

Bibliography from ADS file: bruls.bib
 September 14, 2022

- Nutto, C., Roth, M., Zhugzhda, Y., Bruls, J., & von der Lühe, O., “*Calculation of Spectral Darkening and Visibility Functions for Solar Oscillations*”, 2008SoPh..251..179N [ADS](#)
- Rezaei, R., Bruls, J., Beck, C., et al., “*Reversal-free Ca II H Profiles: a Challenge for Solar Chromosphere Modeling in Quiet Inter-Network*”, 2008ESPM...12.2.13R [ADS](#)
- Rezaei, R., Bruls, J. H. M. J., Schmidt, W., et al., “*Reversal-free Ca II H profiles: a challenge for solar chromosphere modeling in quiet inter-network*”, 2008A&A...484..503R [ADS](#)
- Bruls, J. H. M. J., “*The Solar Perspective on Radiative Transfer and Interferometry*”, 2008EAS....28...17B [ADS](#)
- Wedemeyer-Böhm, S., Steiner, O., Bruls, J., & Rammacher, W., “*What is Heating the Quiet-Sun Chromosphere?*”, 2007ASPC..368..93W [ADS](#)
- Rezaei, R., Schlichenmaier, R., Beck, C. A. R., Bruls, J. H. M. J., & Schmidt, W., “*Relation between photospheric magnetic field and chromospheric emission*”, 2007A&A...466.1131R [ADS](#)
- Wedemeyer-Böhm, S., Kamp, I., Freytag, B., Bruls, J., & Steffen, M., “*A First Three-Dimensional Model for the Carbon Monoxide Concentration in the Solar Atmosphere*”, 2006ASPC..354..301W [ADS](#)
- Wedemeyer-Böhm, S., Kamp, I., Bruls, J., & Freytag, B., “*Carbon monoxide in the solar atmosphere. I. Numerical method and two-dimensional models*”, 2005A&A...438.1043W [ADS](#)
- Bruls, J. H. M. J. & Solanki, S. K., “*Apparent solar radius variations. The influence of magnetic network and plage*”, 2004A&A...427..735B [ADS](#)
- Vögler, A., Bruls, J. H. M. J., & Schüssler, M., “*Approximations for non-grey radiative transfer in numerical simulations of the solar photosphere*”, 2004A&A...421..741V [ADS](#)
- Steiner, O., Hauschildt, P. H., & Bruls, J., “*The contrast of magnetic elements across the solar spectrum*”, 2003AN....324..398S [ADS](#)
- Steiner, O., Hauschildt, P. H., & Bruls, J., “*Radiative properties of magnetic elements. I. Why are vec G-band bright points bright?*”, 2001A&A...372L..13S [ADS](#)
- Steiner, O., Bruls, J., & Hauschildt, P. H., “*Why are G-Band Bright Points Bright?*”, 2001ASPC..236..453S [ADS](#)
- Schmidt, W., Kentischer, T. J., Bruls, J., & Lites, B. W., “*POLIS: Simultaneous Measurement of Photospheric and Chromospheric Magnetic Field*”, 2001ASPC..236..49S [ADS](#)
- Bruls, J. H. M. J. & von der Lühe, O., “*Where is the Intrinsic Size Limit of Fine Structure in the Solar Photosphere? (CD-ROM Directory: contribs/bruls)*”, 2001ASPC..223..589B [ADS](#)
- Bruls, J. H. M. J. & Lühe, O. v. d., “*Photospheric fine structure: An observational challenge. An analysis of radiative transfer effects on the visibility of small-scale structures*”, 2001A&A...366..281B [ADS](#)
- Frutiger, C., Solanki, S. K., Fligge, M., & Bruls, J. H. M. J., “*Properties of the solar granulation obtained from the inversion of low spatial resolution spectra*”, 2000A&A...358..1109F [ADS](#)
- Schlichenmaier, R., Bruls, J. H. M. J., & Schüssler, M., “*Radiative cooling of a hot flux tube in the solar photosphere*”, 1999A&A...349..961S [ADS](#)
- Bruls, J. H. M. J., Vollmöller, P., & Schüssler, M., “*Computing radiative heating on unstructured spatial grids*”, 1999A&A...348..233B [ADS](#)
- Frutiger, C., Solanki, S. K., Fligge, M., & Bruls, J. H. M. J., “*Inversion of Stokes profiles*”, 1999ASSL..243..281F [ADS](#)
- Bruls, J., Vollmöller, P., & Schüssler, M., “*Radiative Transfer On Unstructured Triangular Grids*”, 1999ASPC..183..44B [ADS](#)
- Bruls, J. H. M. J., Schüssler, M., & Solanki, S. K., “*Can Chromospheric Activity mimic a Polar Spot?*”, 1999ASPC..158..182B [ADS](#)
- Schlichenmaier, R., Bruls, J. H. M. J., & Schüssler, M., “*Radiative cooling of a hot flux tube in the solar photosphere*”, 1999AGAb...15Q..75S [ADS](#)
- Bruls, J., Vollmöller, P., & Schüssler, M., “*Radiative transfer for MHD simulations on unstructured grids*”, 1999AGAb...15..141B [ADS](#)
- Bruls, J. H. M. J., Solanki, S. K., & Schüssler, M., “*Doppler imaging: the polar SPOT controversy*”, 1998A&A...336..231B [ADS](#)
- Bruls, J. H. M. J., Solanki, S. K., & Schüssler, M., “*A Non-LTE Analysis of Doppler Imaging Lines*”, 1998ASPC..154.1959B [ADS](#)
- Bruls, J. H. M. J. & Solanki, S. K., “*Simulations of Zeeman-split CA II K-line Stokes profiles with angle-dependent partial redistribution.*”, 1997A&A...325.1179B [ADS](#)
- Stuik, R., Bruls, J. H. M. J., & Rutten, R. J., “*Modeling LiI and KI sensitivity to Pleiades activity.*”, 1997A&A...322..911S [ADS](#)
- Bruls, J. H. M. J. & Trujillo Bueno, J., “*The Polarization-Free Approximation Applied to Multi-Level Non-LTE Radiative Transfer*”, 1996SoPh..164..155B [ADS](#)
- Schrijver, C. J., Mewe, R., Kaastra, J. S., van den Oord, G. H. J., & Bruls, J. H. M. J., “*Is the optical depth of stellar coronae really negligible?*”, 1996ASPC..109..289S [ADS](#)