

Yi Tan

List of Publications by Year in descending order

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15
papers

67
citations

1684188
5
h-index

1588992
8
g-index

15
all docs

15
docs citations

15
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-frequency analysis of non-stationary fusion plasma signals using an improved Hilbert-Huang transform. Review of Scientific Instruments, 2014, 85, 073502.	1.3	11
2	Observation of toroidal Alfvén eigenmodes during minor disruptions in ohmic plasmas. Physics of Plasmas, 2016, 23, .	1.9	9
3	Design and calibration of high-frequency magnetic probes for the SUNIST spherical tokamak. Review of Scientific Instruments, 2014, 85, 11E802.	1.3	8
4	Evidence of $E \times B$ staircase in HL-2A L-mode tokamak discharges. Physics of Plasmas, 2021, 28, .	1.9	8
5	An ultrafast reciprocating probe. Review of Scientific Instruments, 2016, 87, 11D437.	1.3	6
6	Experimental measurements of energy transfer and nonlinear interaction in turbulence at the sino-united spherical tokamak. Physics of Plasmas, 2017, 24, 032503.	1.9	5
7	Implementation and data processing of a five-channel microwave interferometer with high temporal resolution and low noise on Sino-UNited Spherical Tokamak. Review of Scientific Instruments, 2021, 92, 043538.	1.3	5
8	Development of a thin high-frequency and high-precision magnetic probe array in Sino-United Spherical Tokamak. Review of Scientific Instruments, 2021, 92, 053518.	1.3	4
9	Movable multi-probes for plasma boundary measurement in sino-united spherical tokamak. Review of Scientific Instruments, 2014, 85, 11D804.	1.3	3
10	Modular bolometric/soft x-ray diagnostic in Sino-UNited Spherical Tokamak. Review of Scientific Instruments, 2021, 92, 043540.	1.3	3
11	Radiation diagnostics for plasma current ramp-up and ramp-down research. Review of Scientific Instruments, 2018, 89, 10D128.	1.3	2
12	Compact, battery powered, wireless digitizers for in situ data acquisitions in the sino-united spherical tokamak. Review of Scientific Instruments, 2015, 86, 073504.	1.3	1
13	A low noise power supply based on buck converter for current regulation in an inductive load. Review of Scientific Instruments, 2018, 89, 10K115.	1.3	1
14	SIMULATION AND MEASUREMENT OF EXTERNAL ELECTROMAGNETIC ENVIRONMENT OF TOKAMAK DEVICE. Radiation Protection Dosimetry, 2021, 194, 187-195.	0.8	1
15	Development of a triple probe array for mode conversion study of electron cyclotron wave. Review of Scientific Instruments, 2018, 89, 10J121.	1.3	0