

Lingyi Meng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Physics design of new lower tungsten divertor for long-pulse high-power operations in EAST. Nuclear Fusion, 2021, 61, 126070.	3.5	40
2	Comparison of divertor behavior and plasma confinement between argon and neon seeding in EAST. Nuclear Fusion, 2021, 61, 066013.	3.5	23
3	Divertor detachment with neon seeding in grassy-ELM H-mode in EAST. Plasma Physics and Controlled Fusion, 2020, 62, 095025.	2.1	10
4	Sustained edge-localized-modes suppression and radiative divertor with an impurity-driven instability in tokamak plasmas. Nuclear Fusion, 2021, 61, 116032.	3.5	9
5	Achievements of actively controlled divertor detachment compatible with sustained high confinement core in DIII-D and EAST. Nuclear Fusion, 2022, 62, 076002.	3.5	9
6	Role of $E \times B$ 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
7	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
8	Divertor plasma behaviors with neon seeding at different locations on EAST with ITER-like divertor. Nuclear Fusion, 2022, 62, 086027.	3.5	6
9	Dependence of upstream SOL density shoulder on divertor neutral pressure observed in L-mode and H-mode plasmas in the EAST superconducting tokamak. Nuclear Fusion, 2021, 61, 076018.	3.5	5
10	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
11	Observation of enhanced pedestal turbulence during ELM mitigation with resonant magnetic perturbation on EAST. AIP Advances, 2021, 11, .	1.3	3
12	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
13	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
14	MARFE movement and density fluctuations after deuterium pellet injections in H-mode plasmas on EAST tokamak. Plasma Physics and Controlled Fusion, 2022, 64, 055010.	2.1	3
15	Divertor detachment operation in helium plasmas with ITER-like tungsten divertor in EAST. Plasma Science and Technology, 2022, 24, 075101.	1.5	1
16	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
17	Impact of coherent mode on divertor particle and heat flux in a type I ELMy H mode plasma on EAST tokamak. Nuclear Fusion, 0, , .	3.5	1