

Martin S Weidl

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The electron foreshock at high-Mach-number non-relativistic oblique shocks. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	6
2	Preacceleration in the Electron Foreshock. I. Electron Acoustic Waves. <i>Astrophysical Journal</i> , 2022, 931, 129.	4.5	7
3	Laser-produced plasmas as drivers of laboratory collisionless quasi-parallel shocks. <i>Physics of Plasmas</i> , 2020, 27, 042103.	1.9	5
4	Laboratory Observations of Ultra-low-frequency Analog Waves Driven by the Right-hand Resonant Ion Beam Instability. <i>Astrophysical Journal Letters</i> , 2020, 891, L11.	8.3	12
5	On the Background-gyroresonant Character of Bell's Instability in the Large-current Regime. <i>Astrophysical Journal</i> , 2019, 872, 48.	4.5	14
6	Three Regimes and Four Modes for the Resonant Saturation of Parallel Ion-beam Instabilities. <i>Astrophysical Journal</i> , 2019, 873, 57.	4.5	18
7	Observations of a field-aligned ion/ion-beam instability in a magnetized laboratory plasma. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	19
8	Towards a parallel collisionless shock in LAPD. <i>Journal of Physics: Conference Series</i> , 2017, 900, 012020.	0.4	3
9	Hybrid simulations of a parallel collisionless shock in the large plasma device. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	20
10	COSMIC-RAY PITCH-ANGLE SCATTERING IN IMBALANCED MHD TURBULENCE SIMULATIONS. <i>Astrophysical Journal</i> , 2015, 811, 8.	4.5	12
11	Acceleration of particles in imbalanced magnetohydrodynamic turbulence. <i>Physical Review E</i> , 2014, 90, 021101.	2.1	10