

Mitsutoshi Aramaki

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

167
citations

1684188

5
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a high power supercontinuum source in the 17 μ m wavelength region for highly penetrative ultrahigh-resolution optical coherence tomography. Biomedical Optics Express, 2014, 5, 932.	2.9	86
2	High resolution laser induced fluorescence Doppler velocimetry utilizing saturated absorption spectroscopy. Review of Scientific Instruments, 2009, 80, 053505.	1.3	22
3	Behavior of 23S metastable state He atoms in low-temperature recombining plasmas. Physics of Plasmas, 2017, 24, 073301.	1.9	19
4	Exploration of spontaneous vortex formation and intermittent behavior in ECR plasmas: The HYPER-I experiments. Journal of Plasma Physics, 2015, 81, .	2.1	7
5	Asymmetry of velocity distribution function and inhomogeneity-induced flow associated with neutral depletion structure in an ECR plasma. Physics of Plasmas, 2016, 23, .	1.9	6
6	Modification of laser-induced fluorescence spectrum by additional azimuthal Doppler effect in optical vortex beams. Japanese Journal of Applied Physics, 2020, 59, SHHB04.	1.5	6
7	Parallel Ion Flow Velocity Measurement Using Laser Induced Fluorescence Method in an Electron Cyclotron Resonance Plasma. Plasma and Fusion Research, 2010, 5, S2052-S2052.	0.7	5
8	Observation of Axial Neutral-Gas Flow Reversal in an ECR Plasma. Plasma and Fusion Research, 2019, 14, 1201066-1201066.	0.7	5
9	Measurement of He neutral temperature in detached plasmas using laser absorption spectroscopy. AIP Advances, 2018, 8, .	1.3	4
10	Generation of Micro-Scale Reactive Plasmas and Development of Their New Applications - Present and Future of Research and Development on Microplasmas - 4.Application of Microplasmas. Journal of Plasma and Fusion Research, 2004, 80, 845-853.	0.4	2
11	Vortex Formation in a Plasma Interacting with Neutral Flow. , 2008, , .		2
12	Lamb-Dip Laser-Induced Fluorescence Spectroscopy for Measuring Magnetic Field in a Plasma. Japanese Journal of Applied Physics, 2011, 50, 036101.	1.5	2
13	Optical frequency comb using dispersion managed Er-doped ultrashort pulse fiber laser using carbon nanotube polyimide film. , 2013, , .		1
14	Observation of String Ion Cloud in a Linear RF Trap. , 2009, , .		0
15	Abundance ratio of multiple velocity distribution components in a single negative ion beamlet produced by a cesium-seeded negative ion source. AIP Advances, 2022, 12, .	1.3	0