

Bibliography from ADS file: kiselman.bib  
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- Pietrow, A. G. M., Druett, M. K., de la Cruz Rodríguez, J., Calvo, F., & Kiselman, D., “Physical properties of a fan-shaped jet backlit by an X9.3 flare”, 2022A&A...659A...58P ADS
- Pietrow, 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
- Pazira, H., Kiselman, D., & Leenaarts, J., “Solar off-limb emission of the O I 7772 Å line”, 2017A&A...604A...49P ADS
- Lind, K., Amarsi, A. M., Asplund, M., et al., “Non-LTE line formation of Fe in late-type stars - IV. Modelling of the solar centre-to-limb variation in 3D”, 2017MNRAS.468.4311L ADS
- Del Moro, D., Giovannelli, L., Berrilli, F., et al., “JP3D compression of solar data-cubes: photospheric imaging and spectropolarimetry”, 2017psio.confE.121D ADS
- Kiselman, D., “SOLARNET WP50: The SOLARNET data pipeline activity”, 2017psio.confE...95K ADS
- Henriques, V. M. J., Scullion, E., Mathioudakis, M., et al., “Stable umbral chromospheric structures”, 2015A&A...574A.131H ADS
- Henriques, V. M. J. & Kiselman, D., “Ca II H sunspot tomography from the photosphere to the chromosphere”, 2013A&A...557A...5H ADS
- Kiselman, D., Pereira, T. M. D., Gustafsson, B., et al., “Is the solar spectrum latitude-dependent?. An investigation with SST/TRIPPEL”, 2011A&A...535A...14K ADS
- Löfdahl, M. G., Henriques, V. M. J., & Kiselman, D., “A tilted interference filter in a converging beam”, 2011A&A...533A...82L ADS
- Scharmer, G. B., Henriques, V. M. J., Kiselman, D., & de la Cruz Rodríguez, J., “Detection of Convective Downflows in a Sunspot Penumbra”, 2011Sci...333...316S ADS
- de la Cruz Rodríguez, J., Kiselman, D., & Carlsson, M., “Solar velocity references from 3D HD photospheric models”, 2011A&A...528A.113D ADS
- de la Cruz Rodríguez, J., Kiselman, D., & Carlsson, M., “VizieR Online Data Catalog: Synthetic lines in the Sun (de la Cruz Rodríguez+, 2011)”, 2011yCat...35289113D ADS
- Henriques, V. M. J., Kiselman, D., & van Noort, M., “Photospheric Temperatures from Ca IIR”, 2010ASSP...19...511H ADS
- Pereira, T. M. D., Asplund, M., & Kiselman, D., “Oxygen lines in solar granulation. II. Centre-to-limb variation, NLTE line formation, blends, and the solar oxygen abundance”, 2009A&A...508.1403P ADS
- Pereira, T. M. D., Kiselman, D., & Asplund, M., “Oxygen lines in solar granulation. I. Testing 3D models against new observations with high spatial and spectral resolution”, 2009A&A...507...417P ADS
- Pereira, T. M. D., Asplund, M., & Kiselman, D., “VizieR Online Data Catalog: Oxygen lines in solar granulation. II. (Pereira+, 2009)”, 2009yCat...35081403P ADS
- Pereira, T. M. D., Kiselman, D., & Asplund, M., “VizieR Online Data Catalog: Oxygen lines in solar granulation. I. (Pereira+, 2009)”, 2009yCat...35070417P ADS
- Pereira, T. M. D., Asplund, M., & Kiselman, D., “Testing 3D solar models against observations”, 2009arXiv0909.4121P ADS
- Fabbian, D., Asplund, M., Barklem, P. S., Carlsson, M., & Kiselman, D., “Neutral oxygen spectral line formation revisited with new collisional data: large departures from LTE at low metallicity”, 2009A&A...500.1221F ADS
- Pereira, T. M. D., Asplund, M., & Kiselman, D., “Testing 3D solar models against observations. Center-to-limb variations of oxygen lines, spatially-resolved line formation and probing for departures from LTE”, 2009MmSAI...80...650P ADS
- Henriques, V. M. J. & Kiselman, D., “Temperature stratification in the Sun’s photosphere in high horizontal resolution using Ca II H filtergrams”, 2009MmSAI...80...639H ADS
- Kiselman, D., “Solar 3D models versus observations-a few comments”, 2008PhST...133a4016K ADS
- Scharmer, G. B., Narayan, G., Hillberg, T., et al., “CRISP Spectropolarimetric Imaging of Penumbra Fine Structure”, 2008ApJ...689L...69S ADS
- Scharmer, G., Henriques, V., Hillberg, T., et al., “Spectropolarimetry of Sunspots at 0.16 ARCSEC resolution”, 2008ESPM...12...2.5S ADS
- Spite, M., Landstreet, J. D., Asplund, M., et al., “Commission 36: Theory of Stellar Atmospheres”, 2007IAUTB...26...160S ADS
- Scharmer, G. B., Langhans, K., Kiselman, D., & Löfdahl, M. G., “Recent High Resolution Observations and Interpretations of Sunspot Fine Structure”, 2007ASPC...369...71S ADS
- Spite, M., Landstreet, J., Asplund, M., et al., “Commission 36: Theory of Stellar Atmospheres”, 2007IAUTA...26...215S ADS
- Langhans, K., Scharmer, G. B., Kiselman, D., & Löfdahl, M. G., “Observations of dark-cored filaments in sunspot penumbrae”, 2007A&A...464...763L ADS
- Fabbian, D., Asplund, M., Carlsson, M., & Kiselman, D., “The non-LTE line formation of neutral carbon in late-type stars”, 2006A&A...458...899F ADS
- Langhans, K., Scharmer, G. B., Kiselman, D., Löfdahl, M. G., & Berger, T. E., “Inclination of magnetic fields and flows in sunspot penumbrae”, 2005A&A...436.1087L ADS
- Asplund, M., Grevesse, N., Sauval, A. J., Allende Prieto, C., & Kiselman, D., “Line formation in solar granulation. IV. [O I], O I and OH lines and the photospheric O abundance”, 2005A&A...435...339A ADS
- Fabbian, D., Asplund, M., Carlsson, M., & Kiselman, D., “CI non LTE spectral line formation in late-type stars”, 2005IAUS...228...255F ADS
- Asplund, M., Grevesse, N., Sauval, A. J., Allende Prieto, C., & Kiselman, D., “Line formation in solar granulation. IV. [O I], O I and OH lines and the photospheric O abundance”, 2004A&A...417...751A ADS
- Roupe van der Voort, L. H. M., Löfdahl, M. G., Kiselman, D., & Scharmer, G. B., “Penumbral structure at 0.1 arcsec resolution. I. General appearance and power spectra”, 2004A&A...414...717R ADS
- Kiselman, D. & Asplund, M., “The Granulation Fingerprints of Spectral Lines”, 2003IAUS...210P.E62K ADS
- Scharmer, G. B., Kiselman, D., Löfdahl, M. G., & Roupe van der Voort, L. H. M., “First Results from the Swedish 1-m Solar Telescope”, 2003ASPC...307...3S ADS
- Scharmer, G. B., Gudiksen, B. V., Kiselman, D., Löfdahl, M. G., & Roupe van der Voort, L. H. M., “Dark cores in sunspot penumbral filaments”, 2002Natur.420...151S ADS
- Kiselman, D., “NLTE effects on oxygen lines”, 2002HiA...12...429K ADS
- Kiselman, D., “NLTE effects on oxygen lines”, 2001NewAR...45...559K ADS
- García Perez, A. E., Asplund, M., & Kiselman, D., “Departures from LTE in Be Line Formation”, 2001coev.conf...131G ADS
- Kiselman, D., Rutten, R. J., & Plez, B., “The formation of G-band bright points I: Standard LTE modelling”, 2001IAUS...203...287K ADS
- Rutten, R. J., Kiselman, D., Roupe van der Voort, L., & Plez, B., “Proxy Magnetometry of the Photosphere: Why are G-Band Bright Points so Bright?”, 2001ASPC...236...445R ADS
- Kiselman, D. & Asplund, M., “Spatially Resolved Solar Lines as Diagnostics of NLTE Effects (CD-ROM Directory: contribs/kiselman)”, 2001ASPC...223...684K ADS
- Kiselman, D., Rutten, R. J., & Plez, B., “The formation of G-band bright points. I: Standard LTE modelling”, 2000astro.ph.10390K ADS
- Gustafsson, B., Eriksson, K., Kiselman, D., et al., “Scattered Light from Envelopes around N-type Stars”, 2000IAUS...177...409G ADS
- Asplund, M., Carlsson, M., García Perez, A. E., & Kiselman, D., “Oxygen Line Formation in 3D Hydrodynamical Model Atmospheres”, 2000IAUJD...8E...8A ADS
- Kiselman, D., “NLTE effects on oxygen lines”, 2000IAUJD...8E...5K ADS
- Kiselman, D., “Effects of NLTE and Granulation on LiBeB Abundance Determinations”, 1999ASPC...171...85K ADS
- García López, R. J., Lambert, D. L., Edvardsson, B., et al., “Boron in Very Metal Poor Stars”, 1998ApJ...500...241G ADS
- Kiselman, D., “The 671nm Li I line in solar granulation”, 1998A&A...333...732K ADS
- Kiselman, D., “Formation of Li I Lines in Photospheric Granulation”, 1997ApJ...489L.107K ADS
- Asplund, M., Gustafsson, B., Kiselman, D., & Eriksson, K., “(Erratum) Line-blanketed model atmospheres for R Coronae Borealis stars and hydrogen-deficient carbon stars”, 1997A&A...323...286A ADS
- Gustafsson, B., Eriksson, K., Kiselman, D., Olander, N., & Olofsson, H., “KI emission from envelopes around N-type stars. Spectroscopic observations and interpretations”, 1997A&A...318...535G ADS
- Asplund, M., Gustafsson, B., Kiselman, D., & Eriksson, K., “Line-blanketed model atmospheres for R Coronae Borealis stars and hydrogen-deficient carbon stars”, 1997A&A...318...521A ADS
- Kiselman, D. & Carlsson, M., “The NLTE formation of neutral-boron lines in cool stars”, 1996A&A...311...680K ADS
- Kiselman, D. & Nordlund, A., “3D non-LTE line formation in the solar photosphere and the solar oxygen abundance”, 1995A&A...302...578K ADS
- Kiselman, D. & Carlsson, M., “Non-LTE Effects on Be and B Abundance Determinations in Cool Stars”, 1995Iea...conf...372K ADS
- Kiselman, D. & Plez, B., “A non-LTE study of Li I lines in AGB stars”, 1995MmSAI...66...429K ADS
- Kiselman, D., “The impact of granulation on the line formation”, 1995IAUS...176P.110K ADS
- Edvardsson, B., Gustafsson, B., Johansson, S. G., et al., “Boron in the extreme Population II star HD 140283 and the production of light elements in the Early Galaxy”, 1994A&A...290...176E ADS
- Kiselman, D., “A NLTE study of neutral boron in solar-type stars”, 1994A&A...286...169K ADS
- Kiselman, D., “High-spatial-resolution solar observations of spectral lines used for abundance analysis”, 1994A&AS...104...23K ADS

- Kiselman, D., "The 777 NM oxygen triplet in the Sun and solar-type stars, and its use for abundance analysis", 1993A&A...275..269K [ADS](#)
- Kiselman, D.: 1993b, *Implications of departures from LTE and homogeneity in the sun and solar-type stars* 1993idlh.book.....K [ADS](#)
- Kiselman, D., "Reliability of classical abundance analysis: boron and oxygen", 1993fces.conf...35K [ADS](#)
- Kiselman, D.: 1993d, "Implications of departures from LTE and homogeneity in the sun and solar-type stars", *Ph.D. thesis*, Uppsala University, Sweden 1993PhDT.....224K [ADS](#)
- Kiselman, D., "Non-LTE effects on oxygen abundance determinations for solar-type stars", 1991A&A...245L...9K [ADS](#)
- Kiselman, D., Oja, T., & Gustafsson, B., "A uvby-like photometric system for the WF/PC of the HST.", 1990A&A...238..265K [ADS](#)
- , "Nordic-Baltic Astronomy Meeting : proceedings of a meeting held at the Astronomical Observatory of the Uppsala University, June 17-21, 1990, celebrating the 250th anniversary of the Celsius Observatory", 1990nba..meet.....L [ADS](#)
- Kiselman, D., "Non-LTE effects on oxygen abundance determinations for solar-type stars.", 1990apsu.conf...38K [ADS](#)
- Kiselman, D. & Lagerkvist, C. I., "Astrophysical processes and structures in the universe. Abstracts.", 1990UppOR..52.....K [ADS](#)