

Refereed articles in 2019

- [1] M. Anderson, T. Appourchaux, F. Auchère, R. Aznar Cuadrado, J. Barbay, F. Baudin, S. Beardsley, K. Bocchialini, B. Borgo, D. Bruzzi, E. Buchlin, G. Burton, V. Blüchel, M. Caldwell, S. Caminade, M. Carlsson, W. Curdt, J. Davenne, J. Davila, C. E. DeForest, G. Del Zanna, D. Drummond, J. Dubau, C. Dumesnil, G. Dunn, P. Eccleston, A. Fludra, T. Fredvik, A. Gabriel, A. Giunta, A. Gottwald, D. Griffin, T. Grundy, S. Guest, M. Gyo, M. Haberreiter, V. Hansteen, R. Harrison, D. M. Hassler, S. V. H. Haugan, C. Howe, M. Janvier, R. Klein, S. Koller, T. A. Kucera, D. Kouliche, E. Marsch, A. Marshall, G. Marshall, S. A. Matthews, C. McQuirk, S. Meining, C. Mercier, N. Morris, T. Morse, G. Munro, S. Parenti, C. Pastor-Santos, H. Peter, D. Pfiffner, P. Phelan, A. Philippon, A. Richards, K. Rogers, C. Sawyer, P. Schlatter, W. Schmutz, U. Schühle, B. Shaughnessy, S. Sidher, S. K. Solanki, R. Speight, M. Spescha, N. Szwec, C. Tamiatto, L. Teriaca, W. Thompson, I. Tosh, S. Tustain, J. C. Vial, B. Walls, N. Waltham, R. Wimmer-Schweingruber, S. Woodward, P. Young, A. De Groof, A. Pacros, D. Williams, and D. Müller. The Solar Orbiter SPICE instrument – An extreme UV imaging spectrometer. *arXiv e-prints*, page arXiv:1909.01183, September 2019.
- [2] K. Bocchialini, B. Grison, M. Menvielle, A. Chambodut, N. Cornilleau-Wehrlin, D. Fontaine, A. Marchaudon, M. Pick, F. Pitout, B. Schmieder, S. Régnier, and I. Zouganelis. Erratum: Correction to: Statistical Analysis of Solar Events Associated with Storm Sudden Commencements over One Year of Solar Maximum During Cycle 23: Propagation from the Sun to the Earth and Effects. *Solar Phys.*, 294(4):38, April 2019.
- [3] Sébastien Galtier, Sergey V. Nazarenko, Éric Buchlin, and Simon Thalabard. Nonlinear diffusion models for gravitational wave turbulence. *Physica D Nonlinear Phenomena*, 390:84–88, March 2019.
- [4] Ivan Gonçalves, F. X. Schmider, Patrick Gaulme, Raúl Morales-Juberías, Tristan Guillot, Jean-Pierre Rivet, Thierry Appourchaux, Patrick Boumier, Jason Jackiewicz, Bun’ei Sato, Shigeru Ida, Masahiro Ikoma, Djamel Mékarnia, Thomas A. Underwood, and David Voelz. First measurements of Jupiter’s zonal winds with visible imaging spectroscopy. *Icarus*, 319:795–811, Feb 2019.
- [5] S. Koutchmy, F. Baudin, Sh. Abdi, L. Golub, and F. Sèvre. New deep coronal spectra from the 2017 total solar eclipse. *Astron. Astrophys.*, 632:A86, December 2019.
- [6] Gabriel Pelouze, Frédéric Auchère, Karine Bocchialini, Louise Harra, Deborah Baker, Harry P. Warren, David H. Brooks, and John T. Mariska. Comprehensive Determination of the Hinode/EIS Roll Angle. *Solar Phys.*, 294(5):59, May 2019.
- [7] François-Xavier Schmider, Tristan Guillot, Ivan Gonçalves, Jason Jackiewicz, Thomas Underwood, David Voelz, Patrick Gaulme, Patrick Boumier, Thierry Appourchaux, Raúl Morales-Juberías, Masahiro Ikoma, Bun’ei Sato, and Hideyuki Izumiura. Jupiter atmospheric dynamics from

ground-based Doppler imaging. In *EPSC-DPS Joint Meeting 2019*, volume 2019, pages EPSC–DPS2019–1613, September 2019.

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- [9] J. C. Vial, P. Zhang, and É. Buchlin. Some relationships between radiative and atmospheric quantities through 1D NLTE modeling of prominences in the Mg II lines. *Astron. Astrophys.*, 624:A56, April 2019.
- [10] Natalia Zambrana Prado and Éric Buchlin. Measuring relative abundances in the solar corona with optimised linear combinations of spectral lines. *Astron. Astrophys.*, 632:A20, December 2019.
- [11] P. Zhang, É. Buchlin, and J. C. Vial. Launch of a CME-associated eruptive prominence as observed with IRIS and ancillary instruments. *Astron. Astrophys.*, 624:A72, April 2019.