

James Juno

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

310
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Discontinuous Galerkin algorithms for fully kinetic plasmas. <i>Journal of Computational Physics</i> , 2018, 353, 110-147.	3.8	84
2	Continuum kinetic and multi-fluid simulations of classical sheaths. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	41
3	Dissipation measures in weakly collisional plasmas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4857-4873.	4.4	29
4	Conservative discontinuous Galerkin schemes for nonlinear Doughertyâ€“Fokkerâ€“Planck collision operators. <i>Journal of Plasma Physics</i> , 2020, 86, .	2.1	21
5	Low Mach-number collisionless electrostatic shocks and associated ion acceleration. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 035004.	2.1	15
6	A fieldâ€“particle correlation analysis of a perpendicular magnetized collisionless shock. <i>Journal of Plasma Physics</i> , 2021, 87, .	2.1	14
7	Drift Instabilities in Thin Current Sheets Using a Twoâ€“Fluid Model With Pressure Tensor Effects. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3331-3346.	2.4	13
8	Dynamo in Weakly Collisional Nonmagnetized Plasmas Impeded by Landau Damping of Magnetic Fields. <i>Physical Review Letters</i> , 2020, 124, 255102.	7.8	13
9	Weak AlfvÃ©nic turbulence in relativistic plasmas. Part 2. current sheets and dissipation. <i>Journal of Plasma Physics</i> , 2021, 87, .	2.1	13
10	Effect of a weak ion collisionality on the dynamics of kinetic electrostatic shocks. <i>Journal of Plasma Physics</i> , 2019, 85, .	2.1	9
11	Noise-induced magnetic field saturation in kinetic simulations. <i>Journal of Plasma Physics</i> , 2020, 86, .	2.1	9
12	Weak AlfvÃ©nic turbulence in relativistic plasmas. Part 1. Dynamical equations and basic dynamics of interacting resonant triads. <i>Journal of Plasma Physics</i> , 2021, 87, .	2.1	9
13	Temperature-dependent Saturation of Weibel-type Instabilities in Counter-streaming Plasmas. <i>Astrophysical Journal Letters</i> , 2019, 872, L28.	8.3	8
14	Improved multispecies Dougherty collisions. <i>Journal of Plasma Physics</i> , 2022, 88, .	2.1	8
15	An Extended MHD Study of the 16 October 2015 MMS Diffusion Region Crossing. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8474-8487.	2.4	7
16	Alias-Free, Matrix-Free, and Quadrature-Free Discontinuous Galerkin Algorithms for (Plasma) Kinetic Equations. , 2020, , .		7
17	Ultrafast electron holes in plasma phase space dynamics. <i>Scientific Reports</i> , 2021, 11, 16358.	3.3	6
18	Kinetic modeling of neutral transport for a continuum gyrokinetic code. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	4

#	ARTICLE	IF	CITATIONS
19	Weak Alfvénic turbulence in relativistic plasmas. Part 2. Current sheets and dissipation “ERRATUM”. Journal of Plasma Physics, 2022, 88, .	2.1	0