

Guo-Sheng Xu

List of Publications by Year in descending order

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199
papers

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200
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200
docs citations

200
times ranked

1821
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Langmuir probe array for the new lower tungsten divertor in EAST. Fusion Engineering and Design, 2022, 175, 113011.	1.9	8
2	Development of advanced stellarator with identical permanent magnet blocks. Cell Reports Physical Science, 2022, 3, 100709.	5.6	4
3	Comparison of dynamical features between the fast H-L and the H-I-L transition for EAST RF-heated plasmas. Physica Scripta, 2022, 97, 015601.	2.5	2
4	Fast-sweeping Langmuir probes: what happens to the $I \sim V$ trace when sweeping frequency is higher than the ion plasma frequency?. Plasma Science and Technology, 2022, 24, 025404.	1.5	2
5	Experimental Evidence of Intrinsic Current Generation by Turbulence in Stationary Tokamak Plasmas. Physical Review Letters, 2022, 128, 085003.	7.8	16
6	Divertor detachment operation in helium plasmas with ITER-like tungsten divertor in EAST. Plasma Science and Technology, 2022, 24, 075101.	1.5	1
7	Linear simulation of magnetohydrodynamic plasma response to three-dimensional magnetic perturbations in high- β^2 plasmas. Nuclear Fusion, 2022, 62, 036022.	3.5	0
8	Experimental investigation of scrape-off layer blob high density transition in L-mode plasmas on EAST. Plasma Science and Technology, 2022, 24, 075103.	1.5	1
9	Influence of the drifts on the double-peaked emission profile of the visible light in the upper divertor region of EAST. Contributions To Plasma Physics, 2022, 62, .	1.1	3
10	Experimental investigation of electromagnetic GAMs under the influence of 3D magnetic topological structure in EAST. Plasma Physics and Controlled Fusion, 2022, 64, 054007.	2.1	1
11	Power law fitting of the ion saturation current and the three-temperature Maxwellian EEDF in a multi-dipole confined hot cathode discharge: an experimental revisit. Plasma Sources Science and Technology, 2022, 31, 045002.	3.1	10
12	Upgrade and application of the gas puff imaging system in EAST. Fusion Engineering and Design, 2022, 179, 113156.	1.9	1
13	Development and application of limiter Langmuir probe array in EAST. Fusion Engineering and Design, 2022, 180, 113162.	1.9	2
14	Probabilistic effect of metastable excitation on lock-in amplified plasma laser-induced fluorescence diagnostics at modulation frequencies comparable to the fluorescence frequency. Journal of Plasma Physics, 2022, 88, .	2.1	0
15	Observation of non-thermal metastable ion velocity distributions in a miniaturized multi-dipole confined plasma device. Physics of Plasmas, 2022, 29, 063504.	1.9	1
16	Recent progress in Chinese fusion research based on superconducting tokamak configuration. Innovation(China), 2022, 3, 100269.	9.1	10
17	Design of quasi-axisymmetric stellarators with varying-thickness permanent magnets based on Fourier and surface magnetic charges method. Nuclear Fusion, 2021, 61, 026025.	3.5	8
18	Plasma performance improvement with favourable B_t relative to unfavourable B_t in RF-heated H-mode plasmas in EAST. Nuclear Fusion, 2021, 61, 026014.	3.5	8

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19	Tomographic reconstruction of emissive profile in the divertor region for the visible light imaging diagnostic on Experimental Advanced Superconducting Tokamak. Fusion Engineering and Design, 2021, 163, 112149.	1.9	4
20	Experimental observation of the localized coupling between geodesic acoustic mode and magnetic islands in tokamak plasmas. Nuclear Fusion, 2021, 61, 036034.	3.5	10
21	Overview of the ICRF antenna coupling experiments on EAST. Nuclear Fusion, 2021, 61, 035001.	3.5	11
22	The impact of ELM mitigation on tungsten source in the EAST divertor. Nuclear Fusion, 2021, 61, 046046.	3.5	4
23	Integration of full divertor detachment with improved core confinement for tokamak fusion plasmas. Nature Communications, 2021, 12, 1365.	12.8	50
24	Design of EAST lower divertor by considering target erosion and tungsten ion transport during the external impurity seeding. Nuclear Fusion, 2021, 61, 066004.	3.5	17
25	Advances in physics understanding of high poloidal beta regime toward steady-state operation of CFETR. Physics of Plasmas, 2021, 28, .	1.9	14
26	Comparison of divertor behavior and plasma confinement between argon and neon seeding in EAST. Nuclear Fusion, 2021, 61, 066013.	3.5	23
27	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
28	Impact of divertor closure on edge plasma behavior in EAST H-mode plasmas. Plasma Physics and Controlled Fusion, 2021, 63, 065004.	2.1	4
29	Type-I ELM mitigation by continuous lithium granule gravitational injection into the upper tungsten divertor in EAST. Nuclear Fusion, 2021, 61, 066022.	3.5	4
30	Observation of fully detached divertor integrated with improved core confinement for tokamak fusion plasmas. Physics of Plasmas, 2021, 28, .	1.9	9
31	Experimental study of the influence of gas puff locations on H-mode boundary plasmas with argon seeding on EAST. Plasma Physics and Controlled Fusion, 2021, 63, 085001.	2.1	4
32	Error analysis and calibration of Langmuir probes embedded in ITER-like tungsten divertor on EAST. Nuclear Materials and Energy, 2021, 27, 100996.	1.3	5
33	Comparison of natural grassy ELM behavior in favorable/unfavorable B_t in EAST. Plasma Science and Technology, 2021, 23, 095105.	1.5	3
34	Characteristics of double-peaked particle deposition at divertor target plates in the EAST tokamak. Nuclear Fusion, 2021, 61, 096004.	3.5	6
35	Enhancement of edge turbulence concomitant with ELM suppression during boron powder injection in EAST. Physics of Plasmas, 2021, 28, 082512.	1.9	4
36	Design of quasi-axisymmetric stellarators with variable-thickness perpendicular permanent magnets based on a two-step magnet design strategy. Nuclear Fusion, 2021, 61, 106028.	3.5	7

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37	Investigation of annular/central collapse events triggered by the double tearing modes in EAST. Nuclear Fusion, 2021, 61, 106008.	3.5	6
38	Tungsten control in type-I ELMy H-mode plasmas on EAST. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	4
39	Effects of radial transport on divertor power and particle flux widths under different operational regimes in EAST. Nuclear Fusion, 2021, 61, 106015.	3.5	8
40	Grassy ELM regime at low pedestal collisionality in high-power tokamak plasma. Nuclear Fusion, 2021, 61, 016032.	3.5	13
41	Suppression of edge localized modes with real-time boron injection using the tungsten divertor in EAST. Nuclear Fusion, 2021, 61, 014002.	3.5	33
42	A simple replacement of tungsten filament hot cathodes by DC heated LaB6 rod and its noise characteristics with laser-induced fluorescence. Review of Scientific Instruments, 2021, 92, 123503.	1.3	3
43	On the role of the hydrogen concentration in the L-H transition power threshold in EAST. Nuclear Fusion, 2021, 61, 016010.	3.5	5
44	Observation of direct power deposition of ICRF in EAST plasma boundary. Radiation Effects and Defects in Solids, 2021, 176, 1076-1091.	1.2	1
45	A non-axisymmetric $E \times B$ shear inducing toroidally localized turbulence with an applied magnetic perturbation field in EAST. Nuclear Fusion, 2020, 60, 016020.	3.5	8
46	Edge Toroidal Rotation Analysis by CXRS Diagnostic on EAST. Fusion Science and Technology, 2020, 76, 723-730.	1.1	1
47	Statistical characteristics of the SOL turbulence in the first divertor plasma operation of W7-X using a reciprocating probe. Physics of Plasmas, 2020, 27, 122504.	1.9	2
48	Diamond-Coated Plasma Probes for Hot and Hazardous Plasmas. Materials, 2020, 13, 4524.	2.9	2
49	Stationary high-performance grassy ELM regime in EAST. Nuclear Fusion, 2020, 60, 076012.	3.5	21
50	First Evidence of Local $E \times B$ Drift in the Divertor Influencing the Structure and Stability of Confined Plasma near the Edge of Fusion Devices. Physical Review Letters, 2020, 124, 195002.	7.8	20
51	Divertor impurity seeding with a new feedback control scheme for maintaining good core confinement in grassy-ELM H-mode regime with tungsten monoblock divertor in EAST. Nuclear Fusion, 2020, 60, 086001.	3.5	37
52	Automated electron temperature fitting of Langmuir probe $I \sim V$ trace in plasmas with multiple Maxwellian EEDFs. Plasma Science and Technology, 2020, 22, 085404.	1.5	8
53	Simulations of Ar seeding by SOLPS-ITER for a slot-type divertor concept. Physics of Plasmas, 2020, 27, 062509.	1.9	10
54	Edge turbulence characteristics and transport during the ELM mitigation with $n=1$ resonant magnetic perturbation on EAST. Nuclear Fusion, 2020, 60, 082001.	3.5	6

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55	Investigation of multifaceted asymmetric radiation from the edge (MARFE) with impurity injection from the upper divertor on the Experimental Advanced Superconducting Tokamak. Plasma Physics and Controlled Fusion, 2020, 62, 075005.	2.1	7
56	Experimental study of detachment density threshold in L-mode plasmas on EAST. Plasma Physics and Controlled Fusion, 2020, 62, 065008.	2.1	16
57	Divertor detachment with neon seeding in grassy-ELM H-mode in EAST. Plasma Physics and Controlled Fusion, 2020, 62, 095025.	2.1	10
58	Modeling the effect of divertor closure on plasma detachment for new divertor design of EAST by SOLPS. Plasma Physics and Controlled Fusion, 2019, 61, 095007.	2.1	7
59	Comparison of measurements with different types of divertor Langmuir probe in EAST tokamak. Journal of Instrumentation, 2019, 14, P06028-P06028.	1.2	4
60	Divertor detachment and asymmetry in H-mode operation with an ITER-like tungsten divertor in EAST. Nuclear Fusion, 2019, 59, 126046.	3.5	26
61	An experimental investigation of blob behaviors in lower hybrid wave dominant heating scenarios on EAST. Physics of Plasmas, 2019, 26, 072305.	1.9	5
62	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
63	Experimental study on low recycling no-ELM high confinement mode in EAST. Nuclear Fusion, 2019, 59, 086044.	3.5	8
64	Promising High-Confinement Regime for Steady-State Fusion. Physical Review Letters, 2019, 122, 255001.	7.8	43
65	Characteristics of off-axis sawteeth with an internal transport barrier in EAST. Nuclear Fusion, 2019, 59, 084005.	3.5	8
66	Optimization of pumping performance in the EAST upgraded divertor. Plasma Physics and Controlled Fusion, 2019, 61, 065001.	2.1	5
67	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
68	Measurement of edge electron density profile with lithium beam emission spectroscopy (Li-BES) diagnostic on the experimental advanced superconducting tokamak (EAST). Fusion Engineering and Design, 2019, 144, 133-140.	1.9	7
69	Study of power width scaling in scrape-off layer with 2D electrostatic turbulence code based on EAST L-mode discharges. Physics of Plasmas, 2019, 26, 042509.	1.9	6
70	Advances in plasma-wall interaction control for H-mode operation over 100% with ITER-like tungsten divertor on EAST. Nuclear Fusion, 2019, 59, 086036.	3.5	35
71	The effects of magnetic topology on the scrape-off layer turbulence transport in the first divertor plasma operation of Wendelstein 7-X using a new combined probe. Nuclear Fusion, 2019, 59, 066001.	3.5	9
72	Recent advances in EAST physics experiments in support of steady-state operation for ITER and CFETR. Nuclear Fusion, 2019, 59, 112003.	3.5	93

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73	Experimental observation of coexisting electromagnetic fluctuations correlating with the inter-ELM pedestal evolution on EAST. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	11
74	Statistical study of particle flux footprint widths with tungsten divertor in EAST. <i>Plasma Physics and Controlled Fusion</i> , 2019, 61, 045001.	2.1	12
75	Stability analysis of ELMs in long-pulse discharges with ELITE code on EAST tokamak. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 055002.	2.1	5
76	Small amplitude oscillations before the L-H transition in EAST. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 035012.	2.1	7
77	Analysis of performance degradation in an electron heating dominant H-mode plasma after ECRH termination in EAST. <i>Nuclear Fusion</i> , 2018, 58, 066011.	3.5	18
78	Experimental study on the magnetic coherent mode in the H-mode pedestal of EAST. <i>Nuclear Fusion</i> , 2018, 58, 112004.	3.5	19
79	Upgrade Design of Lower Divertor Langmuir Probe Diagnostic System in the EAST Tokamak. <i>IEEE Transactions on Plasma Science</i> , 2018, 46, 1331-1337.	1.3	16
80	Investigation of impurity confinement in lower hybrid wave heated plasma on EAST tokamak. <i>Nuclear Fusion</i> , 2018, 58, 016001.	3.5	7
81	Power Modulation System and Experiments of Lower Hybrid Wave on EAST. <i>IEEE Access</i> , 2018, 6, 37413-37417.	4.2	3
82	Upgrade of the multi-energy soft x-ray diagnostic system for studies of ELM dynamics in the EAST tokamak. <i>Fusion Engineering and Design</i> , 2018, 137, 414-419.	1.9	1
83	Design of Langmuir probe diagnostic system for the upgraded lower tungsten divertor in EAST tokamak. <i>Review of Scientific Instruments</i> , 2018, 89, 10J127.	1.3	2
84	A new model of the Lâ€“H transition and H-mode power threshold. <i>Plasma Science and Technology</i> , 2018, 20, 094003.	1.5	1
85	Observation of tungsten impurities induced 2/1 snake fluctuations and their interactions with discrete double BAE pairs on EAST. <i>Nuclear Fusion</i> , 2018, 58, 124004.	3.5	5
86	Edge toroidal charge exchange spectra analysis in the EAST. <i>Review of Scientific Instruments</i> , 2018, 89, 10D103.	1.3	1
87	Effect of $\hat{\nu} \times i > B$ drift on the H-mode power threshold in upper single null plasmas with ITER-like tungsten divertor on EAST. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	13
88	Geometry and Physics Design of Lower Divertor Upgrade in EAST. <i>IEEE Transactions on Plasma Science</i> , 2018, 46, 1412-1416.	1.3	17
89	Experimental study of heating scheme effect on the inner divertor power footprint widths in EAST lower single null discharges. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 045001.	2.1	14
90	Combined Langmuir-magnetic probe measurements of type-I ELMy filaments in the EAST tokamak. <i>Plasma Science and Technology</i> , 2018, 20, 065101.	1.5	2

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91	Hot spots induced by LHCD in the shadow of antenna limiters in the EAST tokamak. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	14
92	Understanding H transition in tokamak fusion plasmas. <i>Plasma Science and Technology</i> , 2017, 19, 033001.	1.5	9
93	Visible imaging measurement of position and displacement of the last closed flux surface in EAST tokamak. <i>Fusion Engineering and Design</i> , 2017, 119, 42-50.	1.9	4
94	Realization of minute-long steady-state H-mode discharges on EAST. <i>Plasma Science and Technology</i> , 2017, 19, 032001.	1.5	46
95	Advances in the high bootstrap fraction regime on DIII-D towards the Q=5 mission of ITER steady state. <i>Nuclear Fusion</i> , 2017, 57, 056008.	3.5	20
96	Effort of lower hybrid current drive experiments toward to H-mode in EAST. <i>Nuclear Fusion</i> , 2017, 57, 022022.	3.5	12
97	Analysis of electron temperature, impurity transport and MHD activity with multi-energy soft x-ray diagnostic in EAST tokamak. <i>Plasma Science and Technology</i> , 2017, 19, 125101.	1.5	3
98	The observation of field-aligned current during type-III ELM in EAST. <i>Radiation Effects and Defects in Solids</i> , 2017, 172, 555-566.	1.2	0
99	Investigation of energy transport in DIII-D High- β_p EAST-demonstration discharges with the TGLF turbulent and NEO neoclassical transport models. <i>Nuclear Fusion</i> , 2017, 57, 036018.	3.5	23
100	A stationary long-pulse ELM-absent H-mode regime in EAST. <i>Nuclear Fusion</i> , 2017, 57, 086041.	3.5	22
101	Numerical simulations of blobs with ion dynamics. <i>Plasma Physics and Controlled Fusion</i> , 2017, 59, 025012.	2.1	35
102	Overview of EAST experiments on the development of high-performance steady-state scenario. <i>Nuclear Fusion</i> , 2017, 57, 102019.	3.5	102
103	Scenario development for high- β_p low torque plasma with q_{min} above 2 and large-radius internal transport barrier in DIII-D. <i>Nuclear Fusion</i> , 2017, 57, 022016.	3.5	15
104	Evidence and modeling of 3D divertor footprint induced by lower hybrid waves on EAST with tungsten divertor operations. <i>Nuclear Fusion</i> , 2017, 57, 126054.	3.5	14
105	Flow shear drive of the linear low- n modes of EHO in the QH-mode regime. <i>Nuclear Fusion</i> , 2017, 57, 086047.	3.5	4
106	Preliminary study of divertor particle exhaust in the EAST superconducting tokamak. <i>Plasma Science and Technology</i> , 2017, 19, 095101.	1.5	8
107	Modeling of advanced divertor configuration on experimental advanced superconducting tokamak by SOLPS5.0/B2.5-Eirene. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	4
108	Status of neutron diagnostics on the experimental advanced superconducting tokamak. <i>Review of Scientific Instruments</i> , 2016, 87, 11D820.	1.3	22

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109	Progress toward steady-state tokamak operation exploiting the high bootstrap current fraction regime. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	33
110	Upgrade of Langmuir probe diagnostic in ITER-like tungsten mono-block divertor on experimental advanced superconducting tokamak. <i>Review of Scientific Instruments</i> , 2016, 87, 083504.	1.3	80
111	Turbulence induced radial transport of toroidal momentum in boundary plasma of EAST tokamak. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	1
112	Integrated Operating Scenario to Achieve 100-Second, High Electron Temperature Discharge on EAST. <i>Plasma Science and Technology</i> , 2016, 18, 457-459.	1.5	32
113	Low-to-High Confinement Transition Mediated by Turbulence Radial Wave Number Spectral Shift in a Fusion Plasma. <i>Physical Review Letters</i> , 2016, 116, 095002.	7.8	16
114	Study on the L \rightarrow H transition power threshold with RF heating and lithium-wall coating on EAST. <i>Nuclear Fusion</i> , 2016, 56, 056013.	3.5	19
115	Retarding field analyzer for the EAST plasma boundary. <i>Review of Scientific Instruments</i> , 2016, 87, 123503.	1.3	11
116	L \rightarrow H power threshold studies with tungsten/carbon divertor on the EAST tokamak. <i>Radiation Effects and Defects in Solids</i> , 2016, 171, 359-373.	1.2	0
117	Numerical modeling of the transition from low to high confinement in magnetically confined plasma. <i>Plasma Physics and Controlled Fusion</i> , 2016, 58, 014031.	2.1	38
118	Edge multi-energy soft x-ray diagnostic in Experimental Advanced Superconducting Tokamak. <i>Review of Scientific Instruments</i> , 2015, 86, 123512.	1.3	12
119	First measurements of Hiro currents in vertical displacement event in tokamaks. <i>Physics of Plasmas</i> , 2015, 22, 060702.	1.9	6
120	Innovative divertor concept development on DIII-D and EAST. , 2015, , .		0
121	Impact of E \rightarrow B flow shear on turbulence and resulting power fall-off width in H-mode plasmas in experimental advanced superconducting tokamak. <i>Physics of Plasmas</i> , 2015, 22, 062504.	1.9	4
122	New Steady-State Quiescent High-Confinement Plasma in an Experimental Advanced Superconducting Tokamak. <i>Physical Review Letters</i> , 2015, 114, 055001.	7.8	93
123	Observations of the effect of lower hybrid waves on ELM behaviour in EAST. <i>Nuclear Fusion</i> , 2015, 55, 033012.	3.5	11
124	One-dimensional modelling of limit-cycle oscillation and H-mode power scaling. <i>Nuclear Fusion</i> , 2015, 55, 053029.	3.5	12
125	Fast electron flux driven by lower hybrid wave in the scrape-off layer. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	21
126	Active control of divertor heat and particle fluxes in EAST towards advanced steady state operations. <i>Journal of Nuclear Materials</i> , 2015, 463, 99-103.	2.7	5

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127	Simulation of transition dynamics to high confinement in fusion plasmas. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 3097-3101.	2.1	39
128	Advances in H-mode physics for long-pulse operation on EAST. Nuclear Fusion, 2015, 55, 104015.	3.5	101
129	Effects of heating power on divertor in-out asymmetry and scrape-off layer flow in reversed field on Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2014, 21, 122514.	1.9	5
130	Investigation on LHW-plasma coupling in H-mode plasma in EAST. , 2014, , .		2
131	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
132	Langmuir-magnetic probe measurements of ELMs and dithering cycles in the EAST tokamak. Plasma Physics and Controlled Fusion, 2014, 56, 095023.	2.1	10
133	Enhanced-recycling H-mode regimes with edge coherent modes achieved by RF heating with lithium-wall conditioning in the EAST superconducting tokamak. Nuclear Fusion, 2014, 54, 124001.	3.5	10
134	Edge-coherent-mode nature of the small edge localized modes in Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2014, 21, 092511.	1.9	18
135	Dynamics of L ^H transition and I-phase in EAST. Nuclear Fusion, 2014, 54, 103002.	3.5	33
136	Scaling of divertor power footprint width in RF-heated type-III ELMy H-mode on the EAST superconducting tokamak. Nuclear Fusion, 2014, 54, 114002.	3.5	36
137	Observation of a quasi-coherent high-frequency electromagnetic mode at the pedestal region in EAST RF-dominant H-modes. Nuclear Fusion, 2014, 54, 043014.	3.5	12
138	Recent advances in long-pulse high-confinement plasma operations in Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2014, 21, 056107.	1.9	25
139	Study of the L ^H transition with a new dual gas puff imaging system in the EAST superconducting tokamak. Nuclear Fusion, 2014, 54, 013007.	3.5	15
140	New Edge Coherent Mode Providing Continuous Transport in Long-Pulse H-mode Plasmas. Physical Review Letters, 2014, 112, 185004.	7.8	93
141	Physics Design of CFETR: Determination of the Device Engineering Parameters. IEEE Transactions on Plasma Science, 2014, 42, 495-502.	1.3	141
142	Influence of helium puff on divertor asymmetry in Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2014, 21, 022509.	1.9	9
143	Approaches towards long-pulse divertor operations on EAST by active control of plasma-wall interactions. Nuclear Fusion, 2014, 54, 013002.	3.5	54
144	A long-pulse high-confinement plasma regime in the Experimental Advanced Superconducting Tokamak. Nature Physics, 2013, 9, 817-821.	16.7	234

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145	Turbulent-driven low-frequency sheared E \times B-flows as the trigger for the H-mode transition. Nuclear Fusion, 2013, 53, 073053.	3.5	101
146	Spatio-temporal evolution of the L \rightarrow H and H \rightarrow L transitions. Nuclear Fusion, 2013, 53, 073044.	3.5	25
147	Effect of magnetic geometry on divertor asymmetry and access to high confinement mode in EAST. Journal of Nuclear Materials, 2013, 438, S280-S284.	2.7	11
148	Simultaneous ion temperature and flow measurements using a retarding field analyzer in the HL-2A tokamak. Radiation Effects and Defects in Solids, 2013, 168, 776-788.	1.2	6
149	Observation of nonlinear couplings between coexisting kinetic geodesic acoustic modes in the edge plasmas of the HT-7 tokamak. Nuclear Fusion, 2013, 53, 113008.	3.5	18
150	Reciprocating Probe Measurements of L-H Transition in LHCD H-Mode on EAST. Plasma Science and Technology, 2013, 15, 619-622.	1.5	5
151	Bifurcation analysis and dimension reduction of a predator-prey model for the L-H transition. Physics of Plasmas, 2013, 20, 102302.	1.9	15
152	Effect of gas puffing from different side on lower hybrid wave-plasma coupling in experimental advanced superconductive tokamak. Physics of Plasmas, 2013, 20, 102504.	1.9	8
153	Progress of long pulse and H-mode experiments in EAST. Nuclear Fusion, 2013, 53, 104006.	3.5	100
154	Velocimetry of edge turbulence during the dithering L \rightarrow H transition with dynamic programming based time-delay estimation technique in the EAST superconducting tokamak. Plasma Physics and Controlled Fusion, 2013, 55, 105006.	2.1	9
155	Magnetic Topology Changes Induced by Lower Hybrid Waves and their Profound Effect on Edge-Localized Modes in the EAST Tokamak. Physical Review Letters, 2013, 110, 235002.	7.8	112
156	Effects of edge-localized mode-induced neoclassical toroidal viscosity torque on the toroidal intrinsic rotation in the EAST tokamak. Radiation Effects and Defects in Solids, 2013, 168, 873-880.	1.2	1
157	Statistical characterization of turbulence in the boundary plasma of EAST. Plasma Physics and Controlled Fusion, 2013, 55, 115007.	2.1	24
158	Characterizations of power loads on divertor targets for type-I, compound and small ELMs in the EAST superconducting tokamak. Nuclear Fusion, 2013, 53, 073028.	3.5	51
159	Recent Progress on EAST. Fusion Science and Technology, 2013, 64, 417-423.	1.1	13
160	Divertor asymmetry and scrape-off layer flow in various divertor configurations in Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2012, 19, .	1.9	22
161	First observation of a new zonal-flow cycle state in the H-mode transport barrier of the experimental advanced superconducting Tokamak. Physics of Plasmas, 2012, 19, 122502.	1.9	14
162	Zonal flow triggers the L-H transition in the Experimental Advanced Superconducting Tokamak. Physics of Plasmas, 2012, 19, 072311.	1.9	83

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163	Spatio-temporal evolution of the $L \rightarrow H$ transition. Physics of Plasmas, 2012, 19, .	1.9	117
164	New dual gas puff imaging system with up-down symmetry on experimental advanced superconducting tokamak. Review of Scientific Instruments, 2012, 83, 123506.	1.3	24
165	Observation of a new turbulence-driven limit-cycle state in H-modes with lower hybrid current drive and lithium-wall conditioning in the EAST superconducting tokamak. Nuclear Fusion, 2012, 52, 123011.	3.5	17
166	Characteristics of edge-localized modes in the experimental advanced superconducting tokamak (EAST). Plasma Physics and Controlled Fusion, 2012, 54, 095003.	2.1	12
167	Features of the repetition frequency of edge localized modes in EAST. Radiation Effects and Defects in Solids, 2012, 167, 743-751.	1.2	0
168	On physical interpretation of two dimensional time-correlations regarding time delay velocities and eddy shaping. Physics of Plasmas, 2012, 19, .	1.9	24
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