

Zhuo Huang

List of Publications by Year in descending order

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145
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the recent experimental research on the J-TEXT tokamak. Nuclear Fusion, 2019, 59, 112016.	3.5	72
2	Advances in physics and applications of 3D magnetic perturbations on the J-TEXT tokamak. Nuclear Fusion, 2022, 62, 042016.	3.5	28
3	Upgrade of the Mirnov probe arrays on the J-TEXT tokamak. Review of Scientific Instruments, 2017, 88, 123502.	1.3	23
4	Container lifecycle-aware scheduling for serverless computing. Software - Practice and Experience, 2022, 52, 337-352.	3.6	16
5	Disruption prevention using rotating resonant magnetic perturbation on J-TEXT. Nuclear Fusion, 2020, 60, 056022.	3.5	15
6	Influence of resonant magnetic perturbations and induced islands on plasma rotations and turbulence properties in the J-TEXT tokamak. Nuclear Fusion, 2019, 59, 046003.	3.5	13
7	Measurement of the edge ion temperature in W7-X with island divertor by a retarding field analyzer probe. Nuclear Fusion, 2019, 59, 126002.	3.5	11
8	Disentanglement of density and rotation dependences of the field penetration threshold on the J-TEXT tokamak. Nuclear Fusion, 2020, 60, 064003.	3.5	11
9	Development of the saddle loop sensors on the J-TEXT tokamak. AIP Advances, 2017, 7, 105002.	1.3	10
10	Conceptual design of the island divertor coils on the J-TEXT tokamak. Fusion Engineering and Design, 2019, 146, 902-905.	1.9	6
11	Investigation of the eddy current effect on the high frequency response of the Mirnov probe on J-TEXT. Review of Scientific Instruments, 2019, 90, 123506.	1.3	5
12	Power supply for generating frequency-variable resonant magnetic perturbations on the J-TEXT tokamak. Plasma Science and Technology, 2018, 20, 085601.	1.5	4
13	Design of Current-Pulse Power Supply for Tearing Mode Control on the J-TEXT Tokamak. IEEE Transactions on Plasma Science, 2019, 47, 1458-1463.	1.3	2
14	Design and characteristics of a low-frequency magnetic probe for magnetic profile measurements at Wendelstein 7-X. Review of Scientific Instruments, 2020, 91, 073506.	1.3	2
15	Modeling of SOL helical current filaments induced by biased electrode on J-TEXT. Plasma Physics and Controlled Fusion, 2021, 63, 115017.	2.1	2
16	Impact of the non-axisymmetric SOL current driven by a biased electrode on the diverted J-TEXT plasma. Plasma Physics and Controlled Fusion, 2022, 64, 075005.	2.1	2
17	Effect of magnetic geometry on the energy partition between ions and electrons in the scrape-off layer of magnetic fusion devices. Nuclear Fusion, 2022, 62, 094002.	3.5	2
18	Compensation of the pick-up fluxes on the plasma position control system when resonant magnetic perturbations are applied in J-TEXT. Review of Scientific Instruments, 2018, 89, 10J125.	1.3	1