

Bibliography from ADS file: popescu.bib
September 14, 2022

- Yadav, N., Keppens, R., & Popescu Braileanu, B., “Three-Dimensional MHD Wave Propagation Near a Coronal Null Point: a New Wave Mode Decomposition Approach”, 2022cosp...44.2546Y [ADS](#)
- Popescu Braileanu, B. & Keppens, R., “Two-fluid implementation in MPI-AMRVAC, with applications in the solar chromosphere”, 2022arXiv220505049P [ADS](#)
- Yadav, N., Keppens, R., & Popescu Braileanu, B., “3D MHD wave propagation near a coronal null point: New wave mode decomposition approach”, 2022A&A...660A..21Y [ADS](#)
- Popescu Braileanu, B., Lukin, V. S., & Khomenko, E., “Magnetic field amplification and structure formation by the Rayleigh-Taylor instability”, 2021arXiv211213043P [ADS](#)
- Popescu Braileanu, B. & Keppens, R., “Effects of ambipolar diffusion on waves in the solar chromosphere”, 2021A&A...653A.131P [ADS](#)
- Popescu Braileanu, B., Lukin, V. S., Khomenko, E., & de Vicente, Á., “Two-fluid simulations of Rayleigh-Taylor instability in a magnetized solar prominence thread. II. Effects of collisionality”, 2021A&A...650A.181P [ADS](#)
- Martínez-Gómez, D., Popescu Braileanu, B., Khomenko, E., & Hunana, P., “Simulations of the Biermann battery mechanism in two-fluid partially ionised plasmas”, 2021A&A...650A.123M [ADS](#)
- Popescu Braileanu, B., Lukin, V. S., Khomenko, E., & de Vicente, Á., “Two-fluid simulations of Rayleigh-Taylor instability in a magnetized solar prominence thread. I. Effects of prominence magnetization and mass loading”, 2021A&A...646A..93P [ADS](#)
- Khomenko, E., Lukin, V., & Popescu Braileanu, B., “Effects of neutrals on magnetic Rayleigh Taylor instability in solar prominences”, 2021cosp...43E.976K [ADS](#)
- Martínez-Gómez, D., Popescu Braileanu, B., Khomenko, E., & Hunana, P., “2D simulations of the Biermann battery mechanism in partially ionized plasmas”, 2020sea...confE.205M [ADS](#)
- Popescu Braileanu, B., Lukin, V. S., Khomenko, E., & de Vicente, Á., “Two-fluid simulations of waves in the solar chromosphere. II. Propagation and damping of fast magneto-acoustic waves and shocks”, 2019A&A...630A..79P [ADS](#)
- Popescu Braileanu, B., Lukin, V. S., Khomenko, E., & de Vicente, Á., “Two-fluid simulations of waves in the solar chromosphere. I. Numerical code verification”, 2019A&A...627A..25P [ADS](#)