

## Bibliography from ADS file: voegler.bib

September 14, 2022

- Kim, J. W., Lemson, G., Bulatovic, N., et al., "AWOB: A Collaborative Work-bench for Astronomers", 2015ASPC..495..491K [ADS](#)
- Cameron, R., Vögler, A., & Schüssler, M., "Decay of a simulated mixed-polarity magnetic field in the solar surface layers", 2011A&A...533A..86C [ADS](#)
- Vitas, N., Fischer, C. E., Vögler, A., & Keller, C. U., "Fast horizontal flows in a quiet sun MHD simulation and their spectroscopic signatures", 2011A&A...532A..110V [ADS](#)
- Afram, N., Unruh, Y. C., Solanki, S. K., et al., "Intensity contrast from MHD simulations and HINODE observations", 2011A&A...526A.120A [ADS](#)
- Orozco Suárez, D., Bellot Rubio, L. R., Vögler, A., & Del Toro Iniesta, J. C., "Applicability of Milne-Eddington inversions to high spatial resolution observations of the quiet Sun", 2010A&A...518A..20 [ADS](#)
- Domingo, V., Ermolli, I., Fox, P., et al., "Solar Surface Magnetism and Irradiance on Time Scales from Days to the 11-Year Cycle", 2009SSRv..145..337D [ADS](#)
- Cantiello, M., Langer, N., Brott, I., et al., "On the origin of microturbulence in hot stars", 2009CoAst.158..61C [ADS](#)
- Vitas, N., Viticchiè, B., Rutten, R. J., & Vögler, A., "Explanation of the activity sensitivity of Mn I 5394.7 Å", 2009A&A...499..301V [ADS](#)
- Cantiello, M., Langer, N., Brott, I., et al., "Sub-surface convection zones in hot massive stars and their observable consequences", 2009A&A...499..279C [ADS](#)
- Unruh, Y. C., Solanki, S. K., Schüssler, M., Vögler, A., & García-Alvarez, D., "Towards Long-Term Solar Irradiance Modelling: Network Contrasts from Magneto-Convection Simulations", 2009AIPC.1094..768U [ADS](#)
- Danilovic, S., Gandorfer, A., Lagg, A., et al., "The intensity contrast of solar granulation: comparing Hinode SP results with MHD simulations", 2008A&A...484L..17D [ADS](#)
- Schüssler, M. & Vögler, A., "Strong horizontal photospheric magnetic field in a surface dynamo simulation", 2008A&A...481L..5S [ADS](#)
- Cameron, R., Schüssler, M., Vögler, A., & Zakharov, V., "Radiative magneto-hydrodynamic simulations of solar pores", 2007A&A...474..261C [ADS](#)
- Shelyag, S., Schüssler, M., Solanki, S. K., & Vögler, A., "Stokes diagnostics of simulated solar magneto-convection", 2007A&A...469..731S [ADS](#)
- Cameron, R., Vögler, A., & Schüssler, M., "Photospheric magnetoconvection", 2007IAUS..239..475C [ADS](#)
- Vögler, A. & Schüssler, M., "A solar surface dynamo", 2007A&A...465L..43V [ADS](#)
- Yelles, L., Hirzberger, J., Lagg, A., et al., "Simulations Of Science Data Of The Solo-VIM Instrument", 2007ESASP.641E..34Y [ADS](#)
- Schüssler, M. & Vögler, A., "Magnetoconvection in a Sunspot Umbra", 2006ApJ...641L..73S [ADS](#)
- Cameron, R., Vögler, A., Schüssler, M., & Zakharov, V., "Simulations of Solar Pores", 2005ESASP.600E..11C [ADS](#)
- Khomenko, E. V., Shelyag, S., Solanki, S. K., & Vögler, A., "Stokes diagnostics of simulations of magnetoconvection of mixed-polarity quiet-Sun regions", 2005A&A...442.1059K [ADS](#)
- Vögler, A., Madden, S. C., Beck, R., et al., "Dissecting the spiral galaxy M 83: mid-infrared emission and comparison with other tracers of star formation", 2005A&A...441..491V [ADS](#)
- Khomenko, E. V., Martínez González, M. J., Collados, M., et al., "Magnetic flux in the internetwork quiet Sun", 2005A&A...436L..27K [ADS](#)
- Vögler, A., "On the effect of photospheric magnetic fields on solar surface brightness . Results of radiative MHD simulations", 2005MmSAI..76..842V [ADS](#)
- Vögler, A., Shelyag, S., Schüssler, M., et al., "Simulations of magnetoconvection in the solar photosphere. Equations, methods, and results of the MURaM code", 2005A&A...429..335V [ADS](#)
- Cameron, R., Vögler, A., Shelyag, S., & Schüssler, M., "The Decay of a Simulated Pore", 2004ASPC..325..57C [ADS](#)
- Shelyag, S., Schüssler, M., Solanki, S. K., Berdyugina, S. V., & Vögler, A., "G-band spectral synthesis and diagnostics of simulated solar magneto-convection", 2004A&A...427..335S [ADS](#)
- Vögler, A., "Effects of non-grey radiative transfer on 3D simulations of solar magneto-convection", 2004A&A...421..755V [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](#)
- Keller, C. U., Schüssler, M., Vögler, A., & Zakharov, V., "On the Origin of Solar Faculae", 2004ApJ...607L..59K [ADS](#)
- Vögler, A., "Structure and dynamics of photospheric magnetic fields", 2004cosp...35.4067V [ADS](#)
- Khomenko, E. V., Shelyag, S., Solanki, S. K., Vögler, A., & Schüssler, M., "Stokes Diagnostics of Magnetoconvection. Profile shapes and asymmetries.", 2004cosp...35.2131K [ADS](#)
- Vögler, A., "Simulating Radiative Magneto-convection in the Solar Photosphere (With 11 Figures)", 2004RvMA...17...69V [ADS](#)
- Khomenko, E. V., Shelyag, S., Solanki, S. K., Vögler, A., & Schüssler, M., "Stokes diagnostics of magneto-convection. Profile shapes and asymmetries", 2004IAUS..223..635K [ADS](#)
- Schüssler, M., Shelyag, S., Berdyugina, S., Vögler, A., & Solanki, S. K., "Why Solar Magnetic Flux Concentrations Are Bright in Molecular Bands", 2003ApJ...597L.173S [ADS](#)
- Janßen, K., Vögler, A., & Kneer, F., "On the fractal dimension of small-scale magnetic structures in the Sun", 2003A&A...409..1127J [ADS](#)
- Janssen, K., Vögler, A., & Kneer, F., "Hausdorff-Dimension of Magnetic Structures", 2003ANS..324..30J [ADS](#)
- Pietsch, W., Haberl, F., & Vögler, A., "RX J004717.4-251811: The first eclipsing X-ray binary outside the Local Group", 2003A&A...402..457P [ADS](#)
- Vögler, A.: 2003, "Three-dimensional simulations of magneto-convection in the solar photosphere", Ph.D. thesis, Georg August University of Gottingen, Germany 2003PhDT.....61V [ADS](#)
- Vögler, A., Shelyag, S., Schüssler, M., et al., "Simulation of Solar Magnetoconvection", 2003IAUS..210..157V [ADS](#)
- Vögler, A. & Schüssler, M., "Studying magneto-convection by numerical simulation", 2003AN...324..399V [ADS](#)
- Immler, S., Ehle, M., Pietsch, W., & Vögler, A., "Detection of supernova remnant and black hole candidates in M83 with ROSAT", 2001AIPC..599..670I [ADS](#)
- Sauvage, M., Roussel, H., Vigroux, L., et al., "The Mid-Infrared Properties of Spiral Galaxies", 2001ESASP.460..151S [ADS](#)
- Vögler, A. & Schmitt, D., "Generation of bisymmetric magnetic fields in galaxies with tidal interaction", 2001A&A...374..36V [ADS](#)
- Sofue, Y. & Vögler, A., "Bipolar hypershell models of the extended hot interstellar medium in spiral galaxies", 2001A&A...370..53S [ADS](#)
- Pietsch, W., Haberl, F., Ehle, M., Trinchieri, G., & Vögler, A., "Deep XMM-Newton survey of M33", 2000HEAD....5.2104P [ADS](#)
- Pietsch, W., Vögler, A., Klein, U., & Zinnecker, H., "X-ray observations of the starburst galaxy NGC 253 – II. Extended emission from hot gas in the nuclear area, disk, and halo", 2000A&A...360..24P [ADS](#)
- Immler, S., Vögler, A., Ehle, M., & Pietsch, W., "ROSAT high-resolution X-ray observations of M 83: detection of supernova remnant and black hole candidates", 1999A&A...352..415I [ADS](#)
- Vögler, A. & Pietsch, W., "The soft X-ray emission components of NGC 4258 decomposed by deep ROSAT observations", 1999A&A...352..64V [ADS](#)
- Vögler, A. & Pietsch, W., "Million degree interstellar medium in spiral galaxies", 1999pcim.conf..50V [ADS](#)
- Vögler, A. & Pietsch, W., "X-ray observations of the starburst galaxy NGC 253. I. Point sources in the bulge, disk and halo", 1999A&A...342..101V [ADS](#)
- Vögler, A.: 1999, Ph.D. thesis, - 1999PhDT.....4V [ADS](#)
- Vögler, A. & Schmitt, D., "Generation of bisymmetric magnetic fields in gravitationally interacting galaxies", 1999AGAb...15..77V [ADS](#)
- Vögler, A. & Pietsch, W., "The hot interstellar medium in spiral galaxies", 1998tx19.confE.610V [ADS](#)
- Pietsch, W., Trinchieri, G., & Vögler, A., "NGC 3079: X-ray emission from the nuclear super-bubble and halo", 1998A&A...340..351P [ADS](#)
- Vögler, A. & Pietsch, W., "ROSAT Observations of NGC 4258", in D. Breitschwerdt, M. J. Freyberg, and J. Truemper (Eds.), IAU Colloq. 166: The Local Bubble and Beyond, Vol. 506, 547–550 1998LNP...506..547V [ADS](#)
- Vögler, A. & Pietsch, W., "The Hot Interstellar Medium in Spiral Galaxies", 1998ASPC..136..135V [ADS](#)
- Vögler, A. & Pietsch, W., "Diffuse X-ray emission from spiral galaxies", 1998AN...319..110V [ADS](#)
- Vögler, A., Pietsch, W., & Kahabka, P., "VizieR Online Data Catalog: NGC 4565, 4656 & 5907 ROSAT observations (Vogler+ 1996)", 1997yCat..33050074V [ADS](#)
- Vögler, A. & Pietsch, W., "X-ray observations of the Magellanic-type Galaxy NGC 4449", 1997A&A...319..459V [ADS](#)
- Vögler, A., Pietsch, W., & Bertoldi, F., "The spiral galaxy NGC 4559: X-ray point sources and diffuse emission.", 1997A&A...318..768V [ADS](#)
- Vögler, A.: 1997, Ph.D. thesis, - 1997PhDT.....15V [ADS](#)
- Vögler, A. & Pietsch, W., "ROSAT observations of NGC 4631.", 1996A&A...311..35V [ADS](#)
- Vögler, A., Pietsch, W., & Bertoldi, F., "X-ray observations of the spiral galaxy NGC 4559.", 1996rftu.proc..399V [ADS](#)
- Ehle, M., Beck, R., Haynes, R. F., et al., "Magnetic fields and hot gas in the spiral galaxy NGC 1566 as derived from ATCA radio polarization and ROSAT X-ray observations.", 1996A&A...306..73E [ADS](#)
- Pietsch, W., Supper, R., & Vögler, A., "ROSAT Observations of X-Ray Emission from Superbubbles", 1996ibms.conf..179P [ADS](#)
- Vögler, A., Pietsch, W., & Kahabka, P., "ROSAT observations of three edge-on spiral galaxies.", 1996A&A...305..74V [ADS](#)

- Vögler, A., Pietsch, W., & Kahabka, P., “*ROSAT PSPC observations of three edge-on spiral galaxies*”, 1995AdSpR..16c.139V [ADS](#)
- Pietsch, W., Vögler, A., Kahabka, P., Jain, A., & Klein, U., “*ROSAT PSPC X-ray observations of NGC 4258: detection of point sources, 4 million K halo emission, and anomalous arms.*”, 1994A&A...284..386P [ADS](#)
- Vögler, A., Pietsch, W., & Kahabka, P., “*ROSAT observations of three edge-on spiral galaxies: searching for point source and diffuse emission components.*”, 1994AGAb...10...25V [ADS](#)
- Vögler, A., Pietsch, W., Kahabka, P., Jain, A., & Klein, U., “*ROSAT PSPC X-ray observations of NGC 4258: detection of point sources, 4 million K halo emission and anomalous arms.*”, 1993AGAb....9...57V [ADS](#)