

Naoki Tamura

List of Publications by Year in descending order

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246
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246
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the TJ-II stellarator research programme towards model validation in fusion plasmas. Nuclear Fusion, 2022, 62, 042025.	3.5	9
2	Observation of a reduced-turbulence regime with boron powder injection in a stellarator. Nature Physics, 2022, 18, 350-356.	16.7	19
3	Z -dependent crossing of excited-state energy levels in highly charged galliumlike lanthanide atomic ions. Physical Review A, 2022, 105, .	2.5	2
4	Discharge characteristics of steady-state high-density plasma source based on cascade arc discharge with hollow cathode. Review of Scientific Instruments, 2022, 93, 053502.	1.3	3
5	Dynamics of weak-magnetic-shear-sustained internal transport barrier during supersonic molecular-beam injection in JT-60U. Nuclear Fusion, 2021, 61, 026017.	3.5	2
6	VUV Emission Spectroscopy for Evaluation of Optical Thickness in He Cascade Arc Plasmas. Plasma and Fusion Research, 2021, 16, 2406011-2406011.	0.7	1
7	Spatial characteristics of luminous hydrocarbon pellet clouds in the large helical device. Plasma Physics and Controlled Fusion, 2021, 63, 065002.	2.1	2
8	A new multi-tracer pellet injection for a simultaneous study of low- and mid/high-Z impurities in high-temperature plasmas. Review of Scientific Instruments, 2021, 92, 063516.	1.3	1
9	The interpretation of magnetic activity associated with pellet injections into plasmas created in the stellarator TJ-II. Nuclear Fusion, 2021, 61, 076014.	3.5	5
10	Spectra of Ga-Like to Cu-Like Praseodymium and Neodymium Ions Observed in the Large Helical Device. Atoms, 2021, 9, 46.	1.6	4
11	First neutral beam experiments on Wendelstein 7-X. Nuclear Fusion, 2021, 61, 096008.	3.5	13
12	Assessment of W density in LHD core plasmas using visible forbidden lines of highly charged W ions. Nuclear Fusion, 2021, 61, 116008.	3.5	5
13	Investigation of TESPEL cloud dynamics in Wendelstein 7-X stellarator. Nuclear Fusion, 2021, 61, 016006.	3.5	1
14	Development of an experimental database of EUV spectra from highly charged ions of medium to high Z elements in the Large Helical Device plasmas. X-Ray Spectrometry, 2020, 49, 78-84.	1.4	1
15	Integration of the TESPEL injection system at W7-X. Fusion Engineering and Design, 2020, 150, 111259.	1.9	1
16	First impurity powder injection experiments in LHD. Nuclear Materials and Energy, 2020, 25, 100842.	1.3	17
17	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	24
18	Isotope effect in transient electron thermal transport property and its impact on the electron internal transport barrier formation in LHD. Nuclear Fusion, 2020, 60, 076015.	3.5	7

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19	Observation of the TESPEL-injected impurities behaviour by the PHA system at Wendelstein 7-X. Journal of Instrumentation, 2020, 15, C01019-C01019.	1.2	1
20	Prediction of Radiative Collapse in Large Helical Device Using Feature Extraction by Exhaustive Search. Journal of Fusion Energy, 2020, 39, 500-511.	1.2	3
21	Behavior of a Tracer-Containing Compact Toroid in a Transverse Magnetic Field. Plasma and Fusion Research, 2020, 15, 2402069-2402069.	0.7	0
22	Soft X-Ray Spectroscopy of Rare-Earth Elements in LHD Plasmas. Atoms, 2019, 7, 66.	1.6	5
23	Overview of first Wendelstein 7-X high-performance operation. Nuclear Fusion, 2019, 59, 112004.	3.5	165
24	Overview of recent TJ-II stellarator results. Nuclear Fusion, 2019, 59, 112019.	3.5	12
25	Plasma termination by excess pellet fueling and impurity injection in TJ-II, the Large Helical Device and Wendelstein 7-X. Nuclear Fusion, 2019, 59, 076010.	3.5	8
26	The isotope effect on impurities and bulk ion particle transport in the Large Helical Device. Nuclear Fusion, 2019, 59, 056029.	3.5	13
27	The impact of fast electrons on pellet injection in the stellarator TJ-II. Plasma Physics and Controlled Fusion, 2019, 61, 014013.	2.1	10
28	Modeling of Heat Pulse Propagation During TESPEL Injection into the LHD Plasma. Plasma and Fusion Research, 2019, 14, 3402121-3402121.	0.7	0
29	Electron temperature optimization for efficient water-window soft x-ray emission from discharge-produced highly charged zirconium ions. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 3555.	2.1	0
30	Identification of S VIII through S XIV emission lines between 17.5 and 50 nm in a magnetically confined plasma. Physica Scripta, 2018, 93, 035601.	2.5	4
31	Development of a tracer-containing compact-toroid injection system. Review of Scientific Instruments, 2018, 89, 10I111.	1.3	2
32	Characteristics of an under-expanded supersonic flow in arcjet plasmas. Japanese Journal of Applied Physics, 2018, 57, 066101.	1.5	7
33	High-density cascade arc plasma sources for application to plasma windows for virtual vacuum interfaces. Physics of Plasmas, 2018, 25, 113511.	1.9	11
34	Tracer-Encapsulated Solid Pellet (TESPEL) injection system for Wendelstein 7-X. Review of Scientific Instruments, 2018, 89, 10K112.	1.3	12
35	Density dependence of transient electron thermal transport property in LHD. Nuclear Fusion, 2018, 58, 126031.	3.5	5
36	Electron Temperature Distribution Measurements in Clouds of Polystyrene Pellets Ablating in LHD Heliotron Plasma. Technical Physics Letters, 2018, 44, 384-387.	0.7	4

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37	Magnetic configuration effects on the Wendelstein 7-X stellarator. <i>Nature Physics</i> , 2018, 14, 855-860.	16.7	110
38	Generation of a Large Diameter He Cascade Arc Plasma for a Plasma Window Application. <i>IEEE Transactions on Plasma Science</i> , 2018, 46, 2626-2629.	1.3	5
39	Systematic Observation of EUV Spectra from Highly Charged Lanthanide Ions in the Large Helical Device. <i>Atoms</i> , 2018, 6, 24.	1.6	14
40	Heat flux reconstruction and effective diffusion estimation from perturbative experiments using advanced filtering and confidence analysis. <i>Nuclear Fusion</i> , 2018, 58, 096036.	3.5	4
41	A comprehensive study on impurity behavior in LHD long pulse discharges. <i>Nuclear Materials and Energy</i> , 2017, 12, 124-132.	1.3	4
42	Major results from the first plasma campaign of the Wendelstein 7-X stellarator. <i>Nuclear Fusion</i> , 2017, 57, 102020.	3.5	128
43	Neon-like Iron Ion Lines Measured in NIFS/Large Helical Device (LHD) and Hinode/EUV Imaging Spectrometer (EIS). <i>Astrophysical Journal</i> , 2017, 842, 12.	4.5	2
44	Strong suppression of impurity accumulation in steady-state hydrogen discharges with high power NBI heating on LHD. <i>Nuclear Fusion</i> , 2017, 57, 056003.	3.5	13
45	Measurement of Ion Mach Number of Arcjet Plasmas by a Directional Langmuir Probe Under High-Gas Pressure. <i>IEEE Transactions on Plasma Science</i> , 2017, 45, 485-488.	1.3	3
46	Observation of the ECH effect on the impurity accumulation in the LHD. <i>Physics of Plasmas</i> , 2017, 24, 056118.	1.9	5
47	Extension of the operational regime of the LHD towards a deuterium experiment. <i>Nuclear Fusion</i> , 2017, 57, 102023.	3.5	116
48	Summary of the 6th asia-pacific transport working group (APTWG) meeting. <i>Nuclear Fusion</i> , 2017, 57, 087002.	3.5	1
49	Spectral evolution of soft x-ray emission from optically thin, high electron temperature platinum plasmas. <i>APL Photonics</i> , 2017, 2, .	5.7	2
50	Analysis of higher harmonics on bidirectional heat pulse propagation experiment in helical and tokamak plasmas. <i>Nuclear Fusion</i> , 2017, 57, 076013.	3.5	5
51	Extreme ultraviolet spectroscopy and atomic models of highly charged heavy ions in the Large Helical Device. <i>Plasma Physics and Controlled Fusion</i> , 2017, 59, 014009.	2.1	11
52	New evidence and impact of electron transport non-linearities based on new perturbative inter-modulation analysis. <i>Nuclear Fusion</i> , 2017, 57, 126036.	3.5	6
53	Comparison of cryogenic (hydrogen) and TESPEL (polystyrene) pellet particle deposition in a magnetically confined plasma. <i>Europhysics Letters</i> , 2017, 120, 25001.	2.0	11
54	Improvements in a Tracer-Encapsulated Solid Pellet and Its Injector for More Advanced Plasma Diagnostics. <i>Journal of Physics: Conference Series</i> , 2017, 823, 012003.	0.4	4

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55	Tracer-Encapsulated Solid Pellet (TESPEL) injection system for the TJ-II stellarator. Review of Scientific Instruments, 2016, 87, 11D619.	1.3	10
56	Observation of the inward propagation of spontaneous toroidal flow from the plasma boundary in LHD. Physics of Plasmas, 2016, 23, .	1.9	5
57	Development of a new tracer-encapsulated solid pellet injection system for more precise control of tracer-impurity-deposit location in LHD. Review of Scientific Instruments, 2016, 87, 11D615.	1.3	2
58	Mitigation of the tracer impurity accumulation by EC heating in the LHD. Plasma Physics and Controlled Fusion, 2016, 58, 114003.	2.1	5
59	Validation of the Digital Correlation ECE Measurement Technique using Low-Frequency Fluctuation in LHD. Plasma and Fusion Research, 2016, 11, 2402072-2402072.	0.7	1
60	Development of a cascade arc discharge source for an atmosphere-vacuum interface device. Review of Scientific Instruments, 2016, 87, 083503.	1.3	13
61	Observation of electron temperature turbulence with a correlation electron cyclotron emission radiometer on LHD. Journal of Instrumentation, 2016, 11, C01072-C01072.	1.2	2
62	EUV spectra from highly charged terbium ions in optically thin and thick plasmas. Journal of Physics: Conference Series, 2015, 583, 012007.	0.4	0
63	Development of quantitative atomic modeling for tungsten transport study using LHD plasma with tungsten pellet injection. Nuclear Fusion, 2015, 55, 093016.	3.5	26
64	Creation of Impurity Source inside Plasmas with Various Types of Tracer-Encapsulated Solid Pellet. Plasma and Fusion Research, 2015, 10, 1402056-1402056.	0.7	8
65	Integrated discharge scenario for high-temperature helical plasma in LHD. Nuclear Fusion, 2015, 55, 113020.	3.5	37
66	Characteristics of x-ray emission from optically thin high-Zplasmas in the soft x-ray region. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144011.	1.5	6
67	Temperature dependent EUV spectra of Gd, Tb and Dy ions observed in the Large Helical Device. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144012.	1.5	14
68	Towards an emerging understanding of non-locality phenomena and non-local transport. Nuclear Fusion, 2015, 55, 013022.	3.5	66
69	Imaging polychromator for density measurements of polystyrene pellet cloud on the Large Helical Device. Review of Scientific Instruments, 2015, 86, 043505.	1.3	5
70	Development of impurity seeding and radiation enhancement in the helical divertor of LHD. Nuclear Fusion, 2015, 55, 083016.	3.5	21
71	Flow damping due to stochastization of the magnetic field. Nature Communications, 2015, 6, 5816.	12.8	28
72	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.	3.5	10

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73	Radiated power distributions in impurity-seeded plasmas in LHD. Journal of Nuclear Materials, 2015, 463, 640-643.	2.7	8
74	Development of TESPEL Configurations for Plasma Diagnostics. Plasma and Fusion Research, 2014, 9, 1202082-1202082.	0.7	2
75	Impact of carbon impurities on the confinement of high-ion-temperature discharges in the Large Helical Device. Plasma Physics and Controlled Fusion, 2014, 56, 095011.	2.1	24
76	Observation of multi-scale turbulence and non-local transport in LHD plasmas. Physics of Plasmas, 2014, 21, 055904.	1.9	20
77	Study of non-linear coupling of fluctuations at long distance in LHD. Nuclear Fusion, 2014, 54, 114014.	3.5	12
78	Investigation of a shock wave in an arcjet He plasma by using an electric probe and emission spectroscopy. Journal of the Korean Physical Society, 2014, 65, 1252-1256.	0.7	2
79	Impurity shielding criteria for steady state hydrogen plasmas in the LHD, a heliotron-type device. Plasma Physics and Controlled Fusion, 2014, 56, 075014.	2.1	15
80	Explicit approximations to estimate the perturbative diffusivity in the presence of convectivity and damping. III. Cylindrical approximations for heat waves traveling inwards. Physics of Plasmas, 2014, 21, 112509.	1.9	3
81	Explicit approximations to estimate the perturbative diffusivity in the presence of convectivity and damping. I. Semi-infinite slab approximations. Physics of Plasmas, 2014, 21, 112507.	1.9	14
82	Explicit approximations to estimate the perturbative diffusivity in the presence of convectivity and damping. II. Semi-infinite cylindrical approximations. Physics of Plasmas, 2014, 21, 112508.	1.9	4
83	Development of steady-state operation using ICH in the LHD. , 2014, , .		0
84	Development of steady-state operation using ion cyclotron heating in the Large Helical Device. Physics of Plasmas, 2014, 21, 061505.	1.9	16
85	EUV spectroscopy of highly charged high Z ions in the Large Helical Device plasmas. Physica Scripta, 2014, 89, 114009.	2.5	19
86	The 3rd Asia-Pacific Transport Working Group (APTWG) Meeting. Nuclear Fusion, 2014, 54, 047001.	3.5	8
87	Self-Organized Rotating Filament Structure in Plasma in the Large Helical Device After Tracer Encapsulated Solid Pellet Injection. IEEE Transactions on Plasma Science, 2014, 42, 2512-2513.	1.3	0
88	Quasi-Moseley's law for strong narrow bandwidth soft x-ray sources containing higher charge-state ions. Applied Physics Letters, 2014, 104, .	3.3	43
89	Digital Correlation ECE Measurement Technique with a Gigahertz Sampling Digitizer. Plasma and Fusion Research, 2014, 9, 3402021-3402021.	0.7	4
90	Validation of Spectroscopic Model for Fe Ions in Non-Equilibrium Ionization Plasma in LHD and Hinode. Plasma and Fusion Research, 2014, 9, 1401056-1401056.	0.7	5

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91	Plasma Diagnostics with Tracer-Encapsulated Solid Pellet. Plasma and Fusion Research, 2014, 9, 1402039-1402039.	0.7	6
92	Measurements of Radiation Power from High Z Impurities with TESPEL and Comparison with Theoretical Calculations. Plasma and Fusion Research, 2014, 9, 1202147-1202147.	0.7	2
93	Overview of physics results from the conclusive operation of the National Spherical Torus Experiment. Nuclear Fusion, 2013, 53, 104007.	3.5	53
94	Control of 3D edge radiation structure with resonant magnetic perturbation fields applied to the stochastic layer and stabilization of radiative divertor plasma in LHD. Nuclear Fusion, 2013, 53, 093032.	3.5	48
95	Extreme ultraviolet spectra from highly charged gadolinium and neodymium ions in the Large Helical Device and laser produced plasmas. Physica Scripta, 2013, T156, 014078.	2.5	5
96	Transport characteristics of tracer and intrinsic impurities depending on the density of LHD plasmas. Plasma Physics and Controlled Fusion, 2013, 55, 095014.	2.1	14
97	APTWG: 2nd Asia-Pacific Transport Working Group Meeting. Nuclear Fusion, 2013, 53, 027001.	3.5	3
98	Extension of the operational regime in high-temperature plasmas and the dynamic-transport characteristics in the LHD. Nuclear Fusion, 2013, 53, 073034.	3.5	26
99	How is turbulence intensity determined by macroscopic variables in a toroidal plasma?. Nuclear Fusion, 2013, 53, 113006.	3.5	65
100	Spectroscopic Measurement of Shock Waves in an Arcjet Plasma Expanding Through a Conical Nozzle. Plasma Science and Technology, 2013, 15, 89-92.	1.5	6
101	Observation of visible forbidden lines from highly charged tungsten ions at the large helical device. Physica Scripta, 2013, T156, 014081.	2.5	18
102	Dynamic transport study of heat and momentum transport in a plasma with improved ion confinement in the Large Helical Device. Plasma Physics and Controlled Fusion, 2013, 55, 014011.	2.1	9
103	Extension of operation regimes and investigation of three-dimensional currentless plasmas in the Large Helical Device. Nuclear Fusion, 2013, 53, 104015.	3.5	35
104	Higher Harmonics in a Perturbative Transport Experiment. Plasma and Fusion Research, 2013, 8, 1202173-1202173.	0.7	12
105	New Method of Analysis for Dynamical Transport. Plasma and Fusion Research, 2013, 8, 1202172-1202172.	0.7	8
106	Impurity Transport Study with TESPEL Injection and Simulation. Plasma and Fusion Research, 2013, 8, 2402059-2402059.	0.7	4
107	Spectroscopic Observation of He Arcjet Plasma Expanding Through a Converging and Diverging Slit Nozzle. Engineering Journal, 2013, 17, 7-12.	1.0	0
108	Observation of EUV spectra from gadolinium and neodymium ions in the Large Helical Device. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 135002.	1.5	24

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109	Interpretation of EUV spectra in the 20 nm region from tungsten ions observed in the LHD. , 2012, , .		1
110	Tracer-encapsulated solid pellet injection system. Review of Scientific Instruments, 2012, 83, 023503.	1.3	45
111	Fluctuations with long-distance correlation in quasi-stationary and transient plasmas of LHD. Nuclear Fusion, 2012, 52, 023022.	3.5	13
112	Multiple-tracer TESPEL injection for studying impurity behaviour in a magnetically confined plasma. Nuclear Fusion, 2012, 52, 063012.	3.5	12
113	Bi-Coherence Analysis of Fluctuations with Long Distance Correlation in Toroidal Plasmas. Journal of the Physical Society of Japan, 2012, 81, 034501.	1.6	6
114	Progress of ECRH by EBW in over-dense plasmas and controlling the confinement regime by ECCD with high power launching in LHD. EPJ Web of Conferences, 2012, 32, 02006.	0.3	3
115	Improved Pellet Charge Exchange Measurements in Large Helical Device. Plasma and Fusion Research, 2012, 7, 2402138-2402138.	0.7	3
116	Effect of a magnetic island on the three-dimensional structure of edge radiation and its consequences on detachment in the Large Helical Device (EX-D). Nuclear Fusion, 2011, 51, 073005.	3.5	13
117	Overview of physics results from NSTX. Nuclear Fusion, 2011, 51, 094011.	3.5	10
118	Interpretation of spectral emission in the 20 nm region from tungsten ions observed in fusion device plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 175004.	1.5	18
119	Measurement of EUV Spectra from High Z Elements in the Large Helical Device. , 2011, , .		2
120	Observation of Long-Distance Radial Correlation in Toroidal Plasma Turbulence. Physical Review Letters, 2011, 107, 115001.	7.8	72
121	Coupling between long-range toroidal correlations and radial transport in the TJ-II boundary plasma. Nuclear Fusion, 2011, 51, 063025.	3.5	7
122	Heat and momentum transport of ion internal transport barrier plasmas on the Large Helical Device. Nuclear Fusion, 2011, 51, 083022.	3.5	39
123	Imaging Spectroscopy of Pellet Clouds in a Helical Plasma. IEEE Transactions on Plasma Science, 2011, 39, 2476-2477.	1.3	1
124	Temperature Variation in the Cutting Tool in End Milling. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2011, 133, .	2.2	68
125	Long Range Temperature Fluctuation in LHD. Plasma and Fusion Research, 2011, 6, 1402017-1402017.	0.7	9
126	Observation of Electron-Temperature Fluctuations Triggered by Supersonic Gas Puffing in the LHD. Plasma and Fusion Research, 2011, 6, 1402135-1402135.	0.7	1

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127	Experimental Study on Nonlocality of Heat Transport in LHD. Fusion Science and Technology, 2010, 58, 122-130.	1.1	4
128	Improvement of Plasma Core Confinement Via Electron-Root Realization by Strongly Focused ECRH in LHD: Core Electron-Root Confinement. Fusion Science and Technology, 2010, 58, 38-45.	1.1	6
129	Potential Measurement with the 6-MeV Heavy Ion Beam Probe of LHD. Plasma and Fusion Research, 2010, 5, S1015-S1015.	0.7	9
130	Potential Structure and Transport in the Magnetic Island in LHD. Fusion Science and Technology, 2010, 58, 113-121.	1.1	3
131	Overview of LHD Plasma Diagnostics. Fusion Science and Technology, 2010, 58, 331-344.	1.1	1
132	Spontaneous Toroidal Flow and Impurity Hole in the High Ion Temperature Plasma on LHD. Fusion Science and Technology, 2010, 58, 103-112.	1.1	4
133	Density Limits for the Core and Edge Plasmas Related to the Local Temperatures in LHD. Fusion Science and Technology, 2010, 58, 200-207.	1.1	15
134	Characteristics of Nonlocally-coupled Transition of the Heat Transport in LHD. Contributions To Plasma Physics, 2010, 50, 514-519.	1.1	4
135	Internal transport barrier formation induced by edge perturbation on LHD. Nuclear Fusion, 2010, 50, 064012.	3.5	3
136	Analysis of EUV spectra of Sn XIX-XXII observed in low-density plasmas in the Large Helical Device. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 074027.	1.5	30
137	Characterization of bifurcation induced by long distance correlation between heat flux and temperature gradient in toroidal plasmas. Plasma Physics and Controlled Fusion, 2010, 52, 075002.	2.1	11
138	Detachment stabilization with $n/m=1/1$ resonant magnetic perturbation field applied to the stochastic magnetic boundary of the Large Helical Device. Physics of Plasmas, 2010, 17, 056111.	1.9	51
139	Improvements of data quality of the LHD Thomson scattering diagnostics in high-temperature plasma experiments. Review of Scientific Instruments, 2010, 81, 10D522.	1.3	21
140	Tungsten spectra recorded at the LHD and comparison with calculations. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 205004.	1.5	78
141	Experimental study of radial electric field and electrostatic potential fluctuation in the Large Helical Device. Plasma Physics and Controlled Fusion, 2010, 52, 124025.	2.1	19
142	Parameter Regime of Ion Internal Transport Barrier Formation in the Large Helical Device. Plasma and Fusion Research, 2010, 5, S2029-S2029.	0.7	7
143	Observation of an impurity hole in a plasma with an ion internal transport barrier in the Large Helical Device. Physics of Plasmas, 2009, 16, .	1.9	91
144	Observation of an impurity hole in the Large Helical Device. Nuclear Fusion, 2009, 49, 062002.	3.5	46

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145	Dynamics of ion internal transport barrier in LHD heliotron and JT-60U tokamak plasmas. Nuclear Fusion, 2009, 49, 095024.	3.5	21
146	On impurity handling in high performance stellarator/heliotron plasmas. Nuclear Fusion, 2009, 49, 065005.	3.5	54
147	Comparative divertor-transport study for helical devices. Nuclear Fusion, 2009, 49, 095002.	3.5	23
148	Activities on Realization of High-Power and Steady-State ECRH System and Achievement of High Performance Plasmas in LHD. , 2009, , .		1
149	Model prediction of impurity retention in stochastic magnetic boundary and comparison with edge carbon emission in LHD. Journal of Nuclear Materials, 2009, 390-391, 325-329.	2.7	14
150	Overview of results from the National Spherical Torus Experiment (NSTX). Nuclear Fusion, 2009, 49, 104016.	3.5	41
151	Development of net-current free heliotron plasmas in the Large Helical Device. Nuclear Fusion, 2009, 49, 104015.	3.5	54
152	EUV spectra from highly charged tin ions observed in low density plasmas in LHD. Journal of Physics: Conference Series, 2009, 163, 012019.	0.4	10
153	Extension of Improved Particle and Energy Confinement Regime in the Core of LHD Plasma. Plasma and Fusion Research, 2009, 4, 027-027.	0.7	15
154	D12 Transient Temperature Variation beneath Rake Face in End Milling(Monitoring of machining) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 LEM21, 2009, 2009.5, 457-460.	0.0	0
155	Helium measurements simulating alpha-particle diagnostics by the pellet charge exchange in Large Helical Device. AIP Conference Proceedings, 2008, , .	0.4	0
156	Spectroscopic diagnostics for ablation cloud of tracer-encapsulated solid pellet in LHD. Review of Scientific Instruments, 2008, 79, 10F541.	1.3	12
157	Core electron temperature rise due to Ar gas-puff in EC-heated LHD plasmas. Journal of Physics: Conference Series, 2008, 123, 012023.	0.4	1
158	Density limit study focusing on the edge plasma parameters in LHD. Nuclear Fusion, 2008, 48, 015003.	3.5	36
159	Pellet charge exchange helium measurement using neutral particle analyzer in large helical device. Review of Scientific Instruments, 2008, 79, 10E518.	1.3	8
160	Calculation of low-Z impurity pellet induced fluxes of charge exchange neutral particles escaping from magnetically confined toroidal plasmas. Review of Scientific Instruments, 2008, 79, 10F312.	1.3	5
161	Change of fluctuation properties during non-local temperature rise in LHD from 2d phase contrast imaging. Journal of Physics: Conference Series, 2008, 123, 012018.	0.4	3
162	Clear transition to high-T _e state with an electron internal transport barrier creation in EC heated LHD plasmas. Journal of Physics: Conference Series, 2008, 123, 012022.	0.4	3

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163	Measurement and Modeling of Density-Sensitive Lines of Fe ^{xiii} in the Extreme Ultraviolet. <i>Astrophysical Journal</i> , 2008, 689, 646-652.	4.5	28
164	Density Control by Second Harmonic X-Mode ECRH in LHD. <i>Plasma and Fusion Research</i> , 2008, 3, S1028-S1028.	0.7	3
165	Electrostatic Potential Measurement by Using 6-MeV Heavy Ion Beam Probe on LHD. <i>Plasma and Fusion Research</i> , 2008, 3, 031-031.	0.7	10
166	Transport Dynamics and Multi-Scale Coupling of Turbulence in LHD. <i>Plasma and Fusion Research</i> , 2008, 3, S1006-S1006.	0.7	7
167	Dynamic Transport Study of Electron Thermal Energy in Nonlinear Fusion Plasma. <i>Plasma and Fusion Research</i> , 2008, 3, S1029-S1029.	0.7	0
168	ECH experiments aiming at further advanced operations in LHD. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
169	Extended steady-state and high-beta regimes of net-current free heliotron plasmas in the Large Helical Device. <i>Nuclear Fusion</i> , 2007, 47, S668-S676.	3.5	44
170	Impact of nonlocal electron heat transport on the high temperature plasmas of LHD. <i>Nuclear Fusion</i> , 2007, 47, 449-455.	3.5	63
171	Superdense core mode in the Large Helical Device with an internal diffusion barrier. <i>Physics of Plasmas</i> , 2007, 14, 056113.	1.9	29
172	EUV Spectra Measured from Large Helical Device and Atomic Data. <i>Fusion Science and Technology</i> , 2007, 51, 126-131.	1.1	0
173	High-energy neutral particle measurements simulating H^{\pm} particle diagnostics in Large Helical Device. <i>Fusion Engineering and Design</i> , 2007, 82, 1251-1257.	1.9	2
174	Analysis of difference in H^{\pm} spectral line profiles between attachment and detachment plasmas in LHD. <i>Journal of Nuclear Materials</i> , 2007, 363-365, 325-329.	2.7	1
175	Multi-Functional Diagnostic Method with Tracer-Encapsulated Pellet Injection. <i>Plasma and Fusion Research</i> , 2007, 2, S1013-S1013.	0.7	4
176	Helium Measurements using the Pellet Charge Exchange in Large Helical Device. <i>Plasma and Fusion Research</i> , 2007, 2, S1072-S1072.	0.7	4
177	Impurity Transport Studies on LHD. <i>Plasma and Fusion Research</i> , 2007, 2, S1131-S1131.	0.7	2
178	Local pellet based and line-integrated nonperturbing charge exchange measurements with a compact neutral particle analyzer on Large Helical Device. <i>Review of Scientific Instruments</i> , 2006, 77, 10F119.	1.3	14
179	High Energy Particle Measurement using Compact Neutral Particle Energy Analyzer in Large Helical Device. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	2
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