

Peiyun Shi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

161
citations

1163117

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1199594

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all docs

19
docs citations

19
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-reversed configuration formed by in-vessel $\langle i \rangle$ -pinch in a tandem mirror device. Review of Scientific Instruments, 2017, 88, 093505.	1.3	16
2	Laboratory Observations of Electron Heating and Non-Maxwellian Distributions at the Kinetic Scale during Electron-Only Magnetic Reconnection. Physical Review Letters, 2022, 128, 025002.	7.8	15
3	A new method to suppress the Rayleigh-Taylor instability in a linear device. Physics of Plasmas, 2019, 26, 042107.	1.9	14
4	Laboratory plasma devices for space physics investigation. Review of Scientific Instruments, 2021, 92, 071101.	1.3	14
5	Incoherent Thomson scattering system for PHase space MApping (PHASMA) experiment. Review of Scientific Instruments, 2021, 92, 033102.	1.3	13
6	Ion cyclotron resonance heating (ICRH) systems for the Keda Mirror with AXisymmetry (KMAX). Review of Scientific Instruments, 2017, 88, 053505.	1.3	12
7	Alfvénic modes excited by the kink instability in PHASMA. Physics of Plasmas, 2021, 28, .	1.9	12
8	Electrode Biasing Experiment in KMAX Tandem Mirror. Fusion Science and Technology, 2015, 68, 50-55.	1.1	11
9	Characterization of a medium-sized washer-gun for an axisymmetric mirror. Review of Scientific Instruments, 2018, 89, 043503.	1.3	9
10	A high voltage pulse generator based on silicon-controlled rectifier for field-reversed configuration experiment. Review of Scientific Instruments, 2017, 88, 083507.	1.3	8
11	Formation of field-reversed configuration using an in-vessel odd-parity rotating magnetic field antenna in a linear device. Review of Scientific Instruments, 2018, 89, 103502.	1.3	8
12	Electron-only reconnection and associated electron heating and acceleration in PHASMA. Physics of Plasmas, 2022, 29, .	1.9	7
13	Experimental observation of kinetic Alfvén wave generated by magnetic reconnection. Plasma Physics and Controlled Fusion, 2019, 61, 125010.	2.1	6
14	On the induced azimuthal electric field in the current drive of an odd-parity rotating magnetic field. Physics of Plasmas, 2019, 26, .	1.9	6
15	Magnetic mirror end-plugged by field-reversed configurations formed via rotating magnetic fields. Physics of Plasmas, 2019, 26, .	1.9	3
16	Translation speed measurements of hydrogen, helium, and argon field-reversed configurations in the central cell of a KMAX mirror device. Plasma Science and Technology, 2019, 21, 085102.	1.5	3
17	Observation of spontaneous decay of Alfvénic fluctuations into co- and counter-propagating magnetosonic waves in a laboratory plasma. Physics of Plasmas, 2019, 26, 032105.	1.9	3
18	Experimental Study of Magnetic Reconnection During the Merging Process of Two Colliding Field Reversed Configurations. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	First Results from the Phase Space Mapping Experiment. , 2021, , .		0