

Bibliography from ADS file: pastor-yabar.bib
 September 14, 2022

- Pastor Yabar, A. & De la Cruz Rodríguez, J., “*Quiet-Sun radiative losses: contribution to chromospheric heating*”, 2022cosp...44.2517P [ADS](#)
- Pastor Yabar, A., Asensio Ramos, A., Manso Sainz, R., & Collados, M., “*Polarimetric characterization of segmented mirrors*”, 2022ApOpt..61.4908P [ADS](#)
- Grinón-Marín, A. B., Pastor Yabar, A., Liu, Y., Hoeksema, J. T., & Norton, A., “*Improvement of the Helioseismic and Magnetic Imager (HMI) Vector Magnetic Field Inversion Code*”, 2021ApJ...923...84G [ADS](#)
- Pastor Yabar, A., Borrero, J. M., Quintero Noda, C., & Ruiz Cobo, B., “*Inference of electric currents in the solar photosphere*”, 2021A&A...656L..20P [ADS](#)
- Borrero, J. M., Pastor Yabar, A., & Ruiz Cobo, B., “*Combining magnetohydrostatic constraints with Stokes profiles inversions. II. Application to Hinode/SP observations*”, 2021A&A...647A.190B [ADS](#)
- Grinón-Marín, A. B., Pastor Yabar, A., Centeno, R., & Socas-Navarro, H., “*Long-term evolution of three light bridges developed on the same sunspot*”, 2021A&A...647A.148G [ADS](#)
- Pietrov, A. G. M., Kiselman, D., de la Cruz Rodríguez, J., et al., “*Inference of the chromospheric magnetic field configuration of solar plage using the Ca II 8542 Å line*”, 2020A&A...644A..43P [ADS](#)
- González Manrique, S. J., Kuckein, C., Pastor Yabar, A., et al., “*The dynamics of a solar arch filament system from the chromosphere to the photosphere*”, 2020sea..confE.199G [ADS](#)
- Pastor Yabar, A., Martínez González, M. J., & Collados, M., “*Photospheric magnetic topology of a north polar region*”, 2020A&A...635A.210P [ADS](#)
- Grinón-Marín, A. B., Pastor Yabar, A., Socas-Navarro, H., & Centeno, R., “*Discovery of long-period magnetic field oscillations and motions in isolated sunspots*”, 2020A&A...635A..64G [ADS](#)
- González Manrique, S. J., Kuckein, C., Pastor Yabar, A., et al., “*Tracking Down-flows from the Chromosphere to the Photosphere in a Solar Arch Filament System*”, 2020ApJ...890...82G [ADS](#)
- Borrero, J. M., Pastor Yabar, A., Rempel, M., & Ruiz Cobo, B., “*Combining magnetohydrostatic constraints with Stokes profiles inversions. I. Role of boundary conditions*”, 2019A&A...632A.111B [ADS](#)
- Borrero, J. M., Pastor Yabar, A., Rempel, M., & Ruiz Cobo, B., “*Combining magneto-hydrostatic constraints with Stokes profiles inversions*”, 2019arXiv191014131B [ADS](#)
- Pastor Yabar, A., Borrero, J. M., & Ruiz Cobo, B., “*FIRTEZ-dz. A forward and inverse solver of the polarized radiative transfer equation under Zeeman regime in geometrical scale*”, 2019A&A...629A..24P [ADS](#)
- Verma, M., Balthasar, H., Denker, C., et al., “*Photospheric Magnetic Fields of the Trailing Sunspots in Active Region NOAA 12396*”, 2019ASPC..526..291V [ADS](#)
- Asensio Ramos, A., de la Cruz Rodríguez, J., & Pastor Yabar, A., “*Real-time, multiframe, blind deconvolution of solar images*”, 2018A&A...620A..73A [ADS](#)
- Pastor Yabar, A., Martínez González, M. J., & Collados, M., “*Magnetic topology of the north solar pole*”, 2018A&A...616A..46P [ADS](#)
- Carnerero, M. I., Raiteri, C. M., Villata, M., et al., “*Dissecting the long-term emission behaviour of the BL Lac object Mrk 421*”, 2017MNRAS.472.3789C [ADS](#)
- González Manrique, S. J., Denker, C., Kuckein, C., et al., “*Flows along arch filaments observed in the GRIS ‘very fast spectroscopic mode’*”, 2017IAUS..327...28G [ADS](#)
- Ahnén, M. L., Ansoldi, S., Antonelli, L. A., et al., “*Multiwavelength observations of a VHE gamma-ray flare from PKS 1510-089 in 2015*”, 2017A&A...603A..29A [ADS](#)
- Raiteri, C. M., Nicastro, F., Stameria, A., et al., “*Synchrotron emission from the blazar PG 1553+113. An analysis of its flux and polarization variability*”, 2017MNRAS.466.3762R [ADS](#)
- Vieu, T., Martínez González, M. J., Pastor Yabar, A., & Asensio Ramos, A., “*How to infer the Sun’s global magnetic field using the Hanle effect*”, 2017MNRAS.465.4414V [ADS](#)
- Grinón, A. B., Pastor Yabar, A., Socas-Navarro, H., & Centeno, R., “*Filamentary Oscillations in the Penumbra of Sunspots*”, 2017psio.confE.111G [ADS](#)
- Pastor Yabar, A., “*Where are the solar magnetic poles?*”, 2017psio.confE..14P [ADS](#)
- González Manrique, S. J., Kuckein, C., Pastor Yabar, A., et al., “*Fitting peculiar spectral profiles in He I 10830Å absorption features*”, 2016AN....337.1057G [ADS](#)
- Balthasar, H., Gömöry, P., González Manrique, S. J., et al., “*Spectropolarimetric observations of an arch filament system with the GREGOR solar telescope*”, 2016AN....337.1050B [ADS](#)
- Felipe, T., Collados, M., Khomenko, E., et al., “*Three-dimensional structure of a sunspot light bridge*”, 2016A&A...596A..59F [ADS](#)