Peiyun Shi

List of Publications by Year
in descending order

19	161	1163117 8	1199594 12
papers	citations	h-index	g-index

19	19	19	102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Electron-only reconnection and associated electron heating and acceleration in PHASMA. Physics of Plasmas, 2022, 29, .	1.9	7
3	Incoherent Thomson scattering system for PHAse space MApping (PHASMA) experiment. Review of Scientific Instruments, 2021, 92, 033102.	1.3	13
4	AlfvÃ©nic modes excited by the kink instability in PHASMA. Physics of Plasmas, 2021, 28, .	1.9	12
5	Laboratory plasma devices for space physics investigation. Review of Scientific Instruments, 2021, 92, 071101.	1.3	14
6	First Results from the Phase Space Mapping Experiment. , 2021, , .		0
7	Experimental observation of kinetic AlfvÃ©n wave generated by magnetic reconnection. Plasma Physics and Controlled Fusion, 2019, 61, 125010.	2.1	6
8	Magnetic mirror end-plugged by field-reversed configurations formed via rotating magnetic fields. Physics of Plasmas, 2019, 26, .	1.9	3
9	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
10	A new method to suppress the Rayleighâ€“Taylor instability in a linear device. Physics of Plasmas, 2019, 26, 042107.	1.9	14
11	Observation of spontaneous decay of AlfvÃ©nic fluctuations into co- and counter-propagating magnetosonic waves in a laboratory plasma. Physics of Plasmas, 2019, 26, 032105.	1.9	3
12	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
13	Experimental Study of Magnetic Reconnection During the Merging Process of Two Colliding Field Reversed Configurations. , 2019, , .		1
14	Characterization of a medium-sized washer-gun for an axisymmetric mirror. Review of Scientific Instruments, 2018, 89, 043503.	1.3	9
15	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
16	Field-reversed configuration formed by in-vessel Î¸-pinch in a tandem mirror device. Review of Scientific Instruments, 2017, 88, 093505.	1.3	16
17	Ion cyclotron resonance heating (ICRH) systems for the Keda Mirror with AXisymmetry (KMAX). Review of Scientific Instruments, 2017, 88, 053505.	1.3	12
18	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

#	Article	IF	Citations
19	Electrode Biasing Experiment in KMAX Tandem Mirror. Fusion Science and Technology, 2015, 68, 50-55.	1.1	11