

Baonian Wan

List of Publications by Year in descending order

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155
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136950

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155
all docs

155
docs citations

155
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	EAST steady-state long pulse H-mode with core-edge integration for CFETR. Nuclear Fusion, 2022, 62, 076009.	3.5	14
2	Edge localized modes suppression via edge E \times B velocity shear induced by RF sheath of ion cyclotron resonance heating in EAST. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	7
3	Neutron emission and fast ion simulation for high performance long pulses at EAST. Review of Scientific Instruments, 2021, 92, 043552.	1.3	0
4	A compact stilbene crystal neutron spectrometer for NBI-heated plasma neutron diagnostics at EAST. Review of Scientific Instruments, 2021, 92, 043506.	1.3	2
5	Progress of Divertor Heat and Particle Flux Control in EAST for Advanced Steady-State Operation in the Last 10 Years. Journal of Fusion Energy, 2021, 40, 1.	1.2	9
6	The First Experimental Results of Time-of-Flight Neutron Spectrometer at EAST. Journal of Fusion Energy, 2021, 40, 1.	1.2	3
7	Reconstructions of velocity distributions from fast-ion D-alpha (FIDA) measurements on EAST. Plasma Science and Technology, 2021, 23, 095103.	1.5	8
8	Sustained edge-localized-modes suppression and radiative divertor with an impurity-driven instability in tokamak plasmas. Nuclear Fusion, 2021, 61, 116032.	3.5	9
9	Integrated ELM and divertor power flux control using RMPs with low input torque in EAST in support of the ITER research plan. Nuclear Fusion, 2021, 61, 106023.	3.5	16
10	Study on pedestal fluctuations in H-modes without large ELMs during the transition to a detached tungsten divertor in EAST. Nuclear Fusion, 2021, 61, 126050.	3.5	5
11	Improved high-performance fully non-inductive discharge by optimizing the fast-ion confinement on EAST. Nuclear Fusion, 2020, 60, 016002.	3.5	14
12	Progress of physics understanding for long pulse high-performance plasmas on EAST towards the steady-state operation of ITER and CFETR. Plasma Physics and Controlled Fusion, 2020, 62, 014019.	2.1	22
13	Main experimental results and challenges in ICRF heating on EAST. AIP Conference Proceedings, 2020, , .	0.4	7
14	Study of core plasma rotation characteristics of RF-heated H-mode discharges on experimental advanced superconducting tokamak. Physics of Plasmas, 2020, 27, .	1.9	7
15	First experimental results of intrinsic torque on EAST. Plasma Science and Technology, 2020, 22, 065104.	1.5	3
16	A New Path to Improve High β_p Plasma Performance on EAST for Steady-State Tokamak Fusion Reactor*. Chinese Physics Letters, 2020, 37, 045202.	3.3	14
17	Simulations of scattered neutrons for the time-of-flight enhanced diagnostics (TOFED) neutron spectrometer on EAST. Plasma Science and Technology, 2020, 22, 084004.	1.5	3
18	Integrated operation of steady-state long-pulse H-mode in Experimental Advanced Superconducting Tokamak. Nuclear Fusion, 2019, 59, 086030.	3.5	68

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19	Observation of a fully non-inductive H-mode regime dominated by the sporadic-small edge-localized modes in EAST with a tungsten divertor. Plasma Physics and Controlled Fusion, 2019, 61, 085006.	2.1	1
20	Promising High-Confinement Regime for Steady-State Fusion. Physical Review Letters, 2019, 122, 255001.	7.8	43
21	Pace making of edge localized modes with low-hybrid-wave power pulses in the EAST superconducting tokamak. Plasma Physics and Controlled Fusion, 2019, 61, 065023.	2.1	2
22	Suppression of molybdenum impurity accumulation in the core using on-axis electron cyclotron resonance heating in EAST. Physics of Plasmas, 2019, 26, 032507.	1.9	9
23	Concept design of ultrafast charge exchange recombination spectroscopy on EAST tokamak. Fusion Engineering and Design, 2019, 146, 522-525.	1.9	2
24	Stability analysis of ELMs in long-pulse discharges with ELITE code on EAST tokamak. Plasma Physics and Controlled Fusion, 2018, 60, 055002.	2.1	5
25	Extreme Ultraviolet Spectroscopy Applied to Study RMP Effects on Core Impurity Concentration in EAST. IEEE Transactions on Plasma Science, 2018, 46, 1350-1355.	1.3	8
26	Experimental study on the magnetic coherent mode in the H-mode pedestal of EAST. Nuclear Fusion, 2018, 58, 112004.	3.5	19
27	Velocity-space sensitivity of time-of-flight neutron spectrometer at EAST in deuterium plasma. Review of Scientific Instruments, 2018, 89, 101143.	1.3	4
28	Upgrade of X-ray crystal spectrometer for high temperature measurement using neon-like xenon lines on EAST. Review of Scientific Instruments, 2018, 89, 10F110.	1.3	10
29	Simultaneous measurement of C VI, Ne X, and Li III charge exchange lines on EAST. Review of Scientific Instruments, 2018, 89, 10D119.	1.3	2
30	Fast ion D-alpha measurements using a bandpass-filtered system on EAST. Review of Scientific Instruments, 2018, 89, 10D121.	1.3	8
31	Development of wavelength calibration techniques for high-resolution x-ray imaging crystal spectrometers on the EAST tokamak. Review of Scientific Instruments, 2018, 89, 10F112.	1.3	11
32	Influence of neutral beam attenuation on beam emission spectroscopy and charge exchange recombination spectroscopy. Review of Scientific Instruments, 2018, 89, 073503.	1.3	0
33	Non-inductive vertical position measurements by Faraday-effect polarimetry on EAST tokamak. Review of Scientific Instruments, 2018, 89, 10B103.	1.3	7
34	Neutron emission spectroscopy measurements with a compact liquid scintillation detector for NBI-heated plasma at EAST. Plasma Physics and Controlled Fusion, 2018, 60, 095004.	2.1	15
35	Effect of $\hat{\alpha} B$ drift on the H-mode power threshold in upper single null plasmas with ITER-like tungsten divertor on EAST. Physics of Plasmas, 2018, 25, .	1.9	13
36	Hot spots induced by LHCD in the shadow of antenna limiters in the EAST tokamak. Physics of Plasmas, 2018, 25, .	1.9	14

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37	Four-dimensional calibration turntable of the motional Stark effect diagnostic on EAST. Review of Scientific Instruments, 2018, 89, 10B108.	1.3	0
38	Studies of challenge in lower hybrid current drive capability at high density regime in experimental advanced superconducting tokamak. Journal of Plasma Physics, 2017, 83, .	2.1	2
39	Observation of internal transport barrier in ELMy H-mode plasmas on the EAST tokamak. Plasma Physics and Controlled Fusion, 2017, 59, 085003.	2.1	34
40	Realization of minute-long steady-state H-mode discharges on EAST. Plasma Science and Technology, 2017, 19, 032001.	1.5	46
41	Analysis of electron temperature, impurity transport and MHD activity with multi-energy soft x-ray diagnostic in EAST tokamak. Plasma Science and Technology, 2017, 19, 125101.	1.5	3
42	Observation and characterization of the effect of electron cyclotron waves on toroidal rotation in EAST L-mode discharges. Plasma Science and Technology, 2017, 19, 105101.	1.5	3
43	Investigation of energy transport in DIII-D High- β_p EAST-demonstration discharges with the TGLF turbulent and NEO neoclassical transport models. Nuclear Fusion, 2017, 57, 036018.	3.5	23
44	Development of beam emission spectroscopy diagnostic on EAST. Review of Scientific Instruments, 2017, 88, 083505.	1.3	7
45	Key issues for long-pulse high- β_N operation with the Experimental Advanced Superconducting Tokamak (EAST). Nuclear Fusion, 2017, 57, 056021.	3.5	47
46	Development of signal analysis method for the motional Stark effect diagnostic on EAST. Plasma Science and Technology, 2017, 19, 104001.	1.5	3
47	Development of high poloidal beta, steady-state scenario with ITER-like tungsten divertor on EAST. Nuclear Fusion, 2017, 57, 076037.	3.5	44
48	Design of Ultra-Fast Charge eXchange Recombination Spectroscopy diagnostic on EAST tokamak. Journal of Instrumentation, 2017, 12, C08022-C08022.	1.2	2
49	Confinement improvement in the high poloidal beta regime on DIII-D and application to steady-state H-mode on EAST. Physics of Plasmas, 2017, 24, .	1.9	41
50	Upgrades of poloidal and tangential x-ray imaging crystal spectrometers for temperature and rotation measurements on EAST. Review of Scientific Instruments, 2016, 87, 11E342.	1.3	15
51	EAST Contributions to Closing CFETR Physics Gaps. IEEE Transactions on Plasma Science, 2016, 44, 2502-2510.	1.3	2
52	Measurement and simulation of the response function of time of flight enhanced diagnostics neutron spectrometer for beam ion studies at EAST tokamak. Review of Scientific Instruments, 2016, 87, 11D836.	1.3	7
53	Status of neutron diagnostics on the experimental advanced superconducting tokamak. Review of Scientific Instruments, 2016, 87, 11D820.	1.3	22
54	First results from solid state neutral particle analyzer on experimental advanced superconducting tokamak. Review of Scientific Instruments, 2016, 87, 11D834.	1.3	8

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55	Validation of fast-ion D-alpha spectrum measurements during EAST neutral-beam heated plasmas. Review of Scientific Instruments, 2016, 87, 11E542.	1.3	9
56	Performance of current measurement system in poloidal field power supply for Experimental Advanced Superconducting Tokamak. Review of Scientific Instruments, 2016, 87, 11D842.	1.3	0
57	Progress toward steady-state tokamak operation exploiting the high bootstrap current fraction regime. Physics of Plasmas, 2016, 23, .	1.9	33
58	Initial measurements of plasma current and electron density profiles using a polarimeter/interferometer (POINT) for long pulse operation in EAST (invited). Review of Scientific Instruments, 2016, 87, 11D903.	1.3	104
59	Ideal magnetohydrodynamic theory for localized interchange modes in toroidal anisotropic plasmas. Physics of Plasmas, 2016, 23, .	1.9	2
60	Improved spatial calibration for the CXRS system on EAST. Review of Scientific Instruments, 2016, 87, 11E539.	1.3	2
61	Upgrade of Langmuir probe diagnostic in ITER-like tungsten mono-block divertor on experimental advanced superconducting tokamak. Review of Scientific Instruments, 2016, 87, 083504.	1.3	80
62	First measurement of the edge charge exchange recombination spectroscopy on EAST tokamak. Review of Scientific Instruments, 2016, 87, 11E501.	1.3	15
63	Nonlinear Transition from Mitigation to Suppression of the Edge Localized Mode with Resonant Magnetic Perturbations in the EAST Tokamak. Physical Review Letters, 2016, 117, 115001.	7.8	187
64	Low-to-High Confinement Transition Mediated by Turbulence Radial Wave Number Spectral Shift in a Fusion Plasma. Physical Review Letters, 2016, 116, 095002.	7.8	16
65	Observation of Central Toroidal Rotation Induced by ICRF on EAST. Plasma Science and Technology, 2016, 18, 114-119.	1.5	7
66	Measurement of helium-like and hydrogen-like argon spectra using double-crystal X-ray spectrometers on EAST. Review of Scientific Instruments, 2016, 87, 11E326.	1.3	20
67	Electromagnetic interference reduction design of alternating integrator for EAST. Review of Scientific Instruments, 2016, 87, 11D839.	1.3	2
68	Retarding field analyzer for the EAST plasma boundary. Review of Scientific Instruments, 2016, 87, 123503.	1.3	11
69	Efforts to achieve high-performance long-pulse operations in the EAST. Plasma Physics and Controlled Fusion, 2016, 58, 014029.	2.1	4
70	Edge multi-energy soft x-ray diagnostic in Experimental Advanced Superconducting Tokamak. Review of Scientific Instruments, 2015, 86, 123512.	1.3	12
71	Compatibility of internal transport barrier with steady-state operation in the high bootstrap fraction regime on DIII-D. Nuclear Fusion, 2015, 55, 123025.	3.5	83
72	Initial operation of high power ICRF system for long pulse in EAST. AIP Conference Proceedings, 2015, , .	0.4	4

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73	A fast-time-response extreme ultraviolet spectrometer for measurement of impurity line emissions in the Experimental Advanced Superconducting Tokamak. Review of Scientific Instruments, 2015, 86, 123509.	1.3	73
74	EAST contributions to closing CFETR physics gaps. , 2015, , .		0
75	Calibration of the toroidal Charge eXchange Recombination Spectroscopy system on EAST. Fusion Engineering and Design, 2015, 96-97, 840-843.	1.9	5
76	Investigation of Toroidal Acceleration and Potential Acceleration Forces in EAST and J-TEXT Plasmas. Plasma and Fusion Research, 2015, 10, 3402069-3402069.	0.7	1
77	Modeling of non-axisymmetric magnetic perturbations in tokamaks. Plasma Physics and Controlled Fusion, 2015, 57, 045003.	2.1	44
78	New Steady-State Quiescent High-Confinement Plasma in an Experimental Advanced Superconducting Tokamak. Physical Review Letters, 2015, 114, 055001.	7.8	93
79	Test of bootstrap current models using high- β_p EAST-demonstration plasmas on DIII-D. Plasma Physics and Controlled Fusion, 2015, 57, 025020.	2.1	7
80	Conceptual Design of the CFETR Toroidal Field Superconducting Coils. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-9.	1.7	17
81	Fast electron flux driven by lower hybrid wave in the scrape-off layer. Physics of Plasmas, 2015, 22, .	1.9	21
82	Engineering Design of EAST Passive Stabilization Loop. Journal of Fusion Energy, 2015, 34, 504-508.	1.2	1
83	Algorithm Validation of the Current Profile Reconstruction of EAST Based on Polarimeter/Interferometer. Plasma Science and Technology, 2015, 17, 75-79.	1.5	14
84	Advances in H-mode physics for long-pulse operation on EAST. Nuclear Fusion, 2015, 55, 104015.	3.5	101
85	Toroidal charge exchange recombination spectroscopy on EAST. Fusion Engineering and Design, 2015, 96-97, 1017-1020.	1.9	13
86	Data acquisition system with pulse height capability for the TOFED time-of-flight neutron spectrometer. Review of Scientific Instruments, 2014, 85, 11D830.	1.3	10
87	Preparations for the motional Stark effect diagnostic on EAST. Review of Scientific Instruments, 2014, 85, 11D410.	1.3	10
88	Development of an integrated energetic neutral particle measurement system on experimental advanced full superconducting tokamak. Review of Scientific Instruments, 2014, 85, 11E107.	1.3	10
89	Faraday-effect polarimeter-interferometer system for current density measurement on EAST. Review of Scientific Instruments, 2014, 85, 11D405.	1.3	70
90	Development of an alternating integrator for magnetic measurements for experimental advanced superconducting tokamak. Review of Scientific Instruments, 2014, 85, 11E826.	1.3	9

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91	Development of the charge exchange recombination spectroscopy and the beam emission spectroscopy on the EAST tokamak. Review of Scientific Instruments, 2014, 85, 11E428.	1.3	60
92	Light output function and assembly of the time-of-flight enhanced diagnostics neutron spectrometer plastic scintillators for background reduction by double kinematic selection at EAST. Review of Scientific Instruments, 2014, 85, 11E112.	1.3	6
93	Upgrades of imaging x-ray crystal spectrometers for high-resolution and high-temperature plasma diagnostics on EAST. Review of Scientific Instruments, 2014, 85, 11E406.	1.3	45
94	Design of the radiation shielding for the time of flight enhanced diagnostics neutron spectrometer at Experimental Advanced Superconducting Tokamak. Review of Scientific Instruments, 2014, 85, 11E115.	1.3	9
95	Conceptual design of a fast-ion D-alpha diagnostic on experimental advanced superconducting tokamak. Review of Scientific Instruments, 2014, 85, 11E407.	1.3	12
96	Lower hybrid current drive and ion cyclotron range of frequencies heating experiments in H-mode plasmas in Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2014, 21, 061501.	1.9	5
97	Diagnosing NB plasmas on the EAST tokamak with new time-of-flight neutron spectrometer. Nuclear Fusion, 2014, 54, 104008.	3.5	29
98	Recent advances in long-pulse high-confinement plasma operations in Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2014, 21, 056107.	1.9	25
99	Monte Carlo simulation of a Bonner sphere spectrometer for application to the determination of neutron field in the Experimental Advanced Superconducting Tokamak experimental hall. Review of Scientific Instruments, 2014, 85, 11E417.	1.3	10
100	Design of a magnetic shielding system for the time of flight enhanced diagnostics neutron spectrometer at Experimental Advanced Superconducting Tokamak. Review of Scientific Instruments, 2014, 85, 11D829.	1.3	8
101	New Edge Coherent Mode Providing Continuous Transport in Long-Pulse H-mode Plasmas. Physical Review Letters, 2014, 112, 185004.	7.8	93
102	Physics Design of CFETR: Determination of the Device Engineering Parameters. IEEE Transactions on Plasma Science, 2014, 42, 495-502.	1.3	141
103	RAMI Analysis Program Design and Research for CFETR (Chinese Fusion Engineering Testing Reactor) Tokamak Machine. Journal of Fusion Energy, 2014, 33, 516-522.	1.2	4
104	Spatially-resolved flat-field soft X-ray spectrometer on experimental advanced superconducting tokamak. Fusion Engineering and Design, 2013, 88, 3072-3077.	1.9	13
105	Neutron energy spectrum measurements with a compact liquid scintillation detector on EAST. Journal of Instrumentation, 2013, 8, P07016-P07016.	1.2	29
106	A long-pulse high-confinement plasma regime in the Experimental Advanced Superconducting Tokamak. Nature Physics, 2013, 9, 817-821.	16.7	234
107	EAST accomplishments/plans in support of fusion next-steps. , 2013, , .		5
108	Space-resolved extreme ultraviolet spectrometer system for impurity behavior research on experimental advanced superconducting Tokamak. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 700, 86-90.	1.6	24

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109	Modelling of radiative divertor operation towards detachment in experimental advanced superconducting tokamak. <i>Physics of Plasmas</i> , 2013, 20, .	1.9	14
110	Concept design of CFETR Tokamak machine. , 2013, , .		21
111	Progress of long pulse and H-mode experiments in EAST. <i>Nuclear Fusion</i> , 2013, 53, 104006.	3.5	100
112	Magnetic Topology Changes Induced by Lower Hybrid Waves and their Profound Effect on Edge-Localized Modes in the EAST Tokamak. <i>Physical Review Letters</i> , 2013, 110, 235002.	7.8	112
113	A compact stilbene crystal neutron spectrometer for EAST D-D plasma neutron diagnostics. <i>Review of Scientific Instruments</i> , 2013, 84, 033506.	1.3	17
114	Statistical characterization of turbulence in the boundary plasma of EAST. <i>Plasma Physics and Controlled Fusion</i> , 2013, 55, 115007.	2.1	24
115	Recent Progress on EAST. <i>Fusion Science and Technology</i> , 2013, 64, 417-423.	1.1	13
116	First observation of a new zonal-flow cycle state in the H-mode transport barrier of the experimental advanced superconducting Tokamak. <i>Physics of Plasmas</i> , 2012, 19, 122502.	1.9	14
117	Zonal flow triggers the L-H transition in the Experimental Advanced Superconducting Tokamak. <i>Physics of Plasmas</i> , 2012, 19, 072311.	1.9	83
118	Upgrades of the high resolution imaging x-ray crystal spectrometers on experimental advanced superconducting tokamak. <i>Review of Scientific Instruments</i> , 2012, 83, 10E130.	1.3	21
119	Features of the repetition frequency of edge localized modes in EAST. <i>Radiation Effects and Defects in Solids</i> , 2012, 167, 743-751.	1.2	0
120	Observation of Cocurrent Toroidal Rotation in the EAST Tokamak with Lower-Hybrid Current Drive. <i>Physical Review Letters</i> , 2011, 106, 235001.	7.8	46
121	Electron Cyclotron Heating Program and Electron Cyclotron Emission Diagnostics on the EAST and HT-7 Superconducting Tokamaks. <i>Fusion Science and Technology</i> , 2011, 59, 631-639.	1.1	2
122	Recent progress in RF heating and long-pulse experiments on EAST. <i>Nuclear Fusion</i> , 2011, 51, 094007.	3.5	75
123	A Dip Structure in the Intrinsic Toroidal Rotation Near the Edge of the Ohmic Plasmas in EAST. <i>Plasma Science and Technology</i> , 2011, 13, 397-404.	1.5	12
124	Investigation of lower hybrid wave coupling and current drive experiments at different configurations in experimental advanced superconducting tokamak. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	42
125	Spatially Resolved Measurements of Temperature and Rotation Velocity from the Tangential Imaging X-ray Crystal Spectrometer on the EAST Tokamak. <i>Journal of the Korean Physical Society</i> , 2011, 59, 2734-2738.	0.7	20
126	Heat transport analysis of the improved confinement discharge with LHW in the HT-7 tokamak. <i>Journal of Plasma Physics</i> , 2010, 76, 229-237.	2.1	1

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127	Imaging x-ray crystal spectrometer on EAST. Plasma Physics and Controlled Fusion, 2010, 52, 085014.	2.1	48
128	Experimental investigation of $m/n = 1/1$ and high-order harmonic modes during the sawtooth oscillation in a low β^2 tokamak plasma. Plasma Physics and Controlled Fusion, 2010, 52, 015008.	2.1	15
129	Intermittent convective transport carried by propagating electromagnetic filamentary structures in nonuniformly magnetized plasma. Physics of Plasmas, 2010, 17, 022501.	1.9	38
130	Fast reciprocating probe system on the EAST superconducting tokamak. Review of Scientific Instruments, 2010, 81, 113501.	1.3	59
131	Recent experiments in the EAST and HT-7 superconducting tokamaks. Nuclear Fusion, 2009, 49, 104011.	3.5	151
132	A new low drift integrator system for the Experiment Advanced Superconductor Tokamak. Review of Scientific Instruments, 2009, 80, 053506.	1.3	24
133	Equilibrium properties on the EAST superconducting tokamak. Journal of Plasma Physics, 2009, 75, 337-344.	2.1	3
134	Resonant interaction of runaway electrons with magnetic field ripple in tokamak plasmas. Journal of Plasma Physics, 2009, 75, 669-674.	2.1	2
135	RF experiments and future plan on Superconducting tokamak HT-7 and EAST. , 2009, , .		4
136	Measurement of Reynolds Stress and Zonal Flows in a Tokamak Using Langmuir Probe Array. Contributions To Plasma Physics, 2006, 46, 455-459.	1.1	0
137	Measurement of the runaway electrons in the HT-7 tokamak. Review of Scientific Instruments, 2006, 77, 013502.	1.3	18
138	Extraction of large-scale coherent structure from plasma turbulence using rake probe and wavelet analysis in a tokamak. Review of Scientific Instruments, 2006, 77, 063505.	1.3	3
139	Application of wavelet multiresolution analysis to the study of self-similarity and intermittency of plasma turbulence. Review of Scientific Instruments, 2006, 77, 083505.	1.3	7
140	Excitation of internal kink mode by barely trapped suprathermal electrons. Physics of Plasmas, 2005, 12, 092507.	1.9	18
141	Plasma density behavior with new graphite limiters in the Hefei Tokamak-7. Physics of Plasmas, 2005, 12, 082502.	1.9	21
142	Soft x-ray pulse height analyzer in the HT-7 tokamak. Review of Scientific Instruments, 2004, 75, 4930-4933.	1.3	22
143	Study of Electron Heat Pulse Propagation and Particle Diffusion During the Synergy of LHW and IBW Heating in the HT-7. Journal of Infrared, Millimeter and Terahertz Waves, 2004, 25, 1163-1173.	0.6	0
144	Edge turbulent transport with lower hybrid current drive in the Hefei Tokamak-7. Physics of Plasmas, 2004, 11, 207-213.	1.9	9

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145	Density Profile and Diffusion Coefficient During IBW Heating in the HT-7 Superconducting Tokamak. Journal of Infrared, Millimeter and Terahertz Waves, 2003, 24, 1047-1061.	0.6	1
146	The propagation of ion Bernstein waves in heliotron/torsatron magnetic configurations. Physics of Plasmas, 2003, 10, 3692-3702.	1.9	1
147	Sawtooth characteristics in ohmically heated HT-7 plasma. Journal of Plasma Physics, 2003, 69, 109-130.	2.1	3
148	Improved confinement through internal transport barrier formation with lower hybrid current drive in the Hefei Tokamak-7. Physics of Plasmas, 2002, 9, 4996-5000.	1.9	7
149	In search of zonal flows using cross-bispectrum analysis in the boundary plasma of the Hefei Tokamak-7. Physics of Plasmas, 2002, 9, 150-154.	1.9	22
150	Application of Far-Infrared and Millimeter Wave Techniques in Plasma Diagnostics in Hefei Tokamaks. Journal of Infrared, Millimeter and Terahertz Waves, 2001, 22, 209-216.	0.6	3
151	A New Method for Asymmetrical Abel Inversion Using Fourier-Bessel Expansions. Journal of Infrared, Millimeter and Terahertz Waves, 2000, 21, 1973-1987.	0.6	8
152	Plasma density behavior in the Hefei tokamak-7. Physics of Plasmas, 2000, 7, 2933-2938.	1.9	30
153	Properties and the influences on plasma performance for the film produced by radio frequency boronization. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2000, 18, 2835-2842.	2.1	3
154	Role of Reynolds Stress-Induced Poloidal Flow in Triggering the Transition to Improved Ohmic Confinement on the HT-6M Tokamak. Physical Review Letters, 2000, 84, 3867-3870.	7.8	90
155	Influence of low-Z impurity on the stabilization of $m/n = 2/1$ tearing/locked modes in EAST. Nuclear Fusion, 0, , .	3.5	4