

Martin S Weidl

List of Publications by Year in descending order

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11
papers

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1307594

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1281871

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docs citations

11
times ranked

149
citing authors

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