

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

- Hauber, E., Tirsch, D., Adeli, S., et al., “Regional Geologic Mapping of the Oxia Planum Landing Site for the Exomars 2022 Mission”, 2021LPI...52.2057H [ADS](#)
- Adeli, S., Nass, A., Tirsch, D., et al., “Regional Geologic Mapping of the Oxia Planum Landing Site for ExoMars”, 2020LPICo2357.7035A [ADS](#)
- Hauber, E., Acktories, S., Steffens, S., et al., “Regional Geologic Mapping of the Oxia Planum Landing Site for the Exomars Mission”, 2020LPI...51.2001H [ADS](#)
- Schmitz, F. & Steffens, S., “Linear adiabatic dynamics of a polytropic convection zone with an isothermal atmosphere. II. Quasi-stationary solutions”, 2000A&A...356..319S [ADS](#)
- Steffens, S. & Schmitz, F., “The influence of the solar atmospheric stratification on the form of p-mode ridges”, 2000A&A...354..280S [ADS](#)
- Deubner, F. L. & Steffens, S., “Observers’ Views of the Bustling Atmosphere of the Sun”, 1999ESASP.448..149D [ADS](#)
- Schmitz, F. & Steffens, S., “Linear adiabatic dynamics of a polytropic convection zone with an isothermal atmosphere. I. General features and real modes”, 1999A&A...344..973S [ADS](#)
- Steffens, S. & Deubner, F., “p-silon - p-silon Phase Relations in the Vicinity of the Transition Region Derived from SUMER Observations”, 1999ASPC...183..426S [ADS](#)
- Steffens, S. & Nuernberger, D., “Probing 5-minute oscillations in the solar wind with comet Hale-Bopp (C/1995 O1)”, 1998A&A...336..769S [ADS](#)
- Steffens, S.: 1998, Ph.D. thesis, - 1998PhDT.....40S [ADS](#)
- Steffens, S., Schmitz, F., & Deubner, F. L., “The influence of the solar atmospheric stratification on the structure of the acoustic wave field”, 1997SoPh...172...85S [ADS](#)
- Fleck, B., Steffens, S., Deubner, F. L., et al., “Wave Propagation in the Chromosphere and Transition Region: Where Have All the Shock Waves Gone?”, 1997SPD...28.0120F [ADS](#)
- Steffens, S., Deubner, F. L., Fleck, B., & Wilhelm, K., “Tracing CA K Grains Through the Chromosphere into the Transition Region”, 1997ESASP.404..685S [ADS](#)
- Steffens, S., Deubner, F. L., Fleck, B., et al., “Wave Propagation in the Chromosphere and Transition Region”, 1997ESASP.404..679S [ADS](#)
- Steffens, S., Deubner, F. L., Fleck, B., et al., “First Results from SOHO on Waves Near the Solar Transition Region”, 1997ASPC...118..284S [ADS](#)
- Remling, B., Deubner, F. L., & Steffens, S., “Evidence of K2v grains being a non-magnetic phenomenon.”, 1996A&A...316..196R [ADS](#)
- Hofmann, J., Steffens, S., & Deubner, F. L., “K-grains as a three-dimensional phenomenon. II. Phase analysis of the spatio-temporal pattern.”, 1996A&A...308..192H [ADS](#)
- Deubner, F. L., Waldschik, T., & Steffens, S., “Dynamics of the solar atmosphere. VI. Resonant oscillations of an atmospheric cavity: observations.”, 1996A&A...307..936D [ADS](#)
- Steffens, S., Hofmann, J., & Deubner, F. L., “K-grains as a three-dimensional phenomenon. I. Statistics and spatial evolution.”, 1996A&A...307..288S [ADS](#)
- Steffens, S., Deubner, F. L., Hofmann, J., & Fleck, B., “Is there a chromospheric mode at 6 mHz?”, 1995A&A...302..277S [ADS](#)
- Hofmann, J., Deubner, F. L., Steffens, S., & Fleck, B., “Phase Analysis of the K-Grain Excitation Pattern”, 1995ESASP.376b.493H [ADS](#)
- Steffens, S., Deubner, F. L., Hofmann, J., & Fleck, B., “On the Phenomenology of K-Grains”, 1995ESASP.376b.487S [ADS](#)
- Steffens, S., Deubner, F. L., Hofmann, J., & Fleck, B., “Is There an Atmospheric Mode Near 6 mHz?”, 1995ESASP.376b.481S [ADS](#)
- Steffens, S. & Schmitz, F., “The influence of the atmospheric structure on solar modes.”, 1995AGAb...11..141S [ADS](#)
- Steffens, S., Deubner, F. L., Hofmann, J., & Fleck, B., “On the phenomenology of K-grains.”, 1995AGAb...11..140S [ADS](#)
- Deubner, F. L., Waldschik, T., & Steffens, S., “Resonant oscillations of the solar atmospheric cavity.”, 1995AGAb...11..139D [ADS](#)
- Steffens, S., Deubner, F. L., Hofmann, J., & Fleck, B., “Is there an atmospheric mode near 6 mHz?”, 1995AGAb...11..138S [ADS](#)
- Fleck, B., Deubner, F. L., Hofmann, J., & Steffens, S., “Wave propagation in the solar chromosphere: some new results from Call K, Call 8542 and Hel 10830 observations”, 1994chdy.conf..103F [ADS](#)