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List of Publications

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Publications in Refereed Journals

- J1. Stenflo J.O., Harvey J.W., Brault J.W., Solanki S.K.: Diagnostics of Solar Magnetic Fluxtubes using a Fourier Transform Spectrometer. *Astron. Astrophys.* **131**, p. 333-346 (1984). [pdf]
- J2. Solanki S.K., Stenflo J.O.: Properties of Solar Magnetic Fluxtubes as Revealed by Fe I Lines. *Astron. Astrophys.* **140**, p. 185-198 (1984). [pdf]
- J3. Solanki S.K., Stenflo J.O.: Models of Solar Magnetic Fluxtubes: Constraints Imposed by Fe I and II Lines. *Astron. Astrophys.* **148**, p. 123-132 (1985). [pdf]
- J4. Pneuman G.W., Solanki S.K., Stenflo J.O.: Structure and Merging of Solar Magnetic Fluxtubes. *Astron. Astrophys.* **154**, p. 231-242 (1986). [pdf]
- J5. Solanki S.K.: Velocities in Solar Magnetic Fluxtubes. *Astron. Astrophys.* **168**, p. 311-329 (1986). [pdf]
- J6. Solanki S.K., Stenflo J.O.: Some Effects of Finite Spectral Resolution on the Stokes V Profile. *Astron. Astrophys.* **170**, p. 120-125 (1986). [pdf]
- J7. Solanki S.K., Pantellini F.G.E., Stenflo J.O.: Lines in the Wavelength Range $\lambda\lambda 4300-6700$ Å with Large Stokes V Amplitudes Outside Sunspots. *Solar Phys.* **107**, p. 57-61 (1987). [pdf]
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- J12. Pantellini F.G.E., Solanki S.K., Stenflo J.O.: Velocity and Temperature in Solar Magnetic Fluxtubes from a Statistical Centre-to-Limb Analysis. *Astron. Astrophys.* **189**, p. 263-276 (1988). [pdf]
- J13. Schüssler M., Solanki S.K.: Continuum Intensity of Magnetic Flux Concentrations: Are Magnetic Elements Bright Points? *Astron. Astrophys.* **192**, p. 338-342 (1988). [pdf]
- J14. Sánchez Almeida J., Solanki S.K., Collados M., del Toro Iniesta J.C.: Magnetic Field Strength in Solar Fluxtubes: A Model Atmosphere Independent Determination. *Astron. Astrophys.* **196**, p.

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- J16. Grossmann-Doerth U., Larsson B., Solanki S.K.: Contribution and Response Functions for Stokes Line Profiles Formed in a Magnetic Field. *Astron. Astrophys.* **204**, p. 266-274 (1988). [\[pdf\]](#)
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- J24. Brandt P.N., Solanki S.K.: Solar Line Asymmetries and the Magnetic Filling Factor. *Astron. Astrophys.* **231**, p. 221-234 (1990). [\[pdf\]](#)
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