

Animesh Kuley

List of Publications by Year in descending order

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21
papers

187
citations

1040056

9
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1125743

13
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21
all docs

21
docs citations

21
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric field nonlinearity in very high frequency capacitive discharges at constant electron plasma frequency. <i>Plasma Sources Science and Technology</i> , 2020, 29, 045003.	3.1	27
2	Particle simulation of lower hybrid wave propagation in fusion plasmas. <i>Plasma Physics and Controlled Fusion</i> , 2014, 56, 095020.	2.1	20
3	Verification of nonlinear particle simulation of radio frequency waves in tokamak. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	19
4	Verification of particle simulation of radio frequency waves in fusion plasmas. <i>Physics of Plasmas</i> , 2013, 20, 102515.	1.9	18
5	Plasma asymmetry and electron and ion energy distribution function in capacitive discharges excited by tailored waveforms. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 275202.	2.8	13
6	Driving frequency effect on discharge parameters and higher harmonic generation in capacitive discharges at constant power densities. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 055205.	2.8	12
7	Stabilization of ion temperature gradient driven modes by lower hybrid wave in a tokamak. <i>Physics of Plasmas</i> , 2009, 16, 032504.	1.9	10
8	Electromagnetic particle simulation of the effect of toroidicity on linear mode conversion and absorption of lower hybrid waves. <i>Nuclear Fusion</i> , 2016, 56, 066007.	3.5	9
9	Nonlinear electromagnetic formulation for particle-in-cell simulation of lower hybrid waves in toroidal geometry. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	9
10	Ion energy distribution function in very high frequency capacitive discharges excited by saw-tooth waveform. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	9
11	Method to integrate full particle orbit in toroidal plasmas. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	8
12	Lower hybrid destabilization of trapped electron modes in tokamak and its consequences for anomalous diffusion. <i>Physics of Plasmas</i> , 2010, 17, 072506.	1.9	6
13	Energy channeling due to energetic-ion-driven instabilities in tokamak. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	6
14	Parametric upconversion of lower hybrid wave by runaway electrons in tokamak. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	5
15	Effects of equilibrium radial electric field on ion temperature gradient instability in the scrape-off layer of a field-reversed configuration. <i>Plasma Physics and Controlled Fusion</i> , 2021, 63, 065001.	2.1	5
16	Dynamic mode decomposition of inertial particle caustics in Taylor's "Green flow. <i>Scientific Reports</i> , 2021, 11, 10456.	3.3	5
17	Nonlinear particle simulation of ion cyclotron waves in toroidal geometry. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	2
18	Kinetic particle simulations in a global toroidal geometry. <i>Physics of Plasmas</i> , 2019, 26, 082507.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Lower hybrid instability in a tokamak under neutral beam injection and magnetic shear. Physics of Plasmas, 2008, 15, 052502.	1.9	1
20	Global particle simulation of lower hybrid wave propagation and mode conversion in tokamaks. AIP Conference Proceedings, 2015, , .	0.4	1
21	Effect of high power lower hybrid wave on ion temperature gradient driven drift wave in Tokamak. , 2009, , .		0