

Jason M Tenbarge

List of Publications by Year in descending order

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34
papers

1,574
citations

361413

20
h-index

395702

33
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36
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36
docs citations

36
times ranked

928
citing authors

#	ARTICLE	IF	CITATIONS
1	Gyrokinetic Simulations of Solar Wind Turbulence from Ion to Electron Scales. <i>Physical Review Letters</i> , 2011, 107, 035004.	7.8	205
2	THE SLOW-MODE NATURE OF COMPRESSIBLE WAVE POWER IN SOLAR WIND TURBULENCE. <i>Astrophysical Journal Letters</i> , 2012, 753, L19.	8.3	136
3	CURRENT SHEETS AND COLLISIONLESS DAMPING IN KINETIC PLASMA TURBULENCE. <i>Astrophysical Journal Letters</i> , 2013, 771, L27.	8.3	127
4	USING SYNTHETIC SPACECRAFT DATA TO INTERPRET COMPRESSIBLE FLUCTUATIONS IN SOLAR WIND TURBULENCE. <i>Astrophysical Journal</i> , 2012, 755, 159.	4.5	89
5	Multiscale Nature of the Dissipation Range in Gyrokinetic Simulations of Alfvénic Turbulence. <i>Physical Review Letters</i> , 2015, 115, 025003.	7.8	88
6	A weakened cascade model for turbulence in astrophysical plasmas. <i>Physics of Plasmas</i> , 2011, 18, .	1.9	80
7	Evidence of critical balance in kinetic Alfvén wave turbulence simulations. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	75
8	COLLISIONLESS DAMPING AT ELECTRON SCALES IN SOLAR WIND TURBULENCE. <i>Astrophysical Journal</i> , 2013, 774, 139.	4.5	71
9	VALIDITY OF THE TAYLOR HYPOTHESIS FOR LINEAR KINETIC WAVES IN THE WEAKLY COLLISIONAL SOLAR WIND. <i>Astrophysical Journal</i> , 2014, 789, 106.	4.5	67
10	INTERPRETING MAGNETIC VARIANCE ANISOTROPY MEASUREMENTS IN THE SOLAR WIND. <i>Astrophysical Journal</i> , 2012, 753, 107.	4.5	64
11	Diagnosing collisionless energy transfer using field- \mathbf{v} particle correlations: gyrokinetic turbulence. <i>Journal of Plasma Physics</i> , 2017, 83, .	2.1	61
12	PHYSICAL INTERPRETATION OF THE ANGLE-DEPENDENT MAGNETIC HELICITY SPECTRUM IN THE SOLAR WIND: THE NATURE OF TURBULENT FLUCTUATIONS NEAR THE PROTON GYRORADIUS SCALE. <i>Astrophysical Journal</i> , 2014, 785, 138.	4.5	57
13	A Quarter Century of <i>Wind</i> Spacecraft Discoveries. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000714.	23.0	52
14	THE VIOLATION OF THE TAYLOR HYPOTHESIS IN MEASUREMENTS OF SOLAR WIND TURBULENCE. <i>Astrophysical Journal Letters</i> , 2014, 790, L20.	8.3	49
15	Scale dependence of the variance anisotropy near the proton gyroradius scale: Additional evidence for kinetic Alfvén waves in the solar wind at 1 AU. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	42
16	An oscillating Langevin antenna for driving plasma turbulence simulations. <i>Computer Physics Communications</i> , 2014, 185, 578-589.	7.5	41
17	ENERGY DISSIPATION AND LANDAU DAMPING IN TWO- AND THREE-DIMENSIONAL PLASMA TURBULENCE. <i>Astrophysical Journal Letters</i> , 2016, 832, L24.	8.3	37
18	Collisionless reconnection in the large guide field regime: Gyrokinetic versus particle-in-cell simulations. <i>Physics of Plasmas</i> , 2014, 21, 020708.	1.9	35

#	ARTICLE	IF	CITATIONS
19	Diagnosing collisionless energy transfer using field–particle correlations: Alfvén-ion cyclotron turbulence. <i>Journal of Plasma Physics</i> , 2020, 86, .	2.1	29
20	Dissipation measures in weakly collisional plasmas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4857-4873.	4.4	29
21	Collisionless energy transfer in kinetic turbulence: field–particle correlations in Fourier space. <i>Journal of Plasma Physics</i> , 2019, 85, .	2.1	19
22	Low Mach-number collisionless electrostatic shocks and associated ion acceleration. <i>Plasma Physics and Controlled Fusion</i> , 2018, 60, 035004.	2.1	15
23	A field–particle correlation analysis of a perpendicular magnetized collisionless shock. <i>Journal of Plasma Physics</i> , 2021, 87, .	2.1	14
24	Dynamo in Weakly Collisional Nonmagnetized Plasmas Impeded by Landau Damping of Magnetic Fields. <i>Physical Review Letters</i> , 2020, 124, 255102.	7.8	13
25	Weak Alfvénic turbulence in relativistic plasmas. Part 2. current sheets and dissipation. <i>Journal of Plasma Physics</i> , 2021, 87, .	2.1	13
26	Effect of a weak ion collisionality on the dynamics of kinetic electrostatic shocks. <i>Journal of Plasma Physics</i> , 2019, 85, .	2.1	9
27	Noise-induced magnetic field saturation in kinetic simulations. <i>Journal of Plasma Physics</i> , 2020, 86, .	2.1	9
28	Dependence of Solar Wind Proton Temperature on the Polarization Properties of Alfvénic Fluctuations at Ion-kinetic Scales. <i>Astrophysical Journal</i> , 2021, 912, 101.	4.5	9
29	Weak Alfvénic 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
30	Characterizing velocity–space signatures of electron energization in large-guide-field collisionless magnetic reconnection. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	9
31	Temperature-dependent Saturation of Weibel-type Instabilities in Counter-streaming Plasmas. <i>Astrophysical Journal Letters</i> , 2019, 872, L28.	8.3	8
32	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
33	Magnetic Field Reconstruction for a Realistic Multi-Point, Multi-Scale Spacecraft Observatory. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	6
34	Weak Alfvénic turbulence in relativistic plasmas. Part 2. Current sheets and dissipation – ERRATUM. <i>Journal of Plasma Physics</i> , 2022, 88, .	2.1	0