

Zoznam publikovaných referovaných prác projektu APVV-0816-11

2016/11/11

1. "NLTE modeling of a small active region filament observed with the VTT", P. Schwartz, H. Balthasar, C. Kuckein, J. Koza, P. Gomory, J. Rybak, P. Heinzel, A. Kucera, Astronomische Nachrichten 337, 1045 (2016), DOI: 10.1002/asna.201612431, submitted – 2015/12/12, resubmitted after a referee report - 2016/02/29, accepted – 2016/03/18
2. "Broadband microwave sub-second pulsations in an expanding coronal loop of the 2011 August 10 flare", H. Meszarosova, J. Rybak, L. Kashapova, P. Gomory, S. Tokhchukova, Astronomy and Astrophysics 593, A80, 2016, DOI: 10.1051/0004-6361/201528062
3. "Chromospheric evaporation flows and density changes deduced from Hinode/EIS during an M1.6 flare", P. Gomory, A. M. Veronig, Y. Su, M. Temmer, J. K. Thalmann, Astronomy and Astrophysics 588, A6, 2016, DOI: 10.1051/0004-6361/201527403
4. "Waves and Magnetism in the Solar Atmosphere (WAMIS)", Y.-K. Ko, J. D. Moses, J. M. Laming, L. Strachan, S.T. Beltran, S. Tomczyk, S.E. Gibson, F. Auchere, R. Casini, S. Fineschi, M. Knoelker, C. Korendyke, S.W. McIntosh, M. Romoli, J. Rybak, D.G. Socker, A. Vourlidas, Q. Wu, Frontiers in Astronomy and Space Sciences volume 3, article 1, doi: 10.3389/fspas.2016.00001
5. "Prominence visibility in Hinode/XRT images", Schwartz, P., Jejcic, J., Heinzel, P., Anzer, U., Jibben, P.R., 2015, The Astrophysical Journal 807, 97, DOI: 10.1088/0004-637X/807/1/97
6. "Non-LTE modelling of prominence fine structures using hydrogen Lyman line profiles", Schwartz, P. Gunar, S., Curdt, W., 2015, Astronomy & Astrophysics 577, id.A92, DOI: 10.1051/0004-6361/201425138,
7. "Total mass of six quiescent prominences estimated from their multi-spectral observations", Schwartz, P. Heinzel, P., Kotrc, P., Farnik, F., Kupryakov, Yu. A., De Luca, E. E., Golub, L., 2015, Astronomy & Astrophysics 574, id.A62, DOI: 10.1051/0004-6361/201423513
8. "Chromospheric fine structure didactically", J.Koza, 2014, Central European Astrophysical Bulletin 38, 38
9. "Magnetic field and radiative transfer modelling of a quiescent prominence", S. Gunar, P. Schwartz, J. Dudík, B. Schmieder, P. Heinzel, J. Jurcák, Astronomy & Astrophysics 567, A123, July 2014, doi: 10.1051/0004-6361/201322777
10. "Solar magnetized tornadoes: rotational motion in a tornado-like prominence", Y. Su, P. Gömöry, A. Veronig, M. Temmer, T. Wang, K. Vanninathan, W. Gan, Y. Li, The Astrophysics Journal Letters 785 L2, 2014, doi:10.1088/2041-8205/785/1/L2
11. "Inferring spectral characteristics of the H alpha spectral line observed by the DOT Lyot filter", J. Koza, J. Rybak, P. Gomory, A. Kucera, Contributions of the Astronomical Observatory Skalnaté Pleso 44, 43, 2014
12. "Transmission profile of the DOT H alpha Lyot filter", J. Koza, R.H. Hammerschlag, J. Rybak, P. Gomory, A. Kucera, P. Schwartz, Astronomische Nachrichten 335, No.4, 409, DOI: 10.1002/asna.201312048

13. "Magnetoacoustic waves propagating along a density slab and Harris current sheet and their wavelet spectra", H. Meszarosova, M. Karlicky , P. Jelinek, Jan Rybak, The Astronomical Journal 788, 44, DOI: <http://dx.doi.org/10.1088/0004-637X/788/1/44>
14. "Evidence of quiet-Sun chromospheric activity related to an emerging small-scale magnetic loop", P. Gömöry, H. Balthasar, K. G. Puschmann, Astronomy and Astrophysics 556, A7, 2013
15. "On Dynamics of G-Band Bright Points", M. Bodnárová, D. Utz, J. Rybák, Solar Physics, Volume 289, Issue 5, pp 1543-1556, DOI: 10.1007/s11207-013-0428-z
16. "Search for Alfvén waves in a bright network element observed in H alpha", J. Koza, P. Sutterlin, P. Gomory, J. Rybak, A. Kucera, Contributions of the Astronomical Observatory Skalnate Pleso 43, 5, 2013