

# Hailin Zhao

## List of Publications by Year in descending order

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20  
papers

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citations

1163117

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1058476

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times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Preliminary Commissioning Results of a Long Pulse 140 GHz ECRH System on EAST Tokamak (Invited). <i>Plasma Science and Technology</i> , 2016, 18, 442-448.	1.5	44
2	Lower hybrid current drive experiments with different launched wave frequencies in the EAST tokamak. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	35
3	Overview of the electron cyclotron emission measurements on EAST. <i>Fusion Engineering and Design</i> , 2018, 136, 72-75.	1.9	22
4	A Michelson Interferometer for Electron Cyclotron Emission Measurements on EAST. <i>Plasma Science and Technology</i> , 2016, 18, 1148-1154.	1.5	17
5	Absolute intensity calibration of the 32-channel heterodyne radiometer on experimental advanced superconducting tokamak. <i>Review of Scientific Instruments</i> , 2014, 85, 093508.	1.3	16
6	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
7	Results from a new flowing liquid Li limiter with TZM substrate during high confinement plasmas in the EAST device. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	10
8	Synthetic Diagnostic for Interpreting the ECE Spectrum on EAST. <i>Fusion Science and Technology</i> , 2018, 74, 154-160.	1.1	8
9	A multi-channel correlation ECE system for electron temperature fluctuation measurement on EAST tokamak. <i>Fusion Engineering and Design</i> , 2019, 149, 111336.	1.9	6
10	Coherent modes and turbulences observations with multi-channel Doppler reflectometer on experimental advanced superconducting tokamak. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	6
11	Deuterium pellet fueling in type-III ELMy H-mode plasmas on EAST superconducting tokamak. <i>Fusion Engineering and Design</i> , 2019, 145, 79-86.	1.9	5
12	Fast modulating electron cyclotron emission (FMECE) diagnostic for tokamaks. <i>Review of Scientific Instruments</i> , 2021, 92, 033510.	1.3	4
13	Enhancement of edge turbulence concomitant with ELM suppression during boron powder injection in EAST. <i>Physics of Plasmas</i> , 2021, 28, 082512.	1.9	4
14	Quasi-optical design for systems to diagnose the electron temperature and density fluctuations on EAST. <i>Review of Scientific Instruments</i> , 2016, 87, 11E116.	1.3	3
15	Upgrade of the ECE diagnostic on EAST. <i>Review of Scientific Instruments</i> , 2018, 89, 10H111.	1.3	3
16	MARFE movement and density fluctuations after deuterium pellet injections in H-mode plasmas on EAST tokamak. <i>Plasma Physics and Controlled Fusion</i> , 2022, 64, 055010.	2.1	3
17	Observation of synergy between lower hybrid waves at two frequencies in EAST. <i>Physics of Plasmas</i> , 2021, 28, 072506.	1.9	2
18	Experimental investigation of electromagnetic GAMs under the influence of 3D magnetic topological structure in EAST. <i>Plasma Physics and Controlled Fusion</i> , 2022, 64, 054007.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Influence of neutral beam attenuation on beam emission spectroscopy and charge exchange recombination spectroscopy. Review of Scientific Instruments, 2018, 89, 073503.	1.3	0
20	Electron temperature fluctuations correlated with energy confinement degradation in the EAST Ohmic plasmas. Physics of Plasmas, 2021, 28, 072508.	1.9	0