

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

- Sinjan, J., Calchetti, D., Hirzberger, J., et al., “The on-ground data reduction and calibration pipeline for SO/PHI-HRT”, 2022arXiv220814904S ADS
- Schou, J., “Using birefringent elements and imaging Michelsons for the calibration of high-precision planet-finding spectrographs”, 2022A&A...662A.119S ADS
- Kahil, F., Hirzberger, J., Solanki, S. K., et al., “The magnetic drivers of campfires seen by the Polarimetric and Helioseismic Imager (PHI) on Solar Orbiter”, 2022A&A...660A.143K ADS
- Albert, K., Hirzberger, J., Kolleck, M., et al., “First results from SO/PHI’s on-board data reduction”, 2020AGUFM38...05A ADS
- Löschl, P., Hirzberger, J., Schou, J., & Solanki, S. K., “Multi-view magnetic synoptic maps with SO/PHI and SDO/HMI”, 2020AGUFM38...0360028L ADS
- Staub, J., Fernandez-Rico, G., Gandorfer, A., et al., “PMI: The Photospheric Magnetic Field Imager”, 2020JWSC...10...54S ADS
- Albert, K., Hirzberger, J., Kolleck, M., et al., “Autonomous on-board data processing and instrument calibration software for the Polarimetric and Helioseismic Imager on-board the Solar Orbiter mission”, 2020JATIS...6d8004A ADS
- Solanki, S. K., del Toro Iniesta, J. C., Woch, J., et al., “The Polarimetric and Helioseismic Imager on Solar Orbiter”, 2020A&A...642A...11S ADS
- Zouganelis, I., De Groof, A., Walsh, A. P., et al., “The Solar Orbiter Science Activity Plan. Translating solar and heliospheric physics questions into action”, 2020A&A...642A...3Z ADS
- Schou, J. & Birch, A. C., “Estimating the nonstructural component of the helioseismic surface term using hydrodynamic simulations”, 2020A&A...638A...51S ADS
- Hassler, D. M., Newmark, J., Gibson, S., et al., “The Solaris Solar Polar Mission”, 2020EGUGA...2217703H ADS
- Böning, V. G. A., Birch, A. C., Gizon, L., Duvall, T. L., & Schou, J., “Characterizing the spatial pattern of solar supergranulation using the bispectrum”, 2020A&A...635A.181B ADS
- Proxauf, B., Gizon, L., Löptien, B., et al., “Exploring the latitude and depth dependence of solar Rossby waves using ring-diagram analysis”, 2020A&A...634A...44P ADS
- Nagashima, K., Birch, A. C., Schou, J., Hindman, B. W., & Gizon, L., “An improved multi-ridge fitting method for ring-diagram helioseismic analysis”, 2020A&A...633A.109N ADS
- Proxauf, B. S. N., Gizon, L., Löptien, B., et al., “On the latitude dependence of Rossby waves in the Sun”, 2019AAS...23431801P ADS
- Norton, A. A., Duvall, T. L., J., Schou, J., et al., “HMI Data Corrected for Scattered Light Compared to Hinode SOT-SP Data”, 2018csc...confE.101N ADS
- Nagashima, K., Birch, A. C., Schou, J., Hindman, B., & Gizon, L., “Towards improved multi-ridge fitting method for ring-diagram analysis”, 2018csc...confE...50N ADS
- Schou, J., “Interactions of waves with solar convection”, 2018csc...confE...47S ADS
- Proxauf, B., Gizon, L., Löptien, B., et al., “On the depth dependence of solar equatorial Rossby waves”, 2018csc...confE...43P ADS
- Schou, J., “Modeling and use of stellar oscillation visibilities”, 2018A&A...617A.111S ADS
- Albert, K., Hirzberger, J., Busse, D., et al., “Autonomous on-board data processing and instrument calibration software for the SO/PHI”, 2018SPIE10707E...00A ADS
- Howe, R., Hill, F., Komm, R., et al., “Signatures of Solar Cycle 25 in Subsurface Zonal Flows”, 2018ApJ...862L...5H ADS
- Schunker, H., Schou, J., Gaulme, P., & Gizon, L., “Fragile Detection of Solar g-Modes by Fossat et al.”, 2018SoPh...293...95S ADS
- Löptien, B., Gizon, L., Birch, A. C., et al., “Global-scale equatorial Rossby waves as an essential component of solar internal dynamics”, 2018NatAs...2...568L ADS
- Hoeksema, J. T., Baldner, C. S., Bush, R. I., Schou, J., & Scherrer, P. H., “On-Orbit Performance of the Helioseismic and Magnetic Imager Instrument on-board the Solar Dynamics Observatory”, 2018SoPh...293...45H ADS
- Larson, T. P. & Schou, J., “Global-Mode Analysis of Full-Disk Data from the Michelson Doppler Imager and the Helioseismic and Magnetic Imager”, 2018SoPh...293...29L ADS
- Löptien, B., Birch, A. C., Duvall, T. L., et al., “Measuring solar active region inflows with local correlation tracking of granulation”, 2017A&A...606A...28L ADS
- Duvall, T. L., Liang, Z.-C., Birch, A., Gizon, L., & Schou, J., “Comparison of acoustic travel-time measurement of solar meridional circulation from SDO/HMI and SOHO/MDI”, 2017SPD...4840103D ADS
- Schou, J., “Interactions of Oscillations with Near Surface Convection”, 2017SPD...4840101S ADS
- Norton, A. A., Duvall, T., Schou, J., Cheung, M., & Scherrer, P. H., “Stray Light Correction of HMI Data”, 2017SPD...4820705N ADS
- Nielsen, M. B., Schunker, H., Gizon, L., Schou, J., & Ball, W. H., “Limits on radial differential rotation in Sun-like stars from parametric fits to oscillation power spectra”, 2017A&A...603A...6N ADS
- Liang, Z.-C., Birch, A. C., Duvall, Thomas L., J., Gizon, L., & Schou, J., “Comparison of acoustic travel-time measurements of solar meridional circulation from SDO/HMI and SOHO/MDI”, 2017A&A...601A...46L ADS
- Löptien, B., Birch, A. C., Gizon, L., et al., “Helioseismology with Solar Orbiter”, in M. J. Thompson, A. S. Brun, J. L. Culhane, L. Gizon, M. Roth, and T. Sekii (Eds.), Helioseismology and Dynamics of the Solar Interior. Series: Space Sciences Series of ISSI, Vol. 48, 257–289 2017hdsi.book...257L ADS
- Hanasoge, S., Miesch, M. S., Roth, M., et al., “Solar Dynamics, Rotation, Convection and Overshoot”, in M. J. Thompson, A. S. Brun, J. L. Culhane, L. Gizon, M. Roth, and T. Sekii (Eds.), Helioseismology and Dynamics of the Solar Interior. Series: Space Sciences Series of ISSI, Vol. 48, 85–105 2017hdsi.book...85H ADS
- Appourchaux, T., Birch, A., Gizon, L. C., et al., “Far side Helioseismology with Solar Orbiter”, 2016AGUFM38...43A2554A ADS
- Larson, T. & Schou, J., “The Effect of Image Apodization on Global Mode Parameters and Rotational Inversions”, 2016usc...confE.127L ADS
- Norton, A. A., Duvall, T. L., Schou, J., Cheung, M. C. M., & Scherrer, P. H., “HMI Data Corrected for Stray Light Now Available”, 2016usc...confE...95N ADS
- Barekat, A., Schou, J., & Gizon, L., “Solar-cycle variation of the rotational shear near the solar surface”, 2016A&A...595A...8B ADS
- Couvidat, S., Schou, J., Hoeksema, J. T., et al., “Observables Processing for the Helioseismic and Magnetic Imager Instrument on the Solar Dynamics Observatory”, 2016SoPh...291.1887C ADS
- Prša, A., Harmanec, P., Torres, G., et al., “Nominal Values for Selected Solar and Planetary Quantities: IAU 2015 Resolution B3”, 2016AJ...152...41P ADS
- Liu, Y., Baldner, C., Bogart, R. S., et al., “On HMI’s Mod-L Sequence: Test and Evaluation”, 2016SPD...47.0810L ADS
- Hoeksema, J. T., Schou, J., Couvidat, S., et al., “The Processing of Observables Made by the HMI Instrument on SDO”, 2016SPD...47.0808H ADS
- Löptien, B., Birch, A. C., Duvall, T. L., Gizon, L., & Schou, J., “The shrinking Sun: A systematic error in local correlation tracking of solar granulation”, 2016A&A...590A.130L ADS
- Löptien, B., Birch, A. C., Duvall, T. L., Gizon, L., & Schou, J., “Data compression for local correlation tracking of solar granulation”, 2016A&A...587A...9L ADS
- Schunker, H., Schou, J., Ball, W. H., Nielsen, M. B., & Gizon, L., “Asteroseismic inversions for radial differential rotation of Sun-like stars: ensemble fits”, 2016A&A...586A...79S ADS
- Schunker, H., Schou, J., & Ball, W. H., “Asteroseismic inversions for radial differential rotation of Sun-like stars: Sensitivity to uncertainties”, 2016A&A...586A...24S ADS
- Löptien, B., Birch, A. C., Gizon, L., et al., “Helioseismology with Solar Orbiter”, 2015SSRv...196...251L ADS
- Hanasoge, S., Miesch, M. S., Roth, M., et al., “Solar Dynamics, Rotation, Convection and Overshoot”, 2015SSRv...196...79H ADS
- Larson, T. P. & Schou, J., “Improved Helioseismic Analysis of Medium- ℓ Data from the Michelson Doppler Imager”, 2015SoPh...290.3221L ADS
- Mamajek, E. E., Prsa, A., Torres, G., et al., “IAU 2015 Resolution B3 on Recommended Nominal Conversion Constants for Selected Solar and Planetary Properties”, 2015arXiv151007674M ADS
- Mamajek, E. E., Torres, G., Prsa, A., et al., “IAU 2015 Resolution B2 on Recommended Zero Points for the Absolute and Apparent Bolometric Magnitude Scales”, 2015arXiv151006262M ADS
- Schou, J., “Effects of granulation on the visibility of solar oscillations”, 2015A&A...580L...11S ADS
- Hill, F., Howe, R., Komm, R., et al., “Temporal evolution of the solar torsional oscillation and implications for cycle 25”, 2015TESS...110502H ADS
- Reiter, J., Rhodes, E. J., J., Kosovichev, A. G., et al., “A Method for the Estimation of p-Mode Parameters from Averaged Solar Oscillation Power Spectra”, 2015ApJ...803...92R ADS
- Rauer, H., Catala, C., Aerts, C., et al., “The PLATO 2.0 mission”, 2014ExA...38...249R ADS
- Löptien, B., Birch, A. C., Gizon, L., & Schou, J., “Image compression in local helioseismology”, 2014A&A...571A...42L ADS
- Barekat, A., Schou, J., & Gizon, L., “The radial gradient of the near-surface shear layer of the Sun”, 2014A&A...570L...12B ADS
- Centeno, R., Schou, J., Hayashi, K., et al., “The Helioseismic and Magnetic Imager (HMI) Vector Magnetic Field Pipeline: Optimization of the Spectral Line Inversion Code”, 2014SoPh...289.3531C ADS

- Hoeksema, J. T., Liu, Y., Hayashi, K., et al., “*The Helioseismic and Magnetic Imager (HMI) Vector Magnetic Field Pipeline: Overview and Performance*”, 2014SoPh. .289.3483H ADS
- Nielsen, M. B., Gizon, L., Schunker, H., & Schou, J., “*VizieR Online Data Catalog: Rotational frequency splitting in Sun-like stars (Nielsen+, 2014)*”, 2014yCat. .35689012N ADS
- Nielsen, M. B., Gizon, L., Schunker, H., & Schou, J., “*Rotational splitting as a function of mode frequency for six Sun-like stars*”, 2014A&A. .568L. .12N ADS
- Saint-Hilaire, P., Schou, J., Martínez Oliveros, J. C., et al., “*Helioseismic and Magnetic Imager Observations of Linear Polarization from a Loop Prominence System*”, 2014AAS. .22412311S ADS
- Saint-Hilaire, P., Schou, J., Martínez Oliveros, J.-C., et al., “*Observations of Linear Polarization in a Solar Coronal Loop Prominence System Observed near 6173 Å*”, 2014ApJ. .786L. .19S ADS
- Deheuvels, S., Dogan, G., Goupil, M. J., et al., “*Seismic constraints on the radial dependence of the internal rotation profiles of six Kepler subgiants and young red giants*”, 2014A&A. .564A. .27D ADS
- Schou, J., “*On the information content of stellar spectra*”, 2014IAUS. .301. .481S ADS
- Ball, W. H., Schou, J., Gizon, L., & Marques, J. P. C., “*Precise and accurate interpolated stellar oscillation frequencies on the main sequence*”, 2014IAUS. .301. .379B ADS
- Martínez Oliveros, J.-C., Krucker, S., Hudson, H. S., et al., “*Chromospheric and Coronal Observations of Solar Flares with the Helioseismic and Magnetic Imager*”, 2014ApJ. .780L. .28M ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., “*The Torsional Oscillation and the Timing of the Solar Cycle: Is it Maximum Yet?*”, 2013ASPC. .478. .303H ADS
- Korzennik, S. G., Eff-Darwich, A., Larson, T. P., Rabello-Soares, M. C., & Schou, J., “*Characterization of High-Degree Modes using MDI, HMI and GONG Data*”, 2013ASPC. .478. .173K ADS
- Basu, S., Broomhall, A. M., Chaplin, W. J., et al., “*Comparing the Internal Structure of the Sun During the Cycle 23 and Cycle 24 Minima*”, 2013ASPC. .478. .161B ADS
- Guzik, J. A., Bradley, P. A., Szabo, R., et al., “*Observing Open Clusters with a Sequence of Ages with Kepler*”, 2013arXiv1310.0772G ADS
- Woodard, M., Schou, J., Birch, A. C., & Larson, T. P., “*Global-Oscillation Eigenfunction Measurements of Solar Meridional Flow*”, 2013SoPh. .287. .129W ADS
- Szabó, R., Molnár, L., Kołaczowski, Z., et al., “*The Kepler-SEP Mission: Harvesting the South Ecliptic Pole large-amplitude variables with Kepler*”, 2013arXiv1309.0741S ADS
- Chaplin, W. J., Kjeldsen, H., Christensen-Dalsgaard, J., et al., “*Kepler White Paper: Asteroseismology of Solar-Like Oscillators in a 2-Wheel Mission*”, 2013arXiv1309.0702C ADS
- Korzennik, S. G., Rabello-Soares, M. C., Schou, J., & Larson, T. P., “*Accurate Characterization of High-degree Modes Using MDI Observations*”, 2013ApJ. .772. .87K ADS
- Norton, A. A., Jones, E. H., Liu, Y., et al., “*How much more can sunspots tell us about the solar dynamo?*”, 2013IAUS. .294. .25N ADS
- Korzennik, S. G., Rabello-Soares, M. C., Schou, J., & Larson, T., “*Accurate characterization of high-degree modes using MDI data*”, 2013JPhCS.440a2016K ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., “*The High-latitude Branch of the Solar Torsional Oscillation in the Rising Phase of Cycle 24*”, 2013ApJ. .767L. .20H ADS
- Baldner, C. S., Basu, S., Bogart, R. S., & Schou, J., “*Progress in Near-Surface Flow Determinations: Minimizing Systematics*”, 2013enss.confE.116B ADS
- Schou, J., Woodard, M. F., Baldner, C. S., & Larson, T. P., “*Using Distortion of Global Mode Eigenfunctions to Estimate Large Scale Flows*”, 2013enss.confE.103S ADS
- Norton, A. A., Duvall, T., Schou, J., & Cheung, M., “*Stray Light Correction for HMI Data*”, 2013enss.confE. .95N ADS
- Couvidat, S., Liu, Y., Scherrer, P. H., Schou, J., & HMI Team, “*Comparison Between Line-Of-Sight Observables And Milne-Eddington Inversion Results From HMI: 24- And 12-hour Period Oscillations*”, 2013enss.confE. .84C ADS
- Balling, P. & Schou, J., “*Femtosecond-laser ablation dynamics of dielectrics: basics and applications for thin films*”, 2013RPPH. .76c6502B ADS
- Pasachoff, J. M., Schneider, G., Babcock, B. A., et al., “*Three 2012 Transits of Venus: From Earth, Jupiter, and Saturn*”, 2013AAS. .22131506P ADS
- Korzennik, S. G., Rabello-Soares, M. C., & Schou, J., “*Erratum: “On the Determination of Michelson Doppler Imager High-degree Mode Frequencies”* (2004, ApJ, 602, 481)”, 2012ApJ. .760. .156K ADS
- Baldner, C. S. & Schou, J., “*Effects of Asymmetric Flows in Solar Convection on Oscillation Modes*”, 2012ApJ. .760L. .1B ADS
- Pasachoff, J. M., Schneider, G., Babcock, B. A., et al., “*The 2012 Transit of Venus for Cytherean Atmospheric Studies and as an Exoplanet Analog*”, 2012DPS. .4450806P ADS
- Deheuvels, S., García, R. A., Chaplin, W. J., et al., “*Seismic Evidence for a Rapidly Rotating Core in a Lower-giant-branch Star Observed with Kepler*”, 2012ApJ. .756. .19D ADS
- Schou, J., Howe, R., & Larson, T. P., “*Helioseismic Measurements of the Torsional Oscillation*”, 2012ASPC. .462. .352S ADS
- Korzennik, S. G., Rabello-Soares, M. C., Schou, J., & Larson, T. P., “*A Determination of High-degree Mode Parameters Based on MDI Observations*”, 2012ASPC. .462. .189K ADS
- Liu, Y., Hoeksema, J. T., Scherrer, P. H., et al., “*Comparison of Line-of-Sight Magnetograms Taken by the Solar Dynamics Observatory/Helioseismic and Magnetic Imager and Solar and Heliospheric Observatory/Michelson Doppler Imager*”, 2012SoPh. .279. .295L ADS
- Martínez Oliveros, J.-C., Hudson, H. S., Hurford, G. J., et al., “*The Height of a White-light Flare and Its Hard X-Ray Sources*”, 2012ApJ. .753L. .26M ADS
- Couvidat, S., Rajaguru, S. P., Wachter, R., et al., “*Line-of-Sight Observables Algorithms for the Helioseismic and Magnetic Imager (HMI) Instrument Tested with Interferometric Bidimensional Spectrometer (IBIS) Observations*”, 2012SoPh. .278. .217C ADS
- Liu, Y., Scherrer, P. H., Hoeksema, J. T., et al., “*A First Look at Magnetic Field Data Products from SDO/HMI*”, 2012ASPC. .455. .337L ADS
- Larson, T. P. & Schou, J., “*Two Years of Global Analysis with HMI*”, 2012AAS. .22020702L ADS
- Baldner, C., Parchevsky, K., Schou, J., Larson, T., & Couvidat, S., “*Viewing Geometry, Line Height-of-Formation, and Helioseismic Measurements*”, 2012AAS. .22020506B ADS
- Schou, J., Woodard, M. F., & Larson, T. P., “*Meridional Circulation From Normal Mode Analysis*”, 2012AAS. .22020505S ADS
- Hudson, H. S., Martínez-Oliveros, J., Krucker, S., et al., “*Direct Measurement Of The Height Of A White-light Flare*”, 2012AAS. .22020441H ADS
- Desai, P., Bogart, R., Couvidat, S., & Schou, J., “*Using HMI To Study Photospheric Footpoint Motions In X-class Flares*”, 2012AAS. .22020418D ADS
- Hill, F., Howe, R., Schou, J., et al., “*Latest Results on the Torsional Oscillation and Solar Cycle 25*”, 2012AAS. .22012302H ADS
- Schou, J., Borrero, J. M., Norton, A. A., et al., “*Polarization Calibration of the Helioseismic and Magnetic Imager (HMI) onboard the Solar Dynamics Observatory (SDO)*”, 2012SoPh. .275. .327S ADS
- Couvidat, S., Schou, J., Shine, R. A., et al., “*Wavelength Dependence of the Helioseismic and Magnetic Imager (HMI) Instrument onboard the Solar Dynamics Observatory (SDO)*”, 2012SoPh. .275. .285C ADS
- Wachter, R., Schou, J., Rabello-Soares, M. C., et al., “*Image Quality of the Helioseismic and Magnetic Imager (HMI) Onboard the Solar Dynamics Observatory (SDO)*”, 2012SoPh. .275. .261W ADS
- Schou, J., Scherrer, P. H., Bush, R. I., et al., “*Design and Ground Calibration of the Helioseismic and Magnetic Imager (HMI) Instrument on the Solar Dynamics Observatory (SDO)*”, 2012SoPh. .275. .229S ADS
- Scherrer, P. H., Schou, J., Bush, R. I., et al., “*The Helioseismic and Magnetic Imager (HMI) Investigation for the Solar Dynamics Observatory (SDO)*”, 2012SoPh. .275. .207S ADS
- Centeno, R., Barnes, G., Borrero, J., et al., “*HMI vector magnetic field products: the long-awaited release has come! Now what?*”, 2011AGUFM31A1985C ADS
- Korzennik, S. G., Rabello-Soares, M. C., Schou, J., & Larson, T., “*A determination of high degree mode parameters based on MDI observations*”, 2011sdmi.confE. .88K ADS
- Schou, J., Woodard, M. F., Birch, A. C., & Larson, T. P., “*Measuring Meridional Flow Using Global Modes*”, 2011sdmi.confE. .71S ADS
- Larson, T. P., Schou, J., & Korzennik, S. G., “*Comparing Leakage Matrices*”, 2011sdmi.confE. .44L ADS
- Norton, A. A., Schou, J., Liu, Y., & Hoeksema, J. T., “*Sunspot Groups Simultaneously Observed with HMI and MDI*”, 2011sdmi.confE. .42N ADS
- Desai, P., Bogart, R., Couvidat, S., & Schou, J., “*Photospheric signatures of Solar Flares*”, 2011sdmi.confE. .32D ADS
- Borrero, J. M., Tomczyk, S., Kubo, M., et al., “*VFISV: Very Fast Inversion of the Stokes Vector for the Helioseismic and Magnetic Imager*”, 2011SoPh. .273. .267B ADS
- Gopalswamy, N., Davila, J. M., Auchère, F., et al., “*Earth-Affecting Solar Causes Observatory (EASCO): a mission at the Sun-Earth L5*”, 2011SPIE.8148E. .02G ADS
- Rhodes, E. J., Reiter, J., Schou, J., et al., “*Temporal changes in the frequencies of the solar p-mode oscillations during solar cycle 23*”, 2011IAUS. .273. .389R ADS
- Martínez Oliveros, J., Hudson, H., Krucker, S., Schou, J., & Couvidat, S., “*The Height of White-light Flare Continuum Formation*”, 2011SPD. .42.2211M ADS

- Martínez Oliveros, J. C., Lindsey, C., Hudson, H., Schou, J., & Couvidat, S., “Transient Artifacts in SDO/HMI Flare Observations”, 2011SPD...42.2123M ADS
- Hill, F., Howe, R., Komm, R., et al., “Large-scale Zonal Flows During the Solar Minimum – Where Is Cycle 25?”, 2011SPD...42.1610H ADS
- Larson, T. P., Schou, J., Rhodes, E. J., Spinella, A., & Irish, S., “Medium-l Global Helioseismology with MWO Dopplergrams”, 2011SPD...42.1609L ADS
- Rabello-Soares, M. C., Bogart, R., Korzennik, S., et al., “A Comparison Of Solar High-degree p-mode Parameters From HMI And MDI”, 2011SPD...42.1606R ADS
- Schou, J. & Larson, T. P., “Extending Global Helioseismic Measurements From MDI to HMI”, 2011SPD...42.1605S ADS
- Martínez Oliveros, J. C., Couvidat, S., Schou, J., et al., “Imaging Spectroscopy of a White-Light Solar Flare”, 2011SoPh...269..269M ADS
- Centeno, R., Tomczyk, S., Borrero, J. M., et al., “HMI: First Results”, 2011ASPC...437..147C ADS
- Howe, R., Komm, R., Hill, F., et al., “Rotation-rate variations at the tachocline: An update”, 2011JPhCS.271a2075H ADS
- Howe, R., Hill, F., Komm, R., et al., “The torsional oscillation and the new solar cycle”, 2011JPhCS.271a2074H ADS
- Larson, T. P. & Schou, J., “HMI global helioseismology data analysis pipeline”, 2011JPhCS.271a2062L ADS
- Howe, R., Larson, T. P., Schou, J., et al., “First Global Rotation Inversions of HMI Data”, 2011JPhCS.271a2061H ADS
- Rhodes, E. J., J., Reiter, J., Schou, J., et al., “Temporal changes in the frequencies and widths of the solar p-mode oscillations”, 2011JPhCS.271a2029R ADS
- Lee, S., Beck, J. G., Schou, J., & Stanford Solar Observatories Group, “Wavelike Properties of Supergranulation”, 2010AGUFMSH11A1606L ADS
- Metcalf, T. S., Monteiro, M. J. P. F. G., Thompson, M. J., et al., “A Precise Asteroseismic Age and Radius for the Evolved Sun-like Star KIC 11026764”, 2010ApJ...723.1583M ADS
- Larson, T. P. & Schou, J., “HMI Global Helioseismology Data Analysis Pipeline”, 2010AAS...21640205L ADS
- Larson, T. P. & Schou, J., “Improving Leakage Matrix Calculation”, 2010AAS...21640010L ADS
- Schou, J. & HMI Team, “First Data From the Helioseismic and Magnetic Imager”, 2010AAS...21630801S ADS
- Chaplin, W. J., Appourchaux, T., Elsworth, Y., et al., “The Asteroseismic Potential of Kepler: First Results for Solar-Type Stars”, 2010ApJ...713L.169C ADS
- Larson, T. P. & Schou, J., “Variations in Global Mode Analysis”, 2009ASPC...416..311L ADS
- Vorontsov, S. V., Jefferies, S. M., Giebink, C., & Schou, J., “Toward Eliminating Systematic Errors in Intermediate-Degree p-Mode Measurements”, 2009ASPC...416..301V ADS
- Howe, R., Komm, R., Hill, F., et al., “The Torsional Oscillation and the Solar Cycle: Is it Minimum Yet?”, 2009ASPC...416..269H ADS
- Howe, R., Hill, F., Komm, R., et al., “The internal dynamics and magnetism of the sun – the perspective from global helioseismology (Invited)”, 2009AGUFMSH11B..04H ADS
- Howe, R., Hill, F., Komm, R., et al., “The Torsional Oscillation and the Solar Minimum”, 2009AGUFM.U34A..03H ADS
- Wachter, R. & Schou, J., “Inferring Small-Scale Flatfields from Solar Rotation”, 2009SoPh...258..331W ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., “A Note on the Torsional Oscillation at Solar Minimum”, 2009ApJ...701L..87H ADS
- Hoeksema, J. T., Liu, Y., Schou, J., Scherrer, P., & HMI Science Team, “The HMI Magnetic Field Pipeline”, 2009SPD...40.1701H ADS
- Larson, T. P. & Schou, J., “Exploring Data Discrepancies in Global Mode Analysis”, 2009SPD...40.0717L ADS
- Schou, J., Woodard, M. F., & Birch, A. C., “Large Scale Flows From Eigenfunction Fitting”, 2009SPD...40.0705S ADS
- Giampapa, M. S., Aerts, C., Bedding, T., et al., “Asteroseismology: The Next Frontier in Stellar Astrophysics”, 2009astro2010S..91G ADS
- Larson, T. P. & Schou, J., “Improvements in global mode analysis”, 2008JPhCS.118a2083L ADS
- Korzennik, S. G., Rabello-Soares, M. C., & Schou, J., “High degree modes & instrumental effects”, 2008JPhCS.118a2027K ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., “Analysis of MDI High-Degree Mode Frequencies and their Rotational Splittings”, 2008SoPh...251..197R ADS
- Schou, J. & Team, H., “Helioseismic and Magnetic Imager Calibration and Expected Performance”, 2008AGUSMSP51B..14S ADS
- Howe, R., Komm, R. W., Hill, F., Schou, J., & Thompson, M. J., “Views of the Solar Torsional Oscillation”, 2008AGUSMSP41A..05H ADS
- Rabello-Soares, M., Korzennik, S., & Schou, J., “Analysis of MDI high-degree solar-p mode parameters”, 2008AGUSMSP21A..03R ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., “Variations of the solar acoustic high-degree mode frequencies over solar cycle 23”, 2008AdSpR...41..861R ADS
- Schou, J. & HMI Calibration Team, “Helioseismic and Magnetic Imager Calibration Status”, 2007AAS...210.2416S ADS
- Howe, R., Komm, R. W., Hill, F., et al., “Solar Cycle Changes Over 11 Years of Medium-Degree Helioseismic Observations”, 2007AAS...210.2218H ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., “High-degree Mode Frequencies Using Global Helioseismology Analysis Of MDI Observations And Their Variation With Solar Cycle.”, 2007AAS...210.2215R ADS
- Larson, T. P. & Schou, J., “Reduction of Systematic Errors in Global Mode Analysis”, 2007AAS...210.2202L ADS
- Borrero, J. M., Tomczyk, S., Norton, A., et al., “Magnetic Field Vector Retrieval With the Helioseismic and Magnetic Imager”, 2007SoPh...240..177B ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., “Temporal variations in solar rotation at the bottom of the convection zone: The current status”, 2007AdSpR...40..915H ADS
- Norton, A. A., Graham, J. P., Ulrich, R. K., et al., “Spectral Line Selection for HMI: A Comparison of Fe I 6173 Å and Ni I 6768 Å”, 2006SoPh...239..69N ADS
- Norton, A. A., Pietarila Graham, J. D., Ulrich, R. K., et al., “Spectral Line Selection for HMI”, 2006ASPC...358..193N ADS
- Borrero, J. M., Tomczyk, S., Norton, A. A., et al., “Magnetic Field Vector Retrieval with HMI”, 2006ASPC...358..144B ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., “High-degree mode frequencies: changes with solar cycle”, 2006ESASP.624E..71R ADS
- Howe, R., Bogart, R., Christensen-Dalsgaard, J., et al., “Solar rotation and zonal flows from Mount Wilson 60 ft tower data”, 2006ESASP.624E..56H ADS
- Fletcher, S. T., Chaplin, W. J., Elsworth, Y., Schou, J., & Buzasi, D., “Frequency, splitting, linewidth and amplitude estimates of low-l p modes of alpha Cen A: analysis of WIRE photometry”, 2006ESASP.624E..27F ADS
- Howe, R., Rempel, M., Christensen-Dalsgaard, J., et al., “Solar Convection Zone Dynamics: How Sensitive Are Inversions to Subtle Dynamo Features?”, 2006ApJ...649.1155H ADS
- Fletcher, S. T., Chaplin, W. J., Elsworth, Y., Schou, J., & Buzasi, D., “Frequency, splitting, linewidth and amplitude estimates of low-l p modes of alpha Cen A: analysis of Wide-Field Infrared Explorer photometry”, 2006MNRAS.371..935F ADS
- Hanasoge, S. M., Larsen, R. M., Duvall, T. L., J., et al., “Computational Acoustics in Spherical Geometry: Steps toward Validating Helioseismology”, 2006ApJ...648.1268H ADS
- Wachter, R., Schou, J., & Sankarasubramanian, K., “Line Shape Changes and Doppler Measurements in Solar Active Regions. I. A Method for Correcting Dopplergrams from SOHO MDI”, 2006ApJ...648.1256W ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., “The determination of global high-degree solar p-mode parameters: challenges and new results”, 2006IAUJD...17E..7R ADS
- Schou, J. & HMI Team, “Helioseismic and Magnetic Imager Calibration Status”, 2006SPD...37.0606S ADS
- Korzennik, S. G., Rabello-Soares, M. C., & Schou, J., “Changes Of The Solar Acoustic High-degree Mode Frequencies Over The Solar Cycle”, 2006SPD...37.0508K ADS
- Howe, R., Komm, R., Hill, F., et al., “Large-Scale Zonal Flows Near the Solar Surface”, 2006SoPh...235...1H ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., “Variations of the solar acoustic high-degree mode parameters over solar cycle 23”, 2006cosp...36.2668R ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., “Solar Convection-Zone Dynamics, 1995-2004”, 2005ApJ...634.1405H ADS
- Howe, R., Rempel, M., Christensen-Dalsgaard, J., et al., “How Sensitive are Rotation Inversions to Subtle Features of the Dynamo?”, 2005ASPC...346..99H ADS
- Howe, R., Komm, R. W., Haber, D. A., et al., “Global, Local and Surface Measurements of Large-Scale Zonal Flows Near the Solar Surface”, 2005AGUSMSP32A..03H ADS
- Wachter, R., Schou, J., Kosovichev, A. G., & Rajaguru, P., “Systematic errors in Dopplergrams of active regions”, 2005AGUSMSP13A..07W ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., “New Steps Towards the Unbiased Characterization of High-Degree Mode Frequencies”, 2005AGUSMSP11B..08R ADS
- Larsen, R. M., Bogart, R. S., Scherrer, P. H., Schou, J., & Tian, K. Q., “Designing Data Services for the SDO AIA/HMI Joint Science Operations Center”, 2005AGUSMSP51B..04L ADS
- Bedding, T. R., Kjeldsen, H., Bouchy, F., et al., “The non-detection of oscillations in Procyon by MOST: Is it really a surprise?”, 2005A&A...432L..43B ADS

- Schou, J., "Helio- and Asteroseismic Analysis Methods", 2005HiA...13..415S ADS
- Howe, R., Komm, R. W., Hill, F., et al., "The Phase of the Torsional Oscillation Pattern", 2004ESASP.559..476H ADS
- Howe, R., Komm, R. W., Hill, F., et al., "Convection-Zone Dynamics from GONG and MDI, 1995-2004", 2004ESASP.559..472H ADS
- Howe, R., Rempel, M., Christensen-Dalsgaard, J., et al., "How Sensitive are Rotation Inversions to Subtle Features of the Dynamo?", 2004ESASP.559..468H ADS
- Schou, J., "Low Frequency Modes", 2004ESASP.559..134S ADS
- Reiter, J., Rhodes, E. J., Kosovichev, A. G., & Schou, J., "The Current Status of Analyzing High-Degree Modes", 2004ESASP.559..61R ADS
- Korzennik, S. G., Rabello-Soares, M. C., & Schou, J., "On the Determination of Michelson Doppler Imager High-Degree Mode Frequencies", 2004ApJ...602..481K ADS
- Schou, J., "SOHO MDI CCD performance", 2004ESASP.538..411S ADS
- Schou, J., "Wave-like Properties of Solar Supergranulation Detected in Doppler Shift Data", 2003ApJ...596L.259S ADS
- Basu, S., Christensen-Dalsgaard, J., Howe, R., et al., "A Comparison of Solar p-Mode Parameters from MDI and GONG: Mode Frequencies and Structure Inversions", 2003ApJ...591..432B ADS
- Schou, J., "Time Variations of Meridional and Zonal Flows", 2003SPD...34.2603S ADS
- Bogart, R. S., Schou, J., Basu, S., et al., "The LoHCo Project. I – Comparison of Ring-Diagram Local Helioseismicology on GONG++, MDI and Mt. Wilson Data Sets", 2003SPD...34.0804B ADS
- Wachter, R., Schou, J., Kosovichev, A. G., & Scherrer, P. H., "Optimal Masks for Solar g-Mode Detection", 2003ApJ...588.1199W ADS
- Gizon, L., Duvall, T. L., & Schou, J., "erratum: Wave-like properties of solar supergranulation", 2003Natur.421..764G ADS
- Toomre, J., Christensen-Dalsgaard, J., Hill, F., et al., "Transient oscillations near the solar tachocline", 2003ESASP.517..409T ADS
- Schou, J., "Supergranular waves observed using MDI surface Doppler shift data", 2003ESASP.517..381S ADS
- Reiter, J., Kosovichev, A. G., Rhodes, E. J., & Schou, J., "Accurate measurements of SOI/MDI high-degree frequencies and frequency splittings", 2003ESASP.517..369R ADS
- Rhodes, E. J., J., Reiter, J., & Schou, J., "High-degree p-modes and the sun's evolving surface", 2003ESASP.517..173R ADS
- Korzennik, S. G., Rabello-Soares, C., & Schou, J., "On the characterization of high-degree modes: a lesson from MDI", 2003ESASP.517..145K ADS
- Schou, J., "Helioseismic data analysis", in M. J. Thompson and J. Christensen-Dalsgaard (Eds.), Stellar Astrophysical Fluid Dynamics, 247–262 2003safd.book..247S ADS
- Gizon, L., Duvall, T. L., & Schou, J., "Wave-like properties of solar supergranulation", 2003Natur.421..43G ADS
- Schou, J., "Helio- and Asteroseismic Analysis Methods", 2003IAUJD...12E..34S ADS
- Bush, R., Scherrer, P., Schou, J., et al., "Vector Magnetic Field Measurement Capability of the Helioseismic and Magnetic Imager on SDO", 2002AGUFM5H52A0464B ADS
- Schou, J., "Solar Supergranulation Waves Detected in Surface Doppler Shift", 2002astro.ph..8387S ADS
- Wachter, R., Schou, J., Kosovichev, A., & Scherrer, P. H., "Optimal masks for g-mode detection in MDI velocity data", 2002ESASP.508..115W ADS
- Vorontsov, S. V., Christensen-Dalsgaard, J., Schou, J., Strakhov, V. N., & Thompson, M. J., "Solar internal rotation as seen from SOHO MIDI data", 2002ESASP.508..111V ADS
- Schou, J., "Solar g modes?", 2002ESASP.508..99S ADS
- Reiter, J., Rhodes, E. J., J., Kosovichev, A. G., Schou, J., & Scherrer, P. H., "A new method for measuring frequencies and splittings of high-degree modes", 2002ESASP.508..91R ADS
- Reiter, J., Rhodes, E. J., J., Kosovichev, A. G., Schou, J., & Scherrer, P. H., "Effect of line asymmetry on determination of high-degree mode frequencies", 2002ESASP.508..87R ADS
- Rhodes, E. J., J., Reiter, J., & Schou, J., "Solar cycle variability of high-frequency and high-degree p-mode oscillation frequencies", 2002ESASP.508..37R ADS
- Rhodes, E. J., Reiter, J., & Schou, J., "Solar Cycle Variability of High-Frequency and High-Degree p-Mode Oscillation Frequencies", 2002AAS...200.0420R ADS
- Wachter, R., Schou, J., Kosovichev, A., Scherrer, P. H., & Phoebus Team, "Optimal masks for g-mode detection in MDI velocity data", 2002AAS...200.0412W ADS
- Schou, J. & Bogart, R. S., "Reduction of Systematic Errors in MDI Measurements", 2002AAS...200.0411S ADS
- Vorontsov, S. V., Christensen-Dalsgaard, J., Schou, J., Strakhov, V. N., & Thompson, M. J., "Helioseismic Measurement of Solar Torsional Oscillations", 2002Sci...296..101V ADS
- Schou, J., Howe, R., Basu, S., et al., "A Comparison of Solar p-Mode Parameters from the Michelson Doppler Imager and the Global Oscillation Network Group: Splitting Coefficients and Rotation Inversions", 2002ApJ...567.1234S ADS
- Buzasi, D. L., Kreidl, T. J., Schou, J., et al., "Asteroseismology of the roAp Star α Cen Using the WIRE Star Camera", 2001AAS...19913311B ADS
- Antia, H. M., Basu, S., Hill, F., et al., "Solar-cycle variation of the sound-speed asphericity from GONG and MDI data 1995-2000", 2001MNRAS.327.1029A ADS
- Rhodes, Edward J., J., Reiter, J., Schou, J., Kosovichev, A. G., & Scherrer, P. H., "Observed and Predicted Ratios of the Horizontal and Vertical Components of the Solar p-Mode Velocity Eigenfunctions", 2001ApJ...561.1127R ADS
- Dziembowski, W. A., Goode, P. R., & Schou, J., "Does the Sun Shrink with Increasing Magnetic Activity?", 2001ApJ...553..897D ADS
- Schou, J. & Rabello-Soares, M. C., "An Investigation of Systematic Errors in MDI Mode Parameters", 2001AGUM...SP31A24S ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., "Variations in Rotation Rate Within the Solar Convection Zone From GONG and MDI 1995-2000", 2001AGUM...SP31A15H ADS
- Howe, R., Komm, R. W., Hill, F., et al., "Comparing Global Solar Rotation Results from MDI and GONG", 2001AGUM...SP31A14H ADS
- Basu, S., Bogart, R. S., Schou, J., & Antia, H. M., "High Resolution Analysis of the Upper Convection Zone", 2001AGUM...SP31A02B ADS
- Rhodes, E. J., Reiter, J., Schou, J., Kosovichev, A. G., & Scherrer, P. H., "Challenges in High-Degree Helioseismology", 2001AGUM...SP21C06R ADS
- Bogart, R. S., Schou, J., Basu, S., et al., "Spatially-resolved Analysis of the the Upper Convection Zone", 2001IAUS...203..183B ADS
- Howe, R., Hill, F., Komm, R. W., et al., "Interior Solar-Cycle Changes Detected by Helioseismology", 2001IAUS...203..40H ADS
- Schou, J., "A New Class of Solar Oscillation Measurements", 2001IAUS...203..21S ADS
- Schou, J. & Beck, J. G., "Supergranulation rotation", 2001ESASP.464..677S ADS
- Vorontsov, S. V., Christensen-Dalsgaard, J., Schou, J., Strakhov, V. N., & Thompson, M. J., "Inversion for the solar internal rotation with an adaptive regularization technique", 2001ESASP.464..559V ADS
- Monteiro, M. J. P. F. G., Christensen-Dalsgaard, J., Schou, J., & Thompson, M. J., "On the signature of the solar activity at the base of the convective envelope", 2001ESASP.464..535M ADS
- Schou, J. & Buzasi, D. L., "Observations of p-modes in α Cen", 2001ESASP.464..391S ADS
- Howe, R., Hill, F., Basu, S., et al., "Comparing mode frequencies from MDI and GONG", 2001ESASP.464..137H ADS
- Rabello-Soares, M. C., Korzennik, S. G., & Schou, J., "The determination of MDI high-degree mode frequencies", 2001ESASP.464..129R ADS
- Antia, H. M., Basu, S., Hill, F., et al., "Studying asphericity in the solar sound speed from MDI and GONG data", 2001ESASP.464..45A ADS
- Antia, H. M., Basu, S., Pintar, J., & Schou, J., "How correlated are f-mode frequencies with solar activity?", 2001ESASP.464..27A ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., "Solar cycle changes in convection zone dynamics from MDI and GONG 1995 - 2000", 2001ESASP.464..19H ADS
- Schou, J. & Buzasi, D. L., "Observations of p-modes in α Cen", 2000AAS...197.4604S ADS
- Baragiola, R. A., Bahr, D. A., Schou, J., Shi, M., & Vidal, R. A., "Irradiation induced decomposition of the surface of icy satellites and generation of oxidizing atmospheres", 2000DPS...32.3408B ADS
- Dziembowski, W. A., Goode, P. R., Kosovichev, A. G., & Schou, J., "Signatures of the Rise of Cycle 23", 2000ApJ...537.1026D ADS
- Schou, J., "Seismology of the Sun and Other Stars", 2000SPD...31.0501S ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., "Solar-Cycle Changes in Convection-Zone Dynamics from SOI and GONG Data", 2000SPD...31.0113H ADS
- Schou, J., Antia, H. M., Basu, S., et al., "Studying Asphericity in the Solar Sound Speed from MDI and GONG Data 1995-1999", 2000SPD...31.0111S ADS
- Schou, J., Scherrer, P. H., Bogart, R. S., et al., "US Mission of Opportunity on MONS", 2000mons.proc..123S ADS
- Beck, J. G. & Schou, J., "Supergranulation rotation", 2000SoPh...193..333B ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., "Deeply Penetrating Banded Zonal Flows in the Solar Convection Zone", 2000ApJ...533L.163H ADS
- Basu, S. & Schou, J., "Does the tachocline show solar cycle related changes?", 2000SoPh...192..481B ADS
- Toomre, J., Christensen-Dalsgaard, J., Howe, R., et al., "Time Variability of Rotation in Solar Convection Zone From soi-mdi", 2000SoPh...192..437T ADS

- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., "Dynamic Variations at the Base of the Solar Convection Zone", 2000Sci...287.2456H ADS
- Charbonneau, P., Christensen-Dalsgaard, J., Henning, R., et al., "Helioseismic Constraints on the Structure of the Solar Tachocline", 1999ApJ...527..445C ADS
- Howe, R., Christensen-Dalsgaard, J., Hill, F., et al., "Helioseismic detection of temporal variations of solar rotation rate near the base of the convection zone", 1999AAS...19510702H ADS
- Schou, J., Bogart, R. S., Bush, R. I., et al., "Stellar and Planetary Explorer (SPEX)", 1999AAS...195.8808S ADS
- Schou, J., "Migration of Zonal Flows Detected Using Michelson Doppler Imager F-Mode Frequency Splittings", 1999ApJ...523L.181S ADS
- Chaplin, W. J., Christensen-Dalsgaard, J., Elsworth, Y., et al., "Rotation of the solar core from BiSON and LOWL frequency observations", 1999MNRAS.308..405C ADS
- Bogart, R. S., Beck, J. G., Bush, R. I., & Schou, J., "Supergranules and Photospheric Motions Near the Solar Poles", 1999AAS...194.9303B ADS
- Bush, R. I., Beck, J. G., Bogart, R. S., et al., "The SOI-MDI Dynamics Program: Observing the Solar Cycle", 1999AAS...194.9205B ADS
- Schou, J., "Zonal Flows from the MDI Medium-L Data", 1999AAS...194.5612S ADS
- Haber, D. A., Hindman, B. W., Toomre, J., et al., "Daily Variations and Average Structure of Solar Shear Flows Deduced from Helioseismic Dense-Pack Samplings of Ring Diagrams", 1999AAS...194.5611H ADS
- Larsen, R. M., Kosovichev, A. G., & Schou, J., "A New Technique for Inversion of Helioseismic Data", 1999AAS...194.5604L ADS
- Rhodes, E. J., J., Reiter, J., Kosovichev, A. G., Schou, J., & Scherrer, P. H., "Solar Internal Rotation as Measured by the SOHO SOI/MDI Full-Disk Program", 1999AAS...194.5602R ADS
- Toomre, J., Christensen-Dalsgaard, J., Howe, R., et al., "Time-Variability of the Inferred Rotation in the Upper Convection Zone", 1999soho...9E..87T ADS
- Schou, J., "Changes in the Near Surface Rotation Rate Observed by MDI", 1999soho...9E..80S ADS
- Larsen, R. M., Kosovichev, A. G., & Schou, J., "Helioseismic Studies of the Solar Tachocline", 1999soho...9E..69L ADS
- Haber, D. A., Hindman, B. W., Toomre, J., et al., "Solar Shear Flows Deduced From Helioseismic Dense-Pack Samplings of Ring Diagrams", 1999soho...9E..62H ADS
- Bogart, R. S., Schou, J., Haber, D. A., et al., "Changes in High-Degree Oscillation Frequencies from 1996 to 1999 Determined from Ring-Diagram Analysis", 1999soho...9E..45B ADS
- Beck, J. G. & Schou, J., "Supergranule Rotation: Too Fast For Convective Cells?", 1999soho...9E..40B ADS
- Basu, S. & Schou, J., "Does the Tachocline Show Solar Cycle Related Changes?", 1999soho...9E..36B ADS
- Dziembowski, W. A., Goode, P. R., di Mauro, M. P., Kosovichev, A. G., & Schou, J., "Solar Cycle Onset Seen in SOHO Michelson Doppler Imager Seismic Data", 1998ApJ...509..456D ADS
- Schou, J., Antia, H. M., Basu, S., et al., "Helioseismic Studies of Differential Rotation in the Solar Envelope by the Solar Oscillations Investigation Using the Michelson Doppler Imager", 1998ApJ...505..390S ADS
- Schou, J. & Bogart, R. S., "Flows and Horizontal Displacements from Ring Diagrams", 1998ApJ...504L.131S ADS
- Rhodes, E. J., J., Reiter, J., Kosovichev, A. G., Schou, J., & Scherrer, P. H., "Initial High-Degree p-Mode Frequencies and Rotational Frequency Splittings from the SOHO SOI/MDI Experiment", 1998AAS...192.1901R ADS
- Charbonneau, P., Tomczyk, S., Schou, J., & Thompson, M. J., "The Rotation of the Solar Core Inferred by Genetic Forward Modeling", 1998ApJ...496.1015C ADS
- Nigam, R., Kosovichev, A. G., Scherrer, P. H., & Schou, J., "Asymmetry in Velocity and Intensity Helioseismic Spectra: A Solution to a Long-standing Puzzle", 1998ApJ...495L.115N ADS
- Kosovichev, A. G., Schou, J., Scherrer, P. H., et al., "Spherical and aspherical structure of the sun: First year of SOHO/MDI observations", 1998IAUS...185..157K ADS
- Schou, J. & SOE Internal Rotation Team, "Solar Internal Rotation", 1998IAUS...185..141S ADS
- Goode, P. R., Dziembowski, W. A., DiMauro, M. P., Kosovichev, A. G., & Schou, J., "Solar Asymmetries from SOHO/MDI Splitting Data", 1998ESASP.418..887G ADS
- Dziembowski, W. A., Goode, P. R., Di Mauro, M. P., Kosovichev, A. G., & Schou, J., "Solar Asymmetries from SOHO/MDI Splitting Data", 1998ESASP.418..887D ADS
- Schou, J., Christensen-Dalsgaard, J., Howe, R., et al., "Slow Poles and Shear-ing Flows from Heliospheric Observations with MDI and GONG Spanning a Year", 1998ESASP.418..845S ADS
- Larsen, R. M., Christensen-Dalsgaard, J., Kosovichev, A. G., & Schou, J., "Improved SOLA Inversions of MDI Data", 1998ESASP.418..813L ADS
- Howe, R., Antia, H., Basu, S., et al., "The SOI-MDI High-Latitude Jet: the Evidence For and Against", 1998ESASP.418..803H ADS
- Haber, D., Hindman, B., Toomre, J., et al., "Subphotospheric Convective Flows Determined by Ring-Diagram Analyses of SOI-MDI Observations", 1998ESASP.418..791H ADS
- Rosenthal, C. S., Christensen-Dalsgaard, J., Kosovichev, A. G., et al., "Tests of Convective Frequency Effects with SOI/MDI High-Degree Data", 1998ESASP.418..521R ADS
- Schou, J., Scherrer, P. H., Brown, T. M., et al., "The Stellar and Planetary Explorer (SPEX) Mission", 1998ESASP.418..401S ADS
- Schou, J., "How Low Can We Get: The Quest for Ever Lower Frequencies", 1998ESASP.418..341S ADS
- Rhodes, E. J., J., Reiter, J., Kosovichev, A. G., et al., "The Comparison of Simultaneous SOI/MDI and Mt. Wilson 60-foot Tower Power Spectra and p-Mode Parameters", 1998ESASP.418..311R ADS
- Komm, R. W., Anderson, E., Hill, F., et al., "Comparison of SOHO-SOI/MDI and GONG Spectra", 1998ESASP.418..253K ADS
- Rhodes, E. J., J., Reiter, J., Kosovichev, A. G., Schou, J., & Scherrer, P. H., "Initial SOI/MDI High-Degree Frequencies and Frequency Splittings", 1998ESASP.418...73R ADS
- Schou, J., "Observations of Medium- and High-Degree Modes: Methods and Sand-Traps", 1998ESASP.418...47S ADS
- Basu, S., Christensen-Dalsgaard, J., Chaplin, W. J., et al., "Solar internal sound speed as inferred from combined BiSON and LOWL oscillation frequencies", 1997MNRAS.292..243B ADS
- Kosovichev, A. G., Nigam, R., Scherrer, P. H., et al., "Probing the Internal Structure of the Sun with the SOHO Michelson Doppler Imager", 1997AAS...191.7311K ADS
- Scherrer, P. H., Schou, J., Bogart, R. S., et al., "Rotation and Zonal Flows in the Solar Envelope from the SOHO/MDI Observations", 1997AAS...191.7310S ADS
- Schou, J., Kosovichev, A. G., Goode, P. R., & Dziembowski, W. A., "Determination of the Sun's Seismic Radius from the SOHO Michelson Doppler Imager", 1997ApJ...489L.197S ADS
- Rhodes, E. J., J., Kosovichev, A. G., Schou, J., Scherrer, P. H., & Reiter, J., "Measurements of Frequencies of Solar Oscillations from the MDI Medium-L Program", 1997SoPh...175..287R ADS
- Corbard, T., Berthomieu, G., Morel, P., et al., "Solar internal rotation from LOWL data. A 2D regularized least-squares inversion using B-splines.", 1997A&A...324..298C ADS
- Dziembowski, W. A., Philip, R. G., Schou, J., & Tomczyk, S., "Helioseismic measure of solar activity-meaning and applications.", 1997A&A...323..231D ADS
- Kosovichev, A. G. & Schou, J., "Detection of Zonal Shear Flows beneath the Sun's Surface from f-Mode Frequency Splitting", 1997ApJ...482L.207K ADS
- Nigam, R., Kosovichev, A. G., Scherrer, P. H., & Schou, J., "Analysis of Velocity and Intensity Helioseismic Spectra from SOHO/MDI", 1997SPD...28.0904N ADS
- Schou, J., "Solar Internal Rotation From SOHO and Ground Based Helioseismology Experiments", 1997SPD...28.0903S ADS
- Rhodes, E. J., J., Appourchaux, T., Bachmann, K., et al., "The Effects of Systematic Errors in the Estimation of p-Mode Frequencies on the Inversion of Solar Internal Structure", 1997SPD...28.0901R ADS
- Scherrer, P., Bogart, R., Bush, R., et al., "Performance of the Michelson Doppler Imager Instrument on SOHO", 1997SPD...28.0207S ADS
- Schou, J., "On the Importance of Various Sources of Systematic Errors in Helioseismic Measurements", 1997SPD...28.0205S ADS
- Haber, D., Toomre, J., Bogart, R., et al., "Persistence of Large-Scale Flows Beneath Quiet Sun: Local-Area Analysis Using MDI Doppler Data", 1997SPD...28.0201H ADS
- Schou, J., "Results from the MDI Instrument", 1997AAS...190.0402S ADS
- Duvall, T. L., J., Kosovichev, A. G., Scherrer, P. H., et al., "Time-Distance Helioseismology with the MDI Instrument: Initial Results", 1997SoPh...170...63D ADS
- Kosovichev, A. G., Schou, J., Scherrer, P. H., et al., "Structure and Rotation of the Solar Interior: Initial Results from the MDI Medium-L Program", 1997SoPh...170...43K ADS
- Kosovichev, A. G., Schou, J., Scherrer, P. H., et al., "Internal structure and rotation of the Sun: First results from MDI data", 1997IAUS...181..203K ADS
- Rhodes, E. J., J., Kosovichev, A. G., Scherrer, P. H., Schou, J., & Reiter, J., "Frequencies of solar oscillations and the seismic structure of the Sun from SOHO/MDI.", 1997AGAb...13..163R ADS
- Scherrer, P. H., Bogart, R. S., Bush, R. I., et al., "New Views of the Sun's Interior from the SOHO/MDI Space Experiment", 1996AAS...189.1803S ADS
- Schou, J., Tomczyk, S., & Thompson, M. J., "Results from the LOWL instrument", 1996BASI...24..375S ADS

- Tomczyk, S., Schou, J., & Thompson, M. J., "Low-degree frequency splitting measurements and the rotation rate of the solar core", 1996BASI...24..245T [ADS](#)
- Basu, S., Christensen-Dalsgaard, J., Schou, J., Thompson, M. J., & Tomczyk, S., "Solar structure as revealed by 1 year LOWL data", 1996BASI...24..147B [ADS](#)
- Thompson, M. J., Toomre, J., Anderson, E. R., et al., "Differential Rotation and Dynamics of the Solar Interior", 1996Sci...272.1300T [ADS](#)
- Hill, F., Stark, P. B., Stebbins, R. T., et al., "The Solar Acoustic Spectrum and Eigenmode Parameters", 1996Sci...272.1292H [ADS](#)
- Schou, J., "The Shape of Solar Oscillation Eigenfunctions", 1996AAS...188.6906S [ADS](#)
- Tomczyk, S., Schou, J., & Thompson, M. J., "Measurement of the Rotation Rate in the Deep Solar Interior", 1996AAS...188.6903T [ADS](#)
- Goode, P. R., Dziembowski, W. A., Rhodes, E. J., et al., "GONG Data: Implications for the Sun's Interior and Near Surface Magnetic Field", 1996AAS...188.5307G [ADS](#)
- Zayer, I., Morrison, M., Tarbell, T. D., et al., "Calibration and Performance of the Michelson Doppler Imager on SOHO.", 1996AAS...188.3712Z [ADS](#)
- Basu, S., Christensen-Dalsgaard, J., Schou, J., Thompson, M. J., & Tomczyk, S., "The Sun's Hydrostatic Structure from LOWL Data", 1996ApJ...460.1064B [ADS](#)
- Schou, J., "Inversion for the Velocity Field in the Solar Interior", 1996imie.conf...48S [ADS](#)
- Duvall, T. L., D'Silva, S., Jefferies, S. M., Harvey, J. W., & Schou, J., "Downflows under sunspots detected by helioseismic tomography", 1996Natur.379..235D [ADS](#)
- Schou, J., "Inversion for the Velocity Field in the Solar Interior", in Lecture Notes in Earth Sciences, Berlin Springer Verlag, Vol. 63, 48 1996LNES...63...48S [ADS](#)
- Scherrer, P. H., Bogart, R. S., Bush, R. I., et al., "The Solar Oscillations Investigation - Michelson Doppler Imager", 1995SoPh...162..129S [ADS](#)
- Schou, J., Tomczyk, S., & Thompson, M. J., "Results From the LOWL Instrument", 1995AAS...18710101S [ADS](#)
- Tomczyk, S., Schou, J., & Thompson, M. J., "Measurement of the Rotation Rate in the Deep Solar Interior", 1995ApJ...448L..57T [ADS](#)
- Schou, J., Tomczyk, S., & Thompson, M. J., "A Measurement of the Rotation Rate in the Deep Solar Interior", 1995ESASP.376b.275S [ADS](#)
- Tomczyk, S., Charbonneau, P., Schou, J., & Thompson, M. J., "Constraining Solar Core Rotation with Genetic Forward Modelling", 1995ESASP.376b.271T [ADS](#)
- Christensen-Dalsgaard, J., Schou, J., Thompson, M. J., & Toomre, J., "The Sensitivity of Various Mode Sets for Probing Differential Rotation Shear Zones", 1995ESASP.376b..41C [ADS](#)
- Basu, S., Christensen-Dalsgaard, J., Schou, J., Thompson, M. J., & Tomczyk, S., "Solar Structure Inversion with LOWL Data", 1995ESASP.376b..25B [ADS](#)
- Schou, J., Tomczyk, S., & Thompson, M. J., "Results from the LOWL Instrument", 1995SPD...26..402S [ADS](#)
- Shi, M., Baragiola, R. A., Grosjean, D. E., et al., "Sputtering of water ice surfaces and the production of extended neutral atmospheres", 1995JGR...10026387S [ADS](#)
- Schou, J., Christensen-Dalsgaard, J., & Thompson, M. J., "Some Aspects of Helioseismic Time-Series Analysis", 1995ASPC...76..528S [ADS](#)
- Zayer, I., Morrison, M., Pope, T., et al., "Michelson Doppler Imager (MDI) Performance Characteristics", 1995ASPC...76..456Z [ADS](#)
- Schou, J. & Tomczyk, S., "Preliminary Results from Observations with the LOWL Instrument", 1995ASPC...76..448S [ADS](#)
- Scherrer, P. H., Bogart, R. S., Bush, R. I., et al., "Status of the Solar Oscillations Investigation - Michelson Doppler Imager", 1995ASPC...76..402S [ADS](#)
- Christensen-Dalsgaard, J., Schou, J., Thompson, M. J., & Toomre, J., "Hunting for Azimuthal Jets and Shearing Flows in the Solar Convection Zone", 1995ASPC...76..212C [ADS](#)
- Christensen-Dalsgaard, J., Larsen, R. M., Schou, J., & Thompson, M. J., "Optimally Localized Kernels for 2D Helioseismic Inversion", 1995ASPC...76...70C [ADS](#)
- Schou, J., Tomczyk, S., & Thompson, M. J., "A Measurement of the Rotation Rate in the Deep Solar Interior", 1994AAS...185.4401S [ADS](#)
- Schou, J. & Brown, T. M., "Generation of artificial helioseismic time-series.", 1994A&AS...107..541S [ADS](#)
- Schou, J. & Brown, T. M., "On the Rotation Rate in the Solar Convection Zone", 1994ApJ...434..378S [ADS](#)
- Schou, J., Christensen-Dalsgaard, J., & Thompson, M. J., "On Comparing Helioseismic Two-dimensional Inversion Methods", 1994ApJ...433..389S [ADS](#)
- Schou, J. & Brown, T. M.: 1993, Generation of artificial helioseismic time-series 1993STIN...9415968S [ADS](#)
- Bachmann, K. T., Schou, J., & Brown, T. M., "Observations of Intermediate Degree Solar Oscillations: 1989 April-June", 1993ApJ...412..870B [ADS](#)
- Schou, J.: 1993, "On the analysis of helioseismic data", Ph.D. thesis, Aarhus University, Denmark 1993PhDT.....436S [ADS](#)
- Veitzer, S. A., Tomczyk, S., & Schou, J., "Requirements for the Observation of Low-Degree Solar Oscillations", 1993ASPC...42..465V [ADS](#)
- Schou, J., Christensen-Dalsgaard, J., & Thompson, M. J., "Two-Dimensional Helioseismic Inversions", 1993ASPC...42..205S [ADS](#)
- Bachmann, K. T., Schou, J., & Brown, T. M., "Observations of Intermediate Degree Solar Oscillations - 1989APR-JUN", 1993ASPC...42..197B [ADS](#)
- Schou, J., Brown, T. M., & Bachman, K. T., "Preliminary results from observations with the Fourier tachometer.", 1993ASPC...40...90S [ADS](#)
- Schou, J., Christensen-Dalsgaard, J., & Thompson, M. J., "Two-dimensional helioseismic inversions", 1993ASPC...40...72S [ADS](#)
- Schou, J., Christensen-Dalsgaard, J., & Thompson, M. J., "The Resolving Power of Current Helioseismic Inversions for the Sun's Internal Rotation", 1992ApJ...385L..59S [ADS](#)
- Schou, J.: 1992, "On the Analysis of Helioseismic Data", Ph.D. thesis, - 1992PhDT.....380S [ADS](#)
- Schou, J. & Brown, T. M., "On the Analysis of Helioseismic Time-Series", 1991BAAS...23.1390S [ADS](#)
- Schou, J., "On the 2-Dimensional Rotational Inversion Problem", in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 93 1991LNP...388...93S [ADS](#)
- Schou, J., "An Inversion for the Rotation Rate in the Solar Interior", in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 81 1991LNP...388...81S [ADS](#)
- Christensen-Dalsgaard, J., Schou, J., & Thompson, M. J., "A comparison of methods for inverting helioseismic data", 1990MNRAS.242..353C [ADS](#)
- Christensen-Dalsgaard, J. & Schou, J., "Differential rotation in the solar interior.", 1988ESASP.286..149C [ADS](#)