Guo-Zhang Jia

List of Publications by Year
in descending order

23	169	1478505 6	1199594 12
papers	citations	h-index	g-index

23	23	23	123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physics designÂof new lower tungsten divertor for long-pulse high-power operations in EAST. Nuclear Fusion, 2021, 61, 126070.	3.5	40
2	Simulation studies of divertor power exhaust with neon seeding for CFETR with GW-level fusion power. Physics of Plasmas, 2020, 27, .	1.9	19
3	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
4	Grassy ELM regime at low pedestal collisionality in high-power tokamak plasma. Nuclear Fusion, 2021, 61, 016032.	3.5	13
5	Simulations of Ar seeding by SOLPS-ITER for a slot-type divertor concept. Physics of Plasmas, 2020, 27, 062509.	1.9	10
6	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
7	Simulation of tungsten target erosion and tungsten impurity transport during argon seeding on EAST. Plasma Physics and Controlled Fusion, 2021, 63, 085002.	2.1	8
8	Role of E Ã— B drift in double-peak density distribution for the new lower tungsten divertor with unfavorable B _t on EAST. Nuclear Fusion, 2022, 62, 056005.	3.5	8
9	Recent Progress in Modeling of CFETR Plasma Profiles from Core to Edge. Journal of Fusion Energy, 2021, 40, 1.	1.2	6
10	Characteristics of double-peaked particle deposition at divertor target plates in the EAST tokamak. Nuclear Fusion, 2021, 61, 096004.	3.5	6
11	SOLPS-ITER simulations of high power exhaust for CFETR divertor with full drifts. Nuclear Fusion, 2022, 62, 026031.	3.5	6
12	Interactions of electrons with two lower hybrid waves. Physics of Plasmas, 2016, 23, 092114.	1.9	5
13	The development of a three-dimensional finite element method code for the heat flux analysis of tungsten monoblock divertor on EAST. Fusion Engineering and Design, 2020, 152, 111448.	1.9	5
14	Impact of divertor closure on edge plasma behavior in EAST H-mode plasmas. Plasma Physics and Controlled Fusion, 2021, 63, 065004.	2.1	4
15	One dimensional full wave analysis of slow-to-fast mode conversion in lower hybrid frequencies. Physics of Plasmas, 2014, 21, 122121.	1.9	3
16	Particle simulations of mode conversion between slow mode and fast mode in lower hybrid range of frequencies. Physics of Plasmas, 2016, 23, .	1.9	3
17	Investigation of the double peak in the visible-light range of radiative divertor emission profiles on the EAST tokamak. Plasma Physics and Controlled Fusion, 2021, 63, 125006.	2.1	3
18	<scp>Influence</scp> of the drifts on the doubleâ€peaked emission profile of the visible light in the upper divertor region of <scp>EAST</scp>. Contributions To Plasma Physics, 2022, 62, .	1.1	3

#	Article	IF	Citations
19	Effect of electron flow on the ordinary-extraordinary mode conversion. Physics of Plasmas, 2011, 18, .	1.9	1
20	The effects of oblique incidences on the XB mode conversion in the electron cyclotron range of frequency. Physics of Plasmas, 2017, 24, .	1.9	1
21	Effects of electron temperature and electron flow on O-X conversion. Physics of Plasmas, 2013, 20, 102509.	1.9	0
22	One-dimensional ordinaryâ€“slow extraordinaryâ€“Bernstein mode conversion in the electron cyclotron range of frequencies. Plasma Science and Technology, 2017, 19, 085101.	1.5	0
23	Parametric decay instabilities of lower hybrid wave current drive on CFETR. AIP Conference Proceedings, 2020, , .	0.4	0