization of injection and confinement improvement through impurity induced profile modifications on the Wendelstein 7-X stellarator. Physics of Plasmas, 2021, 28, .	1.9	22
50	Measurement of helium-like and hydrogen-like argon spectra using double-crystal X-ray spectrometers on EAST. Review of Scientific Instruments, 2016, 87, 11E326.	1.4	21
51	Argon impurity transport studies at Wendelstein 7-X using x-ray imaging spectrometer measurements. Nuclear Fusion, 2017, 57, 086013.	3.4	20
52	Validation of the BEAMS3D neutral beam deposition model on Wendelstein 7-X. Nuclear Fusion, 2020, 60, 076020.	3.4	20
53	First neutral beam experiments on Wendelstein 7-X. Nuclear Fusion, 2021, 61, 096008.	3.4	19
54	First impurity powder injection experiments in LHD. Nuclear Materials and Energy, 2020, 25, 100842.	1.4	18

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55	An experimental characterization of core turbulence regimes in Wendelstein 7-X. Nuclear Fusion, 2021, 61, 096015.	3.4	18
56	Impact of the temperature ratio on turbulent impurity transport in Wendelstein 7-X. Nuclear Fusion, 0, , .	3.4	18
57	Imaging key aspects of fast ion physics in the DIII-D tokamak. Nuclear Fusion, 2010, 50, 084002.	3.4	17
58	Stellarator Research Opportunities: A Report of the National Stellarator Coordinating Committee. Journal of Fusion Energy, 2018, 37, 51-94.	1.2	17
59	Investigation of the neoclassical ambipolar electric field in ion-root plasmas on W7-X. Nuclear Fusion, 2020, 60, 036021.	3.4	17
60	Tomographic inversion techniques incorporating physical constraints for line integrated spectroscopy in stellarators and tokamaks. Review of Scientific Instruments, 2014, 85, 11E424.	1.4	16
61	Global energy confinement in the initial limiter configuration of Wendelstein 7-X. Nuclear Fusion, 2018, 58, 106029.	3.4	16
62	Startup impurity diagnostics in Wendelstein 7-X stellarator in the first operational phase. Journal of Instrumentation, 2015, 10, P10015-P10015.	1.3	15
63	Confinement in Wendelstein 7-X limiter plasmas. Nuclear Fusion, 2017, 57, 086010.	3.4	15
64	Neural network approximation of Bayesian models for the inference of ion and electron temperature profiles at W7-X. Plasma Physics and Controlled Fusion, 2019, 61, 075012.	2.1	15
65	Inference of temperature and density profiles via forward modeling of an x-ray imaging crystal spectrometer within the Minerva Bayesian analysis framework. Review of Scientific Instruments, 2019, 90, 063505.	1.4	15
66	Measurements of the parameter dependencies of the bootstrap current in the W7-X stellarator. Nuclear Fusion, 2021, 61, 036024.	3.4	15
67	Characterization of the radial electric field and edge velocity shear in Wendelstein 7-X. Nuclear Fusion, 2020, 60, 106019.	3.4	15
68	Bolometer tomography on Wendelstein 7-X for study of radiation asymmetry. Nuclear Fusion, 2021, 61, 116043.	3.4	14
69	Experiments to measure hydrogen release from graphite walls during disruptions in DIII-D. Journal of Nuclear Materials, 2009, 390-391, 597-601.	2.8	13
70	Molybdenum emission from impurity-induced m = 1 snake-modes on the Alcator C-Mod tokamak. Review of Scientific Instruments, 2012, 83, 10E517.	1.4	13
71	In situ wavelength calibration system for the X-ray Imaging Crystal Spectrometer (XICS) on W7-X. Review of Scientific Instruments, 2018, 89, 10F107.	1.4	13
72	Multi-energy SXR cameras for magnetically confined fusion plasmas (invited). Review of Scientific Instruments, 2016, 87, 11E204.	1.4	12

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73	Simulation, design, and first test of a multi-energy soft x-ray (SXR) pinhole camera in the Madison Symmetric Torus (MST). Review of Scientific Instruments, 2018, 89, 10G116.	1.4	12
74	Development of wavelength calibration techniques for high-resolution x-ray imaging crystal spectrometers on the EAST tokamak. Review of Scientific Instruments, 2018, 89, 10F112.	1.4	12
75	Confinement in electron heated plasmas in Wendelstein 7-X and ASDEX Upgrade; the necessity to control turbulent transport. Nuclear Fusion, 2022, 62, 016015.	3.4	12
76	Impact of Magnetic Field Configuration on Heat Transport in Stellarators and Heliotrons. Physical Review Letters, 2021, 127, 225001.	8.0	12
77	Straightforward correction for the astigmatism of a Czernyâ€“Turner spectrometer. Review of Scientific Instruments, 2010, 81, 023503.	1.4	11
78	Development of a high resolution x-ray spectrometer for the National Ignition Facility (NIF). Review of Scientific Instruments, 2016, 87, 11E344.	1.4	11
79	Tracking the density evolution in counter-propagating shock waves using imaging X-ray scattering. Applied Physics Letters, 2016, 109, .	3.2	11
80	Upgrade of X-ray crystal spectrometer for high temperature measurement using neon-like xenon lines on EAST. Review of Scientific Instruments, 2018, 89, 10F110.	1.4	11
81	Deuterium charge exchange recombination spectroscopy from the top of the pedestal to the scrape off layer in H-mode plasmas. Journal of Instrumentation, 2017, 12, C10013-C10013.	1.3	11
82	Magnetic configuration scans during divertor operation of Wendelstein 7-X. Nuclear Fusion, 2022, 62, 026032.	3.4	11
83	Novel energy resolving x-ray pinhole camera on Alcator C-Mod. Review of Scientific Instruments, 2012, 83, 10E526.	1.4	10
84	Overview of transport and MHD stability study: focusing on the impact of magnetic field topology in the Large Helical Device. Nuclear Fusion, 2015, 55, 104018.	3.4	10
85	A multi-cone x-ray imaging Bragg crystal spectrometer. Review of Scientific Instruments, 2016, 87, 11E333.	1.4	10
86	Equilibrium evaluation for Wendelstein 7-X experiment programs in the first divertor phase. Fusion Engineering and Design, 2019, 146, 299-302.	1.9	10
87	Phase contrast imaging measurements and numerical simulations of turbulent density fluctuations in gas-fuelled ECRH discharges in Wendelstein 7-X. Journal of Plasma Physics, 2021, 87, .	2.1	10
88	Investigation of mode activity in NBI-heated experiments of Wendelstein 7-X. Nuclear Fusion, 2020, 60, 112004.	3.4	10
89	Pixel-to-pixel variation on a calibrated PILATUS3-based multi-energy soft x-ray detector. Review of Scientific Instruments, 2018, 89, 10G119.	1.4	9
90	A new toroidal x-ray crystal spectrometer for the diagnosis of high energy density plasmas at the National Ignition Facility. Review of Scientific Instruments, 2018, 89, 10F118.	1.4	9

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91	Bayesian uncertainty calculation in neural network inference of ion and electron temperature profiles at W7-X. Review of Scientific Instruments, 2018, 89, 10K102.	1.4	9
92	Impurity transport studies at Wendelstein 7-X by means of x-ray imaging spectrometer measurements. Plasma Physics and Controlled Fusion, 2019, 61, 014030.	2.1	9
93	Correction and verification of x-ray imaging crystal spectrometer analysis on Wendelstein 7-X through x-ray ray tracing. Review of Scientific Instruments, 2021, 92, 043530.	1.4	9
94	Investigation of ion and electron heat transport of high-T_eECH heated discharges in the large helical device. Plasma Physics and Controlled Fusion, 2016, 58, 045004.	2.1	8
95	Plasma impurities observed by a pulse height analysis diagnostic during the divertor campaign of the Wendelstein 7-X stellarator. Review of Scientific Instruments, 2018, 89, 10F111.	1.4	8
96	High-performance ECRH at W7-X: experience and perspectives. Nuclear Fusion, 2021, 61, 106005.	3.4	8
97	Hot Spot Evolution Measured by High-Resolution X-Ray Spectroscopy at the National Ignition Facility. Physical Review Letters, 2022, 128, 185002.	8.0	8
98	Two-point motional Stark effect diagnostic for Madison Symmetric Torus. Review of Scientific Instruments, 2010, 81, 10D702.	1.4	7
99	Effects of thermal expansion of the crystal lattice on x-ray crystal spectrometers used for fusion research. Plasma Physics and Controlled Fusion, 2013, 55, 125011.	2.1	7
100	Status of the diagnostics development for the first operation phase of the stellarator Wendelstein 7-X. Review of Scientific Instruments, 2014, 85, 11D818.	1.4	7
101	Characterization of spatially resolved high resolution x-ray spectrometers for high energy density physics and light source experiments. Review of Scientific Instruments, 2014, 85, 11D612.	1.4	7
102	The effect of transient density profile shaping on transport in large stellarators and heliotrons. Nuclear Fusion, 2017, 57, 066016.	3.4	7
103	Impurity transport in ion- and electron-root confinement scenarios at Wendelstein 7-X. Nuclear Fusion, 2021, 61, 116018.	3.4	7
104	Plasma radiation behavior approaching high-radiation scenarios in W7-X. Nuclear Fusion, 2021, 61, 126002.	3.4	7
105	Multi-energy x-ray detector calibration for Te and impurity density (nZ) measurements of MCF plasmas. Review of Scientific Instruments, 2016, 87, 11E320.	1.4	6
106	Optimization of the configuration of pixilated detectors based on the Shannon-Nyquist theory. Review of Scientific Instruments, 2012, 83, 10E139.	1.4	5
107	X-ray tests of a two-dimensional stigmatic imaging scheme with variable magnifications. Review of Scientific Instruments, 2014, 85, 11D604.	1.4	5
108	Design of tangential x-ray crystal spectrometer for Aditya-U tokamak. Review of Scientific Instruments, 2018, 89, 10F115.	1.4	5

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109	Multi-energy calibration of a PILATUS3 CdTe detector for hard x-ray measurements of magnetically confined fusion plasmas. Review of Scientific Instruments, 2021, 92, 023105.	1.4	5
110	Heat pulse propagation and anomalous electron heat transport measurements on the optimized stellarator W7-X. Nuclear Fusion, 2021, 61, 056001.	3.4	5
111	Plasma flow measurements based on charge exchange recombination spectroscopy in the Wendelstein 7-X stellarator. Nuclear Fusion, 2022, 62, 106005.	3.4	5
112	A reduced-turbulence regime in the Large Helical Device upon injection of low-Z materials powders. Nuclear Fusion, 2023, 63, 076001.	3.4	5
113	A new scheme for stigmatic x-ray imaging with large magnification. Review of Scientific Instruments, 2012, 83, 10E527.	1.4	4
114	A new class of focusing crystal shapes for Bragg spectroscopy of small, point-like, x-ray sources in laser produced plasmas. Review of Scientific Instruments, 2021, 92, 043531.	1.4	4
115	Multi-energy reconstructions, central electron temperature measurements, and early detection of the birth and growth of runaway electrons using a versatile soft x-ray pinhole camera at MST. Review of Scientific Instruments, 2021, 92, 073502.	1.4	4
116	DesignÂand expected performance of a variable-radii sinusoidal spiral x-ray spectrometer for the National Ignition Facility. Review of Scientific Instruments, 2021, 92, 093904.	1.4	4
117	Validation of theory-based models for the control of plasma currents in W7-X divertor plasmas. Nuclear Fusion, 2021, 61, 126022.	3.4	4
118	Equilibrium effects on the structure of island divertor and its impact on the divertor heat flux distribution in Wendelstein 7-X. Nuclear Fusion, 2022, 62, 106002.	3.4	4
119	Masking a CCD camera allows multichord charge exchange spectroscopy measurements at high speed on the DIII-D tokamak. Review of Scientific Instruments, 2011, 82, 023114.	1.4	3
120	Characterization of x-ray imaging crystal spectrometer for high-resolution spatially-resolved x-ray Thomson scattering measurements in shock-compressed experiments. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 187, 247-254.	2.4	3
121	A computational tool for simulation and design of tangential multi-energy soft x-ray pin-hole cameras for tokamak plasmas. Review of Scientific Instruments, 2018, 89, 10G120.	1.4	3
122	Calibration of a versatile multi-energy soft x-ray diagnostic for WEST long pulse plasmas. Review of Scientific Instruments, 2021, 92, 043509.	1.4	3
123	On the role of density fluctuations in the core turbulent transport of Wendelstein 7-X. Plasma Physics and Controlled Fusion, 2022, 64, 044006.	2.1	3
124	Observation of impurity accumulation and its compatibility with high plasma performance in W7-X. Plasma Physics and Controlled Fusion, 2023, 65, 105006.	2.1	3
125	X-ray imaging and imaging spectroscopy of fusion plasmas and light-source experiments with spherical optics and pixel array detectors. Proceedings of SPIE, 2012, , .	1.0	2
126	Stigmatic X-ray imaging using a single spherical Laue crystal. Journal of Physics: Conference Series, 2013, 425, 192021.	0.4	2

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127	A new spectrometer design for the x-ray spectroscopy of laser-produced plasmas with high (sub-ns) time resolution. Review of Scientific Instruments, 2014, 85, 11D627.	1.4	2
128	Novel dual-reflection design applied for ITER core x-ray spectrometer. Review of Scientific Instruments, 2022, 93, .	1.4	2
129	Diagnostics for Burning Plasmas. IEEE Transactions on Plasma Science, 2022, 50, 4144-4149.	1.4	2
130	Modeling of plasma beta effects on the island divertor transport in the standard configuration of W7-X. Nuclear Fusion, 2023, 63, 066005.	3.4	2
131	Development of a scintillator based fast-ion loss detector for the Wendelstein 7-X stellarator. Fusion Engineering and Design, 2024, 204, 114520.	1.9	2
132	Advances in Time-Resolved Measurement of Magnetic Field and Electron Temperature in Low-Magnetic-Field Plasmas. Fusion Science and Technology, 2011, 59, 124-127.	1.1	1
133	Application of spatially resolved high resolution crystal spectrometry to inertial confinement fusion plasmas. Review of Scientific Instruments, 2012, 83, 10E125.	1.4	1
134	Alternative optical concept for electron cyclotron emission imaging. Review of Scientific Instruments, 2014, 85, 11D802.	1.4	1
135	Development of spatially resolved high resolution x-ray spectroscopy for fusion and light-source research. Proceedings of SPIE, 2014, , .	1.0	1
136	Study of impurity behaviour for first magnetic configuration changes in W7-X plasmas by means of PHA spectra. Fusion Engineering and Design, 2018, 136, 1286-1290.	1.9	1
137	Absolute calibration of the conical crystal configuration of the zinc spectrometer (ZSPEC) at the OMEGA laser facility. Review of Scientific Instruments, 2022, 93, 083509.	1.4	1
138	Study of Stark broadening of krypton helium-Î² lines and estimation of electron density and temperature in NIF compressed capsules. Plasma Physics and Controlled Fusion, 2022, 64, 105025.	2.1	1
139	Spatial calibration and synthetic diagnostic of a multi-energy hard x-ray camera at WEST tokamak. Review of Scientific Instruments, 2022, 93, .	1.4	1
140	A new class of variable-radii diffraction optics for high-resolution x-ray spectroscopy at the National Ignition Facility (invited). Review of Scientific Instruments, 2022, 93, 103548.	1.4	1
141	Simulation of a scintillator-based fast ion loss detector for steady-state operation in Wendelstein 7-X (invited). Review of Scientific Instruments, 2024, 95, .	1.4	1
142	Visible core spectroscopy at Wendelstein 7-X. Review of Scientific Instruments, 2024, 95, .	1.4	1
143	Charge exchange recombination detection of low-Z and medium-Z impurities in the extreme UV using a digital lock-in technique. Review of Scientific Instruments, 2010, 81, 10D721.	1.4	0
144	X-ray imaging diagnostics for magnetically confined and laser-produced fusion plasmas. Proceedings of SPIE, 2011, , .	1.0	0

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145	Spatial resolution of a spherical x-ray crystal spectrometer at various magnifications. Review of Scientific Instruments, 2016, 87, 11D611.	1.4	0
146	Determination of the mean energy of fast electron losses and anisotropies through thick-target emission on WEST. Nuclear Fusion, 2024, 64, 056009.	3.4	0
147	Design of a multi-energy soft X-ray diagnostic for profile measurements during long-pulse operation in the WEST tokamak. Fusion Engineering and Design, 2024, 203, 114390.	1.9	0
148	Achieving stationary high performance plasmas at Wendelstein 7-X. Physics of Plasmas, 2024, 31, .	1.9	0
149	Turbulence-reduced high-performance scenarios in Wendelstein 7-X. Nuclear Fusion, 2024, 64, 086067.	3.4	0
150	Validation of a synthetic fast ion loss detector model for Wendelstein 7-X. Nuclear Fusion, 0, , .	3.4	0
151	Results from a synthetic model of the ITER XRCS-Core diagnostic based on high-fidelity x-ray ray tracing. Review of Scientific Instruments, 2024, 95, .	1.4	0
152	Versatile multi-energy hard x-ray camera to study confined and unconfined fast electron dynamics and anisotropies (Invited). Review of Scientific Instruments, 2024, 95, .	1.4	0
153	Direct optimization of neoclassical ion transport in stellarator reactors. Nuclear Fusion, 0, , .	3.4	0
154	Web apps for profile fitting and power balance analysis at Wendelstein 7-X. Review of Scientific Instruments, 2024, 95, .	1.4	0
155	Learning from each other: Cross-cutting diagnostic development activities between magnetic and inertial confinement fusion (invited). Review of Scientific Instruments, 2024, 95, .	1.4	0
156	X-ray sources for in situ wavelength calibration of x-ray imaging crystal spectrometers. Review of Scientific Instruments, 2024, 95, .	1.4	0