

STEREO Refereed Papers and Theses

as of May 18, 2020

2020

1. Abunin, A. A., M. A. Abunina, A. V. Belov, and I. M. Chertok, 2020, "Peculiar Solar Sources and Geospace Disturbances on 20-26 August 2018," *Solar Physics* **295**, 7, doi:10.1007/s11207-019-1574-8.
2. Al-Shakarchi, D. A. and H. Morgan, 2020, "The compound stream event of March 20-25, 2011 as measured by the STEREO B spacecraft," *Astrophysics and Space Science* **365**, 61, doi:10.1007/s10509-020-03773-x.
3. Allen, R. C., and 34 colleagues, 2020, "Solar Wind Streams and Stream Interaction Regions Observed by the Parker Solar Probe with Corresponding Observations at 1 au," *The Astrophysical Journal Supplement Series* **246**, 36, doi:10.3847/1538-4365/ab578f.
4. Allen, R. C., G. C. Ho, L. K. Jian, G. M. Mason, S. K. Vines, and D. Lario, 2020, "Predictive Capabilities and Limitations of Stream Interaction Region Observations at Different Solar Longitudes," *Space Weather* **18**, e02437, doi:10.1029/2019SW002437.
5. Badman, S. T., and 21 colleagues, 2020, "Magnetic Connectivity of the Ecliptic Plane within 0.5 au: Potential Field Source Surface Modeling of the First Parker Solar Probe Encounter," *The Astrophysical Journal Supplement Series* **246**, 23, doi:10.3847/1538-4365/ab4da7.
6. Bailey, R. L., C. Möstl, M. A. Reiss, A. J. Weiss, U. V. Amerstorfer, T. Amerstorfer, J. Hinterreiter, W. Magnes, and R. Leonhardt, 2020, "Prediction of Dst during solar minimum using in situ measurements at L5," *Space Weather* e2019SW002424, doi:10.1029/2019SW002424.
7. Barnes, D., 2020, "Remote Sensing Estimates of CME Density in the Ecliptic Using the STEREO Heliospheric Imagers," *Journal of Geophysical Research (Space Physics)* **125**, e27175, doi:10.1029/2019JA027175.
8. Berčič, L., and 19 colleagues, 2020, "Coronal Electron Temperature Inferred from the Strahl Electrons in the Inner Heliosphere: Parker Solar Probe and Helios Observations," *The Astrophysical Journal* **892**, 88, doi:10.3847/1538-4357/ab7b7a.
9. Carcaboso, F., R. Gómez-Herrero, F. Espinosa Lara, M. A. Hidalgo, I. Cernuda, and J. Rodríguez-Pacheco, 2020, "Characterisation of suprathermal electron pitch-angle distributions. Bidirectional and isotropic periods in solar wind," *Astronomy and Astrophysics* **635**, A79, doi:10.1051/0004-6361/201936601.

10. Cohen, C. M. S., and 36 colleagues, 2020, “Energetic Particle Increases Associated with Stream Interaction Regions,” *The Astrophysical Journal Supplement Series* **246**, 20, doi:10.3847/1538-4365/ab4c38.
11. Cremades, H., F. A. Iglesias, and L. A. Merenda, 2020, “Asymmetric expansion of coronal mass ejections in the low corona,” *Astronomy and Astrophysics* **635**, A100, doi:10.1051/0004-6361/201936664.
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14. Decraemer, B., A. N. Zhukov, and T. Van Doorselaere, 2020, “Properties of Streamer Wave Events Observed during the STEREO Era,” *The Astrophysical Journal* **893**, 78, doi:10.3847/1538-4357/ab8194.
15. Dikpati, M. and S. W. McIntosh, 2020, “Space Weather Challenge and Forecasting Implications of Rossby Waves,” *Space Weather*, e2018SW002109, doi:10.1029/2018SW002109.
16. Dresing, N., F. Effenberger, R. Gómez-Herrero, B. Heber, A. Klassen, A. Kollhoff, I. Richardson, and S. Theesen, 2020, “Statistical Results for Solar Energetic Electron Spectra Observed over 12 yr with STEREO/SEPT,” *The Astrophysical Journal* **889**, 143, doi:10.3847/1538-4357/ab64e5.
17. Feng, H., G. Zhao, and J. Wang, 2020, “Small interplanetary magnetic flux rope,” *Science in China E: Technological Sciences* **63**, 183-194, doi:10.1007/s11431-018-9481-1.
18. Filippov, B., 2020, “Failed prominence eruptions near 24 cycle maximum,” *Monthly Notices of the Royal Astronomical Society* **494**, 2166-2177, doi:10.1093/mnras/staa896.
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31. Korreck, K. E., and 28 colleagues, 2020, “Source and Propagation of a Streamer Blowout Coronal Mass Ejection Observed by the Parker Solar Probe,” *The Astrophysical Journal Supplement Series* **246**, 69, doi:10.3847/1538-4365/ab6ff9.
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