

Yi Tan

List of Publications by Year in descending order

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15
papers

67
citations

1684188
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1588992
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15
times ranked

106
citing authors

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