

Takaaki Fujita

List of Publications by Year in descending order

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papers

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1478505

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1588992

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22
all docs

22
docs citations

22
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Status of Large Helical Device and Its Prospect for Deuterium Experiment. Fusion Science and Technology, 0, , 1-12.	1.1	36
2	Development of operation scenarios for plasma breakdown and current ramp-up phases in JT-60SA tokamak. Fusion Engineering and Design, 2015, 100, 345-356.	1.9	18
3	Magnetic Field Measurements Using a Multichannel Magnetic Probe in TOKASTAR-2. Plasma and Fusion Research, 2015, 10, 3402065-3402065.	0.7	10
4	Measurement of Tokamak Plasma with the External Helical Field Using a High-Speed Camera in TOKASTAR-2. Plasma and Fusion Research, 2016, 11, 2402074-2402074.	0.7	9
5	Estimation of Tokamak Plasma Position and Shape in TOKASTAR-2 Using Magnetic Field Measurement. Plasma and Fusion Research, 2018, 13, 3402072-3402072.	0.7	9
6	Optimization of Tokamak Plasma Equilibrium Control in TOKASTAR-2. Plasma and Fusion Research, 2014, 9, 3402059-3402059.	0.7	7
7	Magnetic Field Configuration Dependence of Plasma Production and Parallel Transport in a Linear Plasma Device NUMBER. Plasma and Fusion Research, 2018, 13, 3401044-3401044.	0.7	7
8	Study on Stabilization of Vertical Position of Tokamak Plasma with Local Helical Coils in TOKASTAR-2. Plasma and Fusion Research, 2020, 15, 1402083-1402083.	0.7	5
9	Stabilization of plasma vertical position of elongated tokamak using upper and lower triangular coils. Physics of Plasmas, 2021, 28, 082108.	1.9	4
10	Measurement of Plasma Behavior with High Speed Cameras in TOKASTAR-2. Plasma and Fusion Research, 2015, 10, 3402033-3402033.	0.7	3
11	Development of Magnetic Flux Surface Measurement Method on TOKASTAR-2. Plasma and Fusion Research, 2016, 11, 2402110-2402110.	0.7	2
12	Determining the Closed Flux Surface in a Helical Plasma in TOKASTAR-2 with an Electrostatic Probe. Plasma and Fusion Research, 2018, 13, 1402039-1402039.	0.7	2
13	Equilibrium Analysis of Tokamak Plasma Including the Eddy Current Effects in TOKASTAR-2. Plasma and Fusion Research, 2020, 15, 2402047-2402047.	0.7	2
14	Application of He I Line Intensity Ratio Method to Tokamak Plasma in TOKASTAR-2. Plasma and Fusion Research, 2018, 13, 3402047-3402047.	0.7	2
15	Radial Profile Estimation of Electron Density in a Linear Plasma Device NUMBER Using a Single Line-of-Sight Signal. Plasma and Fusion Research, 2021, 16, 2401042-2401042.	0.7	1
16	Extended Range of Stable Radial Position of Tokamak Plasma in TOKASTAR-2. Plasma and Fusion Research, 2018, 13, 1402111-1402111.	0.7	1
17	Development and Evaluation of Ion Energy Analyzer for Energetic Ion Measurement in a Linear Plasma Device NUMBER. Plasma and Fusion Research, 2020, 15, 2401040-2401040.	0.7	1
18	Magnetic Field Dependence of Transition to High Electron Density Phase in a Linear Plasma Device NUMBER. Plasma and Fusion Research, 2020, 15, 2401042-2401042.	0.7	1

#	ARTICLE	IF	CITATIONS
19	High-Speed Analysis of Heating and Current Drive with Neutral Beam Injection in Tokamak Plasma. Plasma and Fusion Research, 2020, 15, 2401071-2401071.	0.7	1
20	Power balance in the smallest tokamak. AIP Advances, 2022, 12, 045204.	1.3	0
21	Edge Transport Barrier Models for Simulating H-Mode Operation Scenarios in DEMO with Integrated Plasma Transport Code TOTAL. Plasma and Fusion Research, 2022, 17, 1403016-1403016.	0.7	0
22	Optimization of Magnetic Field Based on Electron Orbit Measurement in TOKASTAR-2 Helical Plasmas. Plasma and Fusion Research, 2022, 17, 2402071-2402071.	0.7	0