

## Refereed articles in 2018

- [1] C. E. Alissandrakis, J. C. Vial, A. Koukras, E. Buchlin, and M. Chane-Yook. IRIS Observations of Spicules and Structures Near the Solar Limb. *Solar Phys.*, 293, February 2018.
- [2] T. Appourchaux, P. Boumier, J. W. Leibacher, and T. Corbard. Searching for g modes. I. A new calibration of the GOLF instrument. *Astron. Astrophys.*, 617:A108, September 2018.
- [3] F. Auchère, C. Froment, E. Soubrié, P. Antolin, R. Oliver, and G. Pelouze. The Coronal Monsoon: Thermal Nonequilibrium Revealed by Periodic Coronal Rain. *Astrophys. J.*, 853:176, February 2018.
- [4] O. Benomar, M. Goupil, K. Belkacem, T. Appourchaux, M. B. Nielsen, M. Bazot, L. Gizon, S. Hanasoge, K. R. Sreenivasan, and B. Marchand. Asymmetry of Line Profiles of Stellar Oscillations Measured by Kepler for Ensembles of Solar-like Oscillators: Impact on Mode Frequencies and Dependence on Effective Temperature. *Astrophys. J.*, 857:119, April 2018.
- [5] 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. 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.*, 293:75, May 2018.
- [6] C. Froment, F. Auchère, Z. Mikić, G. Aulanier, K. Bocchialini, E. Buchlin, J. Solomon, and E. Soubrié. On the Occurrence of Thermal Nonequilibrium in Coronal Loops. *Astrophys. J.*, 855, March 2018.
- [7] W. Liu, J.-C. Vial, P. Antolin, X. Sun, and T. Berger. Cool Material in the Hot Solar Corona and the Chromosphere-Corona Mass Cycle. In *42nd COSPAR Scientific Assembly*, volume 42 of *COSPAR Meeting*, pages D2.2–29–18, July 2018.
- [8] F. Marcadon, T. Appourchaux, and J. P. Marques. Asteroseismic and orbital analysis of the triple star system HD 188753 observed by Kepler. *Astron. Astrophys.*, 617:A2, September 2018.
- [9] S. Parenti, J.-C. Vial, and G. Del Zanna. Chemical fractionation in solar prominences. In *42nd COSPAR Scientific Assembly*, volume 42 of *COSPAR Meeting*, pages D2.2–40–18, July 2018.
- [10] François-Xavier Schmider, Ivan Goncalves, Patrick Gaulme, Raul Morales-Jubieras, Tristan Guillot, Thierry Appourchaux, Patrick Boumier, Jason Jackiewicz, Thomas Underwood, David Voelz, Bun’ei Sato, Shigeru Ida, Masahiro Ikoma, and Jean-Pierre Rivet. First measurements of the Jovian zonal winds profile through visible Doppler spectroscopy. In *European Planetary Science Congress*, pages EPSC2018–433, Sep 2018.
- [11] P. Zhang, J.-C. Vial, and E. Buchlin. An analysis of simultaneous observations of a CME-associated eruptive prominence with IRIS, AIA/SDO,

EUVI/STEREO and K-COR. In *42nd COSPAR Scientific Assembly*, volume 42 of *COSPAR Meeting*, pages D2.2–35–18, July 2018.

- [12] P. Zhang, J.-C. Vial, and E. Buchlin. Physical conditions in a prominence eruption during its pre-eruption and acceleration. In *42nd COSPAR Scientific Assembly*, volume 42 of *COSPAR Meeting*, pages E2.1–30–18, July 2018.