

## Peer-Reviewed Publications

Maruca B. et al. (2021), “MagneToRE: Mapping the 3-D Magnetic Structure of the Solar Wind Using a Large Constellation of Nanosatellites,” *Frontiers in Astronomy and Space Sciences*, [doi:10.3389/fspas.2021.665885](https://doi.org/10.3389/fspas.2021.665885)

Chasapis, A. et al. (2021), “On the validity of the Taylor Hypothesis in the inner heliosphere as observed by the Parker Solar Probe,” accepted by *The Astrophysical Journal*

Qudsi, R. A. et al. (2020), “Intermittency and Ion Temperature–Anisotropy Instabilities: Simulation and Magnetosheath Observation,” *The Astrophysical Journal*, **895**, 895, 83 [doi:10.3847/1538-4357/ab89ad](https://doi.org/10.3847/1538-4357/ab89ad)

Qudsi, R. A. et al. (2020) “Observations of Heating along Intermittent Structures in the Inner Heliosphere from PSP Data,” *The Astrophysical Journal Supplement Series*, **246**, 46, [doi:10.3847/1538-4365/ab5c19](https://doi.org/10.3847/1538-4365/ab5c19)

Parashar, T. N. et al. (2020), “Measures of Scale-dependent Alfvénicity in the First PSP Solar Encounter,” *The Astrophysical Journal Supplement Series*, **246**, 58, [doi:10.3847/1538-4365/ab64e6](https://doi.org/10.3847/1538-4365/ab64e6)

Huang, J. et al. (2020), “Proton Temperature Anisotropy Variations in Inner Heliosphere Estimated with the First Parker Solar Probe Observations,” **246**, 70, [doi:10.3847/1538-4365/ab74e0](https://doi.org/10.3847/1538-4365/ab74e0)

Bandyopadhyay, R. et al. (2020), “Observations of Energetic-particle Population Enhancements along Intermittent Structures near the Sun from the Parker Solar Probe,” *The Astrophysical Journal Supplement Series*, **246**, 61, [doi:10.3847/1538-4365/ab6220](https://doi.org/10.3847/1538-4365/ab6220)

Bandyopadhyay, R. et al. (2020), “Enhanced Energy Transfer Rate in Solar Wind Turbulence Observed near the Sun from Parker Solar Probe,” *The Astrophysical Journal Supplement Series*, **246**, 48, [doi:10.3847/1538-4365/ab5dae](https://doi.org/10.3847/1538-4365/ab5dae)

Chhiber, R. et al., (2020), “Clustering of Intermittent Magnetic and Flow Structures near Parker Solar Probe’s First Perihelion—A Partial-variance-of-increments Analysis,” *The Astrophysical Journal Supplement Series*, **246**, 31, [doi:10.3847/1538-4365/ab53d2](https://doi.org/10.3847/1538-4365/ab53d2)

Gary, S. P. et al. (2020), “Particle-in-cell Simulations of Decaying Plasma Turbulence: Linear Instabilities versus Nonlinear Processes in 3D and 2.5D Approximations,” *The Astrophysical Journal*, **901**, 160, [doi:10.3847/1538-4357/abb2ac](https://doi.org/10.3847/1538-4357/abb2ac)