

Rnumata

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

302
citations

1307594

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1281871

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17
docs citations

17
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifurcation in electrostatic resistive drift wave turbulence. <i>Physics of Plasmas</i> , 2007, 14, .	1.9	88
2	AstroGK: Astrophysical gyrokinetics code. <i>Journal of Computational Physics</i> , 2010, 229, 9347-9372.	3.8	70
3	Ion and electron heating during magnetic reconnection in weakly collisional plasmas. <i>Journal of Plasma Physics</i> , 2015, 81, .	2.1	49
4	Chaos-Induced Resistivity in Collisionless Magnetic Reconnection. <i>Physical Review Letters</i> , 2002, 88, 045003.	7.8	29
5	Gyrokinetic simulations of the tearing instability. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	29
6	Gyrokinetic simulations of collisionless reconnection in turbulent non-uniform plasmas. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	11
7	Chaos-induced resistivity in the magnetic null region: A nonlinear mechanism of collisionless dissipation. <i>Physical Review E</i> , 2003, 68, 016407.	2.1	10
8	Nonlinear three-dimensional simulation for self-organization and flow generation in two-fluid plasmas. <i>Computer Physics Communications</i> , 2004, 164, 291-296.	7.5	7
9	Numerical modeling of Large Plasma Device Alfvén wave experiments using AstroGK. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	6
10	Numerical analysis on the contribution of the singular perturbation by the Hall term to the spectrum of MHD turbulence using a shell model. <i>Journal of Plasma Physics</i> , 2006, 72, 965.	2.1	1
11	Triggering of Neoclassical Tearing Mode by Error Field Penetration. <i>Plasma and Fusion Research</i> , 2018, 13, 1203104-1203104.	0.7	1
12	NONLINEAR SIMULATION OF DRIFT WAVE TURBULENCE. , 2007, , .		1
13	Electron and Ion Heating During Magnetic Reconnection in Weakly Collisional Plasmas. , 2014, , .		0
14	Magnetic Island Formation in Coexisting System of Resonant Magnetic Perturbation and Perturbed Bootstrap Current. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 064501.	1.6	0
15	Existence theorem and global asymptotical stability for low-dimensional dynamical models of plasma turbulence. <i>Journal of Mathematical Physics</i> , 2020, 61, 042702.	1.1	0
16	Random forcing with a constant power input for two-dimensional gyrokinetic simulations. <i>Journal of Plasma Physics</i> , 2021, 87, .	2.1	0
17	Linear Stability Analysis of Feedback Instability Using Gyrokinetic Model of Magnetosphere. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 094901.	1.6	0