

## Bibliography from ADS file: lagg.bib

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- Iglesias, F. A., Feller, A., Gandorfer, A., et al., “*Polarimetric calibration of the Sunrise UV Spectropolarimeter and Imager*”, 2022BAA...63..305I ADS
- Sowmya, K., Lagg, A., Solanki, S. K., & Castellanos Durán, J. S., “*Magnetized supersonic downflows in the chromosphere. A statistical study using the He I 10 830 Å lines*”, 2022A&A...661A.122S 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
- Löptien, B., Lagg, A., van Noort, M., & Solanki, S. K., “*Similarities of magnetoconvection in the umbra and in the penumbra of sunspots*”, 2021A&A...655A..61L ADS
- Prabhu, A. P., Singh, N. K., Käpylä, M. J., & Lagg, A., “*Inferring magnetic helicity spectrum in spherical domains: Method and example applications*”, 2021A&A...654A...3P ADS
- Castellanos Durán, J. S., Lagg, A., & Solanki, S. K., “*How rare are counter Evershed flows?*”, 2021A&A...651L...1C ADS
- Feller, A., Gandorfer, A., Iglesias, F. A., et al., “*The SUNRISE UV Spectropolarimeter and imager for SUNRISE III*”, 2020SPIE11447E..AKF ADS
- Katsukawa, Y., del Toro Iniesta, J. C., Solanki, S. K., et al., “*Sunrise Chromospheric Infrared SpectroPolarimeter (SCIP) for sunrise III: system design and capability*”, 2020SPIE11447E..0YK ADS
- Prabhu, A., Lagg, A., Hirzberger, J., & Solanki, S. K., “*The magnetic fine structure of the Sun’s polar region as revealed by Sunrise*”, 2020A&A...644A..86P ADS
- Staub, J., Fernandez-Rico, G., Gandorfer, A., et al., “*PMI: The Photospheric Magnetic Field Imager*”, 2020JWSWC..10...54S 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
- Auchère, F., Andretta, V., Antonucci, E., et al., “*Coordination within the remote sensing payload on the Solar Orbiter mission*”, 2020A&A...642A..6A 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
- Rouillard, A. P., Pinto, R. F., Vourlidas, A., et al., “*Models and data analysis tools for the Solar Orbiter mission*”, 2020A&A...642A...2R ADS
- Prabhu, A., Brandenburg, A., Käpylä, M. J., & Lagg, A., “*Helicity proxies from linear polarisation of solar active regions*”, 2020A&A...641A..46P ADS
- Löptien, B., Lagg, A., van Noort, M., & Solanki, S. K., “*No universal connection between the vertical magnetic field and the umbra-penumbra boundary in sunspots*”, 2020A&A...639A.106L ADS
- Castellanos Durán, J. S., Lagg, A., Solanki, S. K., & van Noort, M., “*Detection of the Strongest Magnetic Field in a Sunspot Light Bridge*”, 2020ApJ...895..129C ADS
- Löptien, B., Lagg, A., van Noort, M., & Solanki, S. K., “*Connecting the Wilson depression to the magnetic field of sunspots*”, 2020A&A...635A.202L ADS
- Sowmya, K., Lagg, A., Solanki, S. K., & Castellanos Durán, J. S., “*Fast down-flows in a chromospheric filament*”, 2020IAUS..354..454S ADS
- Siu-Tapia, A., Lagg, A., van Noort, M., Rempel, M., & Solanki, S. K., “*Superstrong photospheric magnetic fields in sunspot penumbrae*”, 2019A&A...631A..99S ADS
- Albert, K., Hirzberger, J., Busse, D., et al., “*Performance Analysis of the SO/PHI Software Framework for On-board Data Reduction*”, 2019ASPC..523..151A ADS
- Milić, I., Smitha, H. N., & Lagg, A., “*Using the infrared iron lines to probe solar subsurface convection*”, 2019A&A...630A.133M ADS
- Buehler, D., Lagg, A., van Noort, M., & Solanki, S. K., “*A comparison between solar plage and network properties*”, 2019A&A...630A..86B ADS
- Kaithakkal, A., Riethmüller, T., Solanki, S. K., & Lagg, A., “*Moving Magnetic Features around a Pore*”, 2019ASPC..526..307K ADS
- Verma, M., Balthasar, H., Denker, C., et al., “*Photospheric Magnetic Fields of the Trailing Sunspots in Active Region NOAA 12396*”, 2019ASPC..526..291V ADS
- Löptien, B., Lagg, A., van Noort, M., & Solanki, S. K., “*Measuring the Wilson depression of sunspots using the divergence-free condition of the magnetic field vector*”, 2018A&A...619A..42L ADS
- Blanco Rodríguez, J., del Toro Iniesta, J. C., Orozco Suárez, D., et al.: 2018, *SOPHISM: Software Instrument Simulator*, Astrophysics Source Code Library, record ascl:1810.017 2018ascl.soft10017B ADS
- González Manrique, S. J., Kuckein, C., Collados, M., et al., “*Temporal evolution of arch filaments as seen in He I 10 830 Å*”, 2018A&A...617A..55G ADS
- Blanco Rodríguez, J., del Toro Iniesta, J. C., Orozco Suárez, D., et al., “*SOPHISM: An End-to-end Software Instrument Simulator*”, 2018ApJS..237...35B ADS
- Singh, N. K., Käpylä, M. J., Brandenburg, A., et al., “*Bihelical Spectrum of Solar Magnetic Helicity and Its Evolution*”, 2018ApJ...863..182S ADS
- Barthol, P., Katsukawa, Y., Lagg, A., et al., “*Getting Ready for the Third Science Flight of SUNRISE*”, 2018cosp...42E.215B ADS
- Lagg, A., Lites, B., Harvey, J., Gosain, S., & Centeno, R., “*Measurements of Photospheric and Chromospheric Magnetic Fields*”, in A. Balogh, E. Cliver, G. Petrie, S. Solanki, M. Thompson, and R. von Steiger (Eds.), *Solar Magnetic Fields. Series: Space Sciences Series of ISSI*, Vol. 57, 37–76 2018smf..book...37L ADS
- Siu-Tapia, A. L., Rempel, M., Lagg, A., & Solanki, S. K., “*Evershed and Counter-Evershed Flows in Sunspot MHD Simulations*”, 2018ApJ...852...66S ADS
- Siu-Tapia, A., Lagg, A., Solanki, S. K., van Noort, M., & Jurčák, J., “*Normal and counter Evershed flows in the photospheric penumbra of a sunspot. SPINOR 2D inversions of Hinode-SOT/SP observations*”, 2017A&A...607A..36S ADS
- González Manrique, S. J., Denker, C., Kuckein, C., et al., “*Flows along arch filaments observed in the GRIS ‘very fast spectroscopic mode’*”, 2017IAUS..327...28G ADS
- Lagg, A., Lites, B., Harvey, J., Gosain, S., & Centeno, R., “*Measurements of Photospheric and Chromospheric Magnetic Fields*”, 2017SSRv..210...37L ADS
- Käpylä, P. J., Rheinhardt, M., Brandenburg, A., et al., “*Extended Subadiabatic Layer in Simulations of Overshooting Convection*”, 2017ApJ...845L..23K ADS
- Joshi, J., Lagg, A., Hirzberger, J., & Solanki, S. K., “*Three-dimensional magnetic structure of a sunspot: Comparison of the photosphere and upper chromosphere*”, 2017A&A...604A..98J ADS
- Gafeira, R., Lagg, A., Solanki, S. K., et al., “*Erratum: Morphological Properties of Slender CaII H Fibrils Observed by sunrise II (<A href="http://doi.org/10.3847/1538-4365/229/1/6">ApJS 229, 1, 6</A>)*”, 2017ApJS..230...11G ADS
- Kaithakkal, A. J., Riethmüller, T. L., Solanki, S. K., et al., “*Moving Magnetic Features around a Pore*”, 2017ApJS..229...13K ADS
- Gafeira, R., Jafarzadeh, S., Solanki, S. K., et al., “*Oscillations on Width and Intensity of Slender Ca II H Fibrils from Sunrise/SuFF*”, 2017ApJS..229...7G ADS
- Gafeira, R., Lagg, A., Solanki, S. K., et al., “*Morphological Properties of Slender Ca II H Fibrils Observed by SUNRISE II*”, 2017ApJS..229...6G ADS
- Solanki, S. K., Riethmüller, T. L., Barthol, P., et al., “*The Second Flight of the Sunrise Balloon-borne Solar Observatory: Overview of Instrument Updates, the Flight, the Data, and First Results*”, 2017ApJS..229...2S ADS
- Joshi, J., Lagg, A., Hirzberger, J., Solanki, S. K., & Tiwari, S. K., “*Vertical magnetic field gradient in the photospheric layers of sunspots*”, 2017A&A...599A..35J ADS
- Lagg, A., “*Measurements of photospheric magnetic fields*”, 2017psio.confE..31L ADS
- Verma, M., Denker, C., Böhm, F., et al., “*Flow and magnetic field properties in the trailing sunspots of active region NOAA 12396*”, 2016AN...337.1090V ADS
- González Manrique, S. J., Kuckein, C., Pastor Yabar, A., et al., “*Fitting peculiar spectral profiles in He I 10830 Å absorption features*”, 2016AN...337.1057G ADS
- Balthasar, H., Gömöry, P., González Manrique, S. J., et al., “*Spectropolarimetric observations of an arch filament system with the GREGOR solar telescope*”, 2016AN...337.1050B ADS
- Felipe, T., Collados, M., Khomenko, E., et al., “*Three-dimensional structure of a sunspot light bridge*”, 2016A&A...596A..59F ADS
- Joshi, J., Lagg, A., Solanki, S. K., et al., “*Upper chromospheric magnetic field of a sunspot penumbra: observations of fine structure*”, 2016A&A...596A..8J ADS
- Schlüchtermeyer, R., von der Lühe, O., Hoch, S., et al., “*Active region fine structure observed at 0.08 arcsec resolution*”, 2016A&A...596A..7S ADS
- Lagg, A., Solanki, S. K., Doerr, H. P., et al., “*Probing deep photospheric layers of the quiet Sun with high magnetic sensitivity*”, 2016A&A...596A..6L ADS
- Martínez González, M. J., Pastor Yabar, A., Lagg, A., et al., “*Inference of magnetic fields in the very quiet Sun*”, 2016A&A...596A..5M ADS
- Franz, M., Collados, M., Bethge, C., et al., “*Magnetic fields of opposite polarity in sunspot penumbrae*”, 2016A&A...596A..4F ADS
- Verma, M., Denker, C., Balthasar, H., et al., “*Horizontal flow fields in and around a small active region. The transition period between flux emergence and decay*”, 2016A&A...596A..3V ADS

- Borrero, J. M., Asensio Ramos, A., Collados, M., et al., “Deep probing of the photospheric sunspot penumbra: no evidence of field-free gaps”, 2016A&A...596A...2B [ADS](#)
- Sobotka, M., Dudík, J., Denker, C., et al., “Slipping reconnection in a solar flare observed in high resolution with the GREGOR solar telescope”, 2016A&A...596A...1S [ADS](#)
- Kollmann, P., Paranicas, C., Clark, G., et al., “The vertical thickness of Jupiter’s Europa gas torus from charged particle measurements”, 2016GeoRL..43.9425K [ADS](#)
- Buehler, D., Lagg, A., van Noort, M., & Solanki, S. K., “Formation of a solar H $\alpha$  filament from orphan penumbras”, 2016A&A...589A..31B [ADS](#)
- Verma, M., Denker, C., Balthasar, H., et al., “Flows in and around Active Region NOAA12118 Observed with the GREGOR Solar Telescope and SDO/HMI”, 2016ASPC..504..29V [ADS](#)
- Tiwari, S. K., van Noort, M., Solanki, S. K., & Lagg, A., “Depth-dependent global properties of a sunspot observed by Hinode using the Solar Optical Telescope/Spectropolarimeter”, 2015A&A...583A.119T [ADS](#)
- Kim, H., Lagg, A., Solanki, S. K., et al., “Statistical analysis of supersonic downflows in sunspot penumbras”, 2015IAUGA..2254868K [ADS](#)
- Kitiashvili, I. N., Couvidat, S., & Lagg, A., “Using Realistic MHD Simulations for Modeling and Interpretation of Quiet-Sun Observations with the Solar Dynamics Observatory Helioseismic and Magnetic Imager”, 2015ApJ...808...59K [ADS](#)
- Rezaei, R., Beck, C., Lagg, A., et al., “Variation in sunspot properties between 1999 and 2014”, 2015A&A...578A..43R [ADS](#)
- Buehler, D., Lagg, A., Solanki, S. K., & van Noort, M., “Properties of solar plage from a spatially coupled inversion of Hinode SP data”, 2015A&A...576A..27B [ADS](#)
- Borrero, J. M., Lites, B. W., Lagg, A., Rezaei, R., & Rempel, M., “Comparison of inversion codes for polarized line formation in MHD simulations. I. Milne-Eddington codes”, 2014A&A...572A..54B [ADS](#)
- Jafarzadeh, S., Solanki, S. K., Lagg, A., et al., “Inclinations of small quiet-Sun magnetic features based on a new geometric approach”, 2014A&A...569A.105J [ADS](#)
- Lagg, A., Solanki, S. K., van Noort, M., & Danilovic, S., “Vigorous convection in a sunspot granular light bridge”, 2014A&A...568A..60L [ADS](#)
- Jafarzadeh, S., Cameron, R. H., Solanki, S. K., et al., “Migration of Ca II H bright points in the internetwork”, 2014A&A...563A.101J [ADS](#)
- Buehler, D., Lagg, A., Solanki, S. K., & Van Noort, M., “Analysis of magnetic fields in a plage region using a spatially coupled 2D inversion technique”, 2014cosp...40E.427B [ADS](#)
- Sasso, C., Lagg, A., & Solanki, S. K., “Magnetic structure of an activated filament in a flaring active region”, 2014A&A...561A..98S [ADS](#)
- Tiwari, S. K., van Noort, M., Lagg, A., & Solanki, S. K., “Structure of sunspot penumbral filaments: a remarkable uniformity of properties”, 2013A&A...557A..25T [ADS](#)
- van Noort, M., Lagg, A., Tiwari, S. K., & Solanki, S. K., “Peripheral downflows in sunspot penumbras”, 2013A&A...557A..24V [ADS](#)
- Xu, Z., Lagg, A., Solanki, S., Liu, Z., & New Vacuum Solar Telescope Observers, “Chromospheric magnetic field of an active region filament using the He I triplet and the primary observation of filaments (prominences) using New Vacuum Solar Tower of China”, 2013SPD...4410504X [ADS](#)
- Buehler, D., Lagg, A., & Solanki, S. K., “Quiet Sun magnetic fields observed by Hinode: Support for a local dynamo”, 2013A&A...555A..33B [ADS](#)
- Jafarzadeh, S., Solanki, S. K., Feller, A., et al., “Structure and dynamics of isolated internetwork Ca II H bright points observed by SUNRISE”, 2013A&A...549A.116J [ADS](#)
- Denker, C., Lagg, A., Puschmann, K. G., et al., “The GREGOR Solar Telescope”, 2012IAUSS...6E.203D [ADS](#)
- Schmidt, W., von der Lühe, O., Volkmer, R., et al., “The GREGOR Solar Telescope on Tenerife”, 2012ASPC..463..365S [ADS](#)
- Collados, M., López, R., Páez, E., et al., “GRIS: The GREGOR Infrared Spectrograph”, 2012AN...333..872C [ADS](#)
- Schmidt, W., von der Lühe, O., Volkmer, R., et al., “The 1.5 meter solar telescope GREGOR”, 2012AN...333..796S [ADS](#)
- Xu, Z., Solanki, S., & Lagg, A., “Chromospheric magnetic fields of an active region filament”, 2012EAS....55..163X [ADS](#)
- Solanki, S. K., Barthol, P., Danilovic, S., et al., “First Results from the SUNRISE Mission”, 2012ASPC..455..143S [ADS](#)
- Peter, H., Abbo, L., Andretta, V., et al., “Solar magnetism eXplorer (SolmeX). Exploring the magnetic field in the upper atmosphere of our closest star”, 2012ExA...33..271P [ADS](#)
- Matthews, S. A., Williams, D. R., Klein, K.-L., et al., “Solar Particle Acceleration Radiation and Kinetics (SPARK). A mission to understand the nature of particle acceleration”, 2012ExA...33..237M [ADS](#)
- Xu, Z., Lagg, A., Solanki, S., & Liu, Y., “Magnetic Fields of an Active Region Filament from Full Stokes Analysis of Si I 1082.7 nm and He I 1083.0 nm”, 2012ApJ...749..138X [ADS](#)
- Jafarzadeh, S., Solanki, S. K., Cameron, R. H., et al., “Diffusivity of Isolated Internetwork Ca II H Bright Points Observed by SuFI/SUNRISE”, 2012decs.confE..99J [ADS](#)
- Bethge, C., Beck, C., Peter, H., & Lagg, A., “Siphon flow in a cool magnetic loop”, 2012A&A...537A.130B [ADS](#)
- Buehler, D., Lagg, A., & Solanki, S. K., “Variation of quiet Sun magnetic elements between 2006 and 2011 using Hinode SOT/SP”, 2011sdimi.confE..76B [ADS](#)
- Solanki, S. K., Barthol, P., Danilovic, S., et al., “The Sun at high resolution: first results from the Sunrise mission”, 2011IAUS..273..226S [ADS](#)
- Merenda, L., Lagg, A., & Solanki, S. K., “The height of chromospheric loops in an emerging flux region”, 2011A&A...532A..63M [ADS](#)
- Balthasar, H., Bello González, N., Collados, M., et al., “Polarimetry with GREGOR”, 2011ASPC..437..351B [ADS](#)
- Afram, N., Unruh, Y. C., Solanki, S. K., et al., “Intensity contrast from MHD simulations and HINODE observations”, 2011A&A...526A.120A [ADS](#)
- Sasso, C., Lagg, A., & Solanki, S. K., “Multicomponent He I 10 830 Å profiles in an active filament”, 2011A&A...526A..42S [ADS](#)
- Lagg, A., Solanki, S. K., Riethmüller, T. L., et al., “Fully Resolved Quiet-Sun Magnetic flux Tube Observed with the SUNRISE/IMAX Instrument”, 2010ApJ...723L.164L [ADS](#)
- Xu, Z., Lagg, A., & Solanki, S. K., “Magnetic structures of an emerging flux region in the solar photosphere and chromosphere”, 2010A&A...520A..77X [ADS](#)
- Volkmer, R., von der Lühe, O., Denker, C., et al., “GREGOR telescope: start of commissioning”, 2010SPIE.7733E..0KV [ADS](#)
- Volkmer, R., von der Lühe, O., Denker, C., et al., “GREGOR solar telescope: Design and status”, 2010AN...331..624V [ADS](#)
- Lewis, G. R., Arridge, C. S., Linder, D. R., et al., “The calibration of the Cassini-Huygens CAPS Electron Spectrometer”, 2010P&SS...58..427L [ADS](#)
- Wiegelmann, T., Yelles Chaouche, L., Solanki, S. K., & Lagg, A., “Nonlinear force-free modelling: influence of inaccuracies in the measured magnetic vector”, 2010A&A...511A..4W [ADS](#)
- Oklay, N., Gandorfer, A., Lagg, A., et al., “Temperatures of small scale magnetic structures in deep solar photospheric layers”, 2010cosp...38.28570 [ADS](#)
- Jafarzadeh, S., Hirzberger, J., Feller, A., et al., “Relation between the Sunrise photospheric magnetic field and the Ca II H bright features”, 2010cosp...38.2856J [ADS](#)
- Wiegelmann, T., Yelles, L., Solanki, S., & Lagg, A., “How do inaccuracies and unresolved structures in the measured solar photospheric magnetic vector influence the accuracy of coronal magnetic field models?”, 2010cosp...38.2827W [ADS](#)
- Krupp, N., Roussos, E., Lagg, A., et al., “Energetic particles in Saturn’s magnetosphere during the Cassini nominal mission (July 2004-July 2008)”, 2009P&SS...57.1754K [ADS](#)
- Lagg, A., Ishikawa, R., Merenda, L., et al., “Internetwork Horizontal Magnetic Fields in the Quiet Sun Chromosphere: Results from a Joint Hinode/VTT Study”, 2009ASPC..415..327L [ADS](#)
- Yelles Chaouche, L., Cheung, M. C. M., Solanki, S. K., Schüssler, M., & Lagg, A., “Simulation of a flux emergence event and comparison with observations by Hinode”, 2009A&A...507L..53Y [ADS](#)
- Hirzberger, J., Riethmüller, T., Lagg, A., Solanki, S. K., & Kobel, P., “High-resolution spectro-polarimetry of a flaring sunspot penumbra”, 2009A&A...505..771H [ADS](#)
- Kronberg, E. A., Woch, J., Krupp, N., & Lagg, A., “A summary of observational records on periodicities above the rotational period in the Jovian magnetosphere”, 2009AnGeo..27.2565K [ADS](#)
- Xu, Z., Lagg, A., & Solanki, S. K., “Full Magnetic Field Vector of an Emerging Flux Region”, 2009ASPC..405..223X [ADS](#)
- Deng, N., Choudhary, D., Lagg, A., Jing, J., & Wang, H., “The Three-Dimensional Structure of Magnetic Fields and Electric Currents in an Active Region”, 2009SPD...40.0904D [ADS](#)
- Wedemeyer-Böhm, S., Lagg, A., & Nordlund, Å., “Coupling from the Photosphere to the Chromosphere and the Corona”, 2009SSRv..144..317W [ADS](#)
- Anderson, R. I., Reiners, A., Solanki, S. K., & Lagg, A., “Zeeman Broadening in Cool Stars”, 2009AIPC.1094..708A [ADS](#)
- Wedemeyer-Böhm, S., Lagg, A., & Nordlund, Å., “Coupling from the Photosphere to the Chromosphere and the Corona”, in M. J. Thompson, A. Balogh, J. L. Culhane, Å. Nordlund, S. K. Solanki, and J. P. Zahn (Eds.), The Origin and Dynamics of Solar Magnetism, Vol. 32, 317 2009ods.m.book..317W [ADS](#)
- Scharmer, G. B., Narayan, G., Hillberg, T., et al., “CRISP Spectropolarimetric Imaging of Penumbra Fine Structure”, 2008ApJ...689L..69S [ADS](#)
- Kronberg, E. A., Woch, J., Krupp, N., & Lagg, A., “Mass release process in the Jovian magnetosphere: Statistics on particle burst parameters”, 2008JGRA..11310202K [ADS](#)

- Narayan, G., Schärmer, G. B., Hillberg, T., et al., "SST/CRISP Magnetometry with Fe I 630.2 nm", 2008ESPM..122.120N [ADS](#)
- Meling, M. H. M., Lagg, A., & Solanki, S. K., "The Magnetic Vector Structure of an Active Region Plage Field", 2008ESPM..12.2.58M [ADS](#)
- Sasso, C., Lagg, A., & Solanki, S. K., "Magnetic Structure of a Filament during its Phase of Activity", 2008ESPM..12.2.19S [ADS](#)
- Teriaci, L., Wiegmann, T., Lagg, A., et al., "Loop Morphology and Flows and their Relation to the Magnetic Field", 2008ASPC..397..196T [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](#)
- Bloomfield, D. S., Lagg, A., & Solanki, S. K., "The nature of running penumbral waves revealed", 2008IAUS..247..55B [ADS](#)
- Riethmüller, T. L., Solanki, S. K., & Lagg, A., "Stratification of Sunspot Umbral Dots from Inversion of Stokes Profiles Recorded by Hinode", 2008ApJ..678L.157R [ADS](#)
- Deng, N., Choudhary, D., Solanki, S. K., & Lagg, A., "Multiheight Analysis of Asymmetric Stokes Profiles in a Solar Active Region", 2008AGU51D..06D [ADS](#)
- Afram, N., Berdyugina, S. V., Fluri, D. M., Solanki, S. K., & Lagg, A., "The FeH  $F^4\Delta-X^4\Delta$  system. Creating a valuable diagnostic tool to explore solar and stellar magnetic fields", 2008A&A..482..387A [ADS](#)
- Kronberg, E. A., Woch, J., Krupp, N., et al., "Comparison of periodic substorms at Jupiter and Earth", 2008JGRA..113.4212K [ADS](#)
- Jones, G. H., Roussos, E., Krupp, N., et al., "The Dust Halo of Saturn's Largest Icy Moon, Rhea", 2008Sci...319.1380J [ADS](#)
- Roussos, E., Jones, G. H., Krupp, N., et al., "Energetic electron signatures of Saturn's smaller moons: Evidence of an arc of material at Methone", 2008Icar..193..455R [ADS](#)
- Bloomfield, D. S., Lagg, A., & Solanki, S. K., "The Nature of Running Penumbral Waves Revealed", 2007ApJ..671.1005B [ADS](#)
- Jones, G. H., Roussos, E., Krupp, N., et al., "Rhea's interaction with Saturn's magnetosphere", 2007AGU51P.12B..05J [ADS](#)
- Roussos, E., Krupp, N., Jones, G. H., et al., "Energetic charged particle absorption by Saturn's icy moons: future studies and new applications", 2007epsc.conf..905R [ADS](#)
- Bloomfield, D. S., Solanki, S. K., Lagg, A., Borrero, J. M., & Cally, P. S., "Modified p-modes in penumbral filaments?", 2007A&A..469.1155B [ADS](#)
- Radioti, A., Woch, J., Kronberg, E. A., et al., "Energetic ion composition during reconfiguration events in the Jovian magnetotail", 2007JGRA..112.6221R [ADS](#)
- Roussos, E., Jones, G. H., Krupp, N., et al., "Electron microdiffusion in the Saturnian radiation belts: Cassini MIMI/LEMMS observations of energetic electron absorption by the icy moons", 2007JGRA..112.6214R [ADS](#)
- Kronberg, E. A., Glassmeier, K. H., Woch, J., et al., "A possible intrinsic mechanism for the quasi-periodic dynamics of the Jovian magnetosphere", 2007JGRA..112.5203K [ADS](#)
- Collados, M., Lagg, A., Díaz Garcí A, J. J., et al., "Tenerife Infrared Polarimeter II", 2007ASPC..368..611C [ADS](#)
- Sasso, C., Lagg, A., Solanki, S. K., Aznar Cuadrado, R., & Collados, M., "Full-Stokes Observations and Analysis of He I 10830 Å in a Flaring Region", 2007ASPC..368..467S [ADS](#)
- Bloomfield, D. S., Lagg, A., & Solanki, S. K., "Observations of Running Waves in a Sunspot Chromosphere", 2007ASPC..368..239B [ADS](#)
- Krupp, N., Vasylunas, V. M., Woch, J., et al., "Dynamics of the Jovian Magnetosphere", in Jupiter, 617 2007jupi.book..617K [ADS](#)
- Khurana, K. K., Kivelson, M. G., Vasylunas, V. M., et al., "The Configuration of Jupiter's Magnetosphere", in Jupiter, 593 2007jupi.book..593K [ADS](#)
- Lagg, A., Woch, J., Solanki, S. K., & Krupp, N., "Supersonic downflows in the vicinity of a growing pore. Evidence of unresolved magnetic fine structure at chromospheric heights", 2007A&A..462.1147L [ADS](#)
- Sasso, C., Lagg, A., & Solanki, S. K., "Spectropolarimetry in the chromospheric He I 1083.0 nm multiplet", 2007waas.work..43S [ADS](#)
- Bloomfield, D. S., Lagg, A., Solanki, S. K., & Borrero, J. M., "Modified p-modes in penumbral filaments", 2007msfa.conf..241B [ADS](#)
- Aznar Cuadrado, R., Solanki, S. K., & Lagg, A., "Velocity distribution of chromospheric downflows", 2007msfa.conf..173A [ADS](#)
- Lagg, A., Yelles, L., Hirzberger, J., Woch, J., & Solanki, S. K., "The Performance Of The SOLO-VIM Instrument: Effects Of Instrumental Noise And Lossy Data Compression", 2007ESASP.641E..69L [ADS](#)
- Yelles, L., Hirzberger, J., Lagg, A., et al., "Simulations Of Science Data Of The Solo-VIM Instrument", 2007ESASP.641E..34Y [ADS](#)
- Wiegmann, T., Solanki, S. K., Yelles, L., & Lagg, A., "Nonlinear Force-Free Magnetic Field Modelling For VIM On SO", 2007ESASP.641E..19W [ADS](#)
- Lagg, A., "Recent advances in measuring chromospheric magnetic fields in the He I 10830 Å line", 2007AdSpR..39.1734L [ADS](#)
- Lagg, A., Woch, J., Solanki, S. K., & Gandorfer, A., "Supersonic Downflows in the Vicinity of a Solar Pore", 2006ASPC..358..437L [ADS](#)
- Solanki, S. K., Lagg, A., Aznar Cuadrado, R., et al., "Measuring the Magnetic Vector with the He I 10830 Å Line: A Rich New World", 2006ASPC..358..431S [ADS](#)
- Afram, N., Berdyugina, S. V., Fluri, D. M., et al., "Molecular Diagnostics of the Internal Structure of Starspots and Sunspots", 2006ASPC..358..375A [ADS](#)
- Roussos, E., Krupp, N., Jones, G. H., et al., "Icy Moon Absorption Signatures: Probes of Saturnian Magnetospheric Dynamics and Moon Activity", 2006AGU51P.51F..03R [ADS](#)
- Jones, G. H., Krupp, N., Krueger, H., et al., "A New Spoke Formation Model", 2006AGU51P.34A..06J [ADS](#)
- Jones, G. H., Krupp, N., Krüger, H., et al., "Formation of Saturn's ring spokes by lightning-induced electron beams", 2006GeoRL..3321202J [ADS](#)
- Radioti, A., Krupp, N., Woch, J., et al., "Correction to "Ion abundance ratios in the Jovian magnetosphere", 2006JGRA..11110224R [ADS](#)
- Jones, G. H., Krupp, N., Krueger, H., et al., "A New Spoke Formation Model", 2006DPS...38.4214J [ADS](#)
- Sasso, C., Lagg, A., & Solanki, S. K., "Milne-Eddington inversions of the He I 10830 Å Stokes profiles: influence of the Paschen-Back effect", 2006A&A..456..367S [ADS](#)
- Yelles Chaouche, L., Cheung, M., Lagg, A., & Solanki, S., "Flux Emergence In The Solar Photosphere - Diagnostics Based On 3-D Rradiation-MHD Simulations", 2006IAUDJ..3E..75Y [ADS](#)
- Sasso, C., Lagg, A., & Solanki, S. K., "Multi-component analysis of a flaring region in the chromospheric He I 1083.0 nm triplet", 2006IAUDJ..3E..31S [ADS](#)
- Solanki, S. K., Raouafi, N. E., Gandorfer, A., Schühle, U., & Lagg, A., "Solar Coronal Magnetic Field Mapper", 2006ESASP.617E.160S [ADS](#)
- Mitchell, D. G., Brandt, P. C., Carbary, J. F., et al., "Planetary Rotation Modulation of Various Measured Plasma Parameters in Saturn's Magnetosphere: a Possible Mechanism", 2006AGU51P.44A..04M [ADS](#)
- Borrero, J. M., Solanki, S. K., Lagg, A., Socas-Navarro, H., & Lites, B., "On the fine structure of sunspot penumbrae. III. The vertical extension of penumbral filaments", 2006A&A..450..383B [ADS](#)
- Jones, G. H., Roussos, E., Krupp, N., et al., "Enceladus' Varying Imprint on the Magnetosphere of Saturn", 2006Sci...311.1412J [ADS](#)
- Saur, J., Mauk, B. H., Mitchell, D. G., et al., "Anti-planetward auroral electron beams at Saturn", 2006Natur.439..699S [ADS](#)
- Roussos, E., Krupp, N., Jones, G. H., et al., "Icy moon absorption signatures reveal non-axisymmetric drift shells in the Saturnian radiation belts: implications for a magnetospheric electric field?", 2006epsc.conf..545R [ADS](#)
- Kronberg, E. A., Woch, J., Krupp, N., Lagg, A., & Glassmeier, K. H., "Comparison periodic substorms at Jupiter and Earth", 2006epsc.conf..483K [ADS](#)
- Krupp, N., Jones, G. H., Roussos, E., et al., "The Saturnian magnetosphere after two years of Cassini in situ results", 2006epsc.conf..386K [ADS](#)
- Jones, G. H., Roussos, E., Krupp, N., et al., "The interaction of Rhea with Saturn's magnetosphere", 2006epsc.conf..382J [ADS](#)
- Krupp, N., Jones, G. H., Roussos, E., et al., "Particles and fields in Saturn's magnetosphere: Cassini results after 2 years in orbit", 2006cosp...36.2071K [ADS](#)
- Kronberg, E. A., Woch, J., Glassmeier, K. H., Krupp, N., & Lagg, A., "The magnetospheric dynamics: Periodic substorms and Jupiter and Earth", 2006cosp...36.1715K [ADS](#)
- Kronberg, E. A., Woch, J., Krupp, N., Lagg, A., & Glassmeier, K. H., "Comparison of the mass-release processes at Jupiter and Earth.", 2006cosp...36.1712K [ADS](#)
- Solanki, S. K. & Lagg, A., "Magnetic field measurements at different levels in the solar atmosphere and magnetic coupling", 2006cosp...36..916S [ADS](#)
- Radioti, A., Krupp, N., Woch, J., Lagg, A., & Glassmeier, K. H., "Temporal variability of the ion abundance ratios in the Jovian magnetosphere", 2006cosp...36..661R [ADS](#)
- Radioti, A., Woch, J., Kronberg, E., et al., "Energetic particle composition during substorm-like events in the Jovian magnetosphere", 2006cosp...36..660R [ADS](#)
- Lagg, A., "New insights into chromospheric structures from vector magnetic field measurements", 2006cosp...36..549L [ADS](#)
- Sasso, C., Lagg, A., Solanki, S. K., & Socas-Navarro, H., "Influence of the Paschen-Back effect on the results of polarimetric inversions of the He I 10830 Å triplet", 2006MSAIS..9..126S [ADS](#)
- Roussos, E., Krupp, N., Woch, J., et al., "Low energy electron microsignatures at the orbit of Tethys: Cassini MIMI/LEMMS observations", 2005GeoRL..3224107R [ADS](#)
- Yelles Chaouche, L., Cheung, M., Lagg, A., & Solanki, S., "Diagnostics of a Simulated Flux Tube Emergence", 2005ESASP.600E..74Y [ADS](#)
- Jones, G. H., Roussos, E., Krupp, N., et al., "Macrosignatures of the icy moons in the inner magnetosphere of Saturn", 2005AGU51P.43A0958J [ADS](#)

- Roussos, E., Krupp, N., Jones, G. H., et al., "Electron microsignatures from the Saturnian satellites: Cassini MIMI/LEMMS observations", 2005AGUFM.P43A0955R [ADS](#)
- Armstrong, T., Manweiler, J., Krupp, N., et al., "Observation of the Spectrum and Angular Distribution of Trapped Protons in Saturn's Inner Magnetosphere: Implications for Sources, Transport, and Loss", 2005AGUFM.P43A0951A [ADS](#)
- Krupp, N., Lagg, A., Woch, J., et al., "Global Structure and Dynamics of the Kronian Magnetosphere: Cassini Results", 2005AGUFM.P43A0949K [ADS](#)
- Sasso, C., Lagg, A., & Solanki, S. K., "Influence of the Paschen-Back Effect on the Stokes Profiles of the He I 10830 Å Triplet", 2005ESASP.596E..64S [ADS](#)
- Orozco Suárez, D., Lagg, A., & Solanki, S. K., "Photospheric and Chromospheric Magnetic Structure of a Sunspot", 2005ESASP.596E..590 [ADS](#)
- Aznar Cuadrado, R., Solanki, S. K., & Lagg, A., "Supersonic Downflows in the Solar Chromosphere are Very Common", 2005ESASP.596E..49A [ADS](#)
- Wiegelmann, T., Lagg, A., Solanki, S., Inhester, B., & Woch, J., "Magnetic Loops: a Comparison of Extrapolations from the Photosphere with Chromospheric Measurements", 2005ESASP.596E...7W [ADS](#)
- Lagg, A., "Results from Chromospheric Magnetic Field Measurements", 2005ESASP.596E...6L [ADS](#)
- , "International Scientific Conference on Chromospheric and Coronal Magnetic Fields", 2005ESASP.596E....I [ADS](#)
- , "International Scientific Conference on Chromospheric and Coronal Magnetic Fields", 2005ESASP.596....I [ADS](#)
- Paranicas, C., Mitchell, D. G., Livi, S., et al., "Evidence of Enceladus and Tethys microsignatures", 2005GeoRL..3220101P [ADS](#)
- Krimigis, S. M., Mitchell, D. G., Hamilton, D. C., et al., "Dynamics of energetic particles and neutrals in Saturn's variable magnetosphere: results from the MIMI investigation", 2005DPS....37.0604K [ADS](#)
- Radioti, A., Krupp, N., Woch, J., et al., "Ion abundance ratios in the Jovian magnetosphere", 2005JGRA..110.7225R [ADS](#)
- Krupp, N., Lagg, A., Woch, J., et al., "The Saturnian plasma sheet as revealed by energetic particle measurements", 2005GeoRL..3220S03K [ADS](#)
- Borrero, J. M., Lagg, A., Solanki, S. K., & Collados, M., "On the fine structure of sunspot penumbrae. II. The nature of the Evershed flow", 2005A&A...436..333B [ADS](#)
- Wiegelmann, T., Inhester, B., Lagg, A., & Solanki, S. K., "How To Use Magnetic Field Information For Coronal Loop Identification", 2005SoPh..228..67W [ADS](#)
- Waldrop, L. S., Fritz, T. A., Kivelson, M. G., et al., "Jovian plasma sheet morphology: particle and field observations by the Galileo spacecraft", 2005P&SS...53..681W [ADS](#)
- Krimigis, S. M., Mitchell, D. G., Hamilton, D. C., et al., "Saturn's Dynamic Magnetosphere: Energetic Particles and Neutrals from the Magnetospheric Imaging Instrument (MIMI)", 2005AGUSM.P14A..04K [ADS](#)
- Wiegelmann, T., Lagg, A., Solanki, S. K., Inhester, B., & Woch, J., "Comparing magnetic field extrapolations with measurements of magnetic loops", 2005A&A...433..701W [ADS](#)
- Krimigis, S. M., Mitchell, D. G., Hamilton, D. C., et al., "Overview of Results from the Cassini Magnetospheric Imaging Instrument (MIMI) During the First Year of Operations", 2005LPIC....36.1361K [ADS](#)
- Kronberg, E. A., Woch, J., Krupp, N., et al., "Mass release at Jupiter: Substorm-like processes in the Jovian magnetotail", 2005JGRA..110.3211K [ADS](#)
- Krimigis, S. M., Mitchell, D. G., Hamilton, D. C., et al., "Dynamics of Saturn's Magnetosphere from MIMI During Cassini's Orbital Insertion", 2005Sci...307.1270K [ADS](#)
- Aznar Cuadrado, R., Solanki, S. K., Lagg, A., & Thomas, R. M., "Signature of Current Sheets as Seen by Tip at VTT in the HeI Multiplet at 1083.0 nm", 2004ESASP.575..593A [ADS](#)
- Krupp, N., Woch, J., Lagg, A., et al., "Structure of Saturn's Magnetosphere as Revealed by Energetic Particles", 2004AGUFM.P54A..06K [ADS](#)
- Krimigis, S. M., Mitchell, D. G., Hamilton, D. C., et al., "Imaging of Saturn's magnetosphere and energetic particles obsered during Cassini's orbit insertion at Saturn", 2004DPS....36.0202K [ADS](#)
- Mauk, B. H., Mitchell, D. G., McEntire, R. W., et al., "Energetic ion characteristics and neutral gas interactions in Jupiter's magnetosphere", 2004JGRA..109.9S12M [ADS](#)
- Krupp, N., Woch, J., Lagg, A., et al., "Energetic particle observations in the vicinity of Jupiter: Cassini MIMI/LEMMS results", 2004JGRA..109.9S10K [ADS](#)
- Borrero, J. M., Solanki, S. K., Bellot Rubio, L. R., Lagg, A., & Mathew, S. K., "On the fine structure of sunspot penumbrae. I. A quantitative comparison of two semiempirical models with implications for the Evershed effect", 2004A&A...422.1093B [ADS](#)
- Mathew, S. K., Solanki, S. K., Lagg, A., et al., "Thermal-magnetic relation in a sunspot and a map of its Wilson depression", 2004A&A...422..693M [ADS](#)
- Tomás, A. T., Woch, J., Krupp, N., et al., "Energetic electrons in the inner part of the Jovian magnetosphere and their relation to auroral emissions", 2004JGRA..109.6203T [ADS](#)
- Paranicas, C., Lagg, A., Krupp, N., Woch, J., & Mauk, B. H., "Charged Particle Losses near the Inner Galilean Satellites", 2004AGUSMSM51A..05P [ADS](#)
- Mauk, B. H., Mitchell, D. G., McEntire, R. W., et al., "Europa's Neutral Gas Torus", 2004AGUSMSA22A..03M [ADS](#)
- Tomas, A., Woch, J., Krupp, N., et al., "Changes of the energetic particles characteristics in the inner part of the Jovian magnetosphere: a topological study", 2004P&SS...52..491T [ADS](#)
- Lagg, A., Woch, J., Krupp, N., & Solanki, S. K., "Retrieval of the full magnetic vector with the He I multiplet at 1083 nm. Maps of an emerging flux region", 2004A&A...414.1109L [ADS](#)
- Krupp, N., Vasylunas, V. M., Woch, J., et al., "Dynamics of the Jovian magnetosphere", in F. Bagenal, T. E. Dowling, and W. B. McKinnon (Eds.), Jupiter. The Planet, Satellites and Magnetosphere, Vol. 1, 617–638 2004jpsm.book..617K [ADS](#)
- Khurana, K. K., Kivelson, M. G., Vasylunas, V. M., et al., "The configuration of Jupiter's magnetosphere", in F. Bagenal, T. E. Dowling, and W. B. McKinnon (Eds.), Jupiter. The Planet, Satellites and Magnetosphere, Vol. 1, 593–616 2004jpsm.book..593K [ADS](#)
- Krupp, N., Lagg, A., Woch, J., et al., "Energetic Particles In The Vicinity Of Saturn: Cassini Mimi/Lemms Observations", 2004cosp...35.2723K [ADS](#)
- Ip, W. H., Hsu, W. H., Lagg, A., et al., "Microsignatures of satellite and ring absorption events", 2004cosp...35.1517I [ADS](#)
- Lagg, A., Woch, J., Krupp, N., Gandorfer, A., & Solanki, S. K., "Temporal evolution of chromospheric downflows", 2004IAUS..223..279L [ADS](#)
- Sicard, A., Bourdarie, S., Krupp, N., et al., "Long-term dynamics of the inner Jovian electron radiation belts", 2004AdSpR..33.2039S [ADS](#)
- Woch, J., Krupp, N., Lagg, A., & Tomás, A., "The structure and dynamics of the Jovian energetic particle distribution", 2004AdSpR..33.2030W [ADS](#)
- Solanki, S. K., Lagg, A., Woch, J., et al., "Successful Measurement of the Full Magnetic Vector Near the Base of the Solar Corona", 2003AGUFMSH41D..05S [ADS](#)
- Mathew, S. K., Lagg, A., Solanki, S. K., et al., "Three dimensional structure of a regular sunspot from the inversion of IR Stokes profiles", 2003A&A...410..695M [ADS](#)
- Berdyugina, S. V., Solanki, S. K., & Lagg, A., "Molecular Lines as Diagnostics of Solar and Stellar Magnetic Fields", 2003csss...12..210B [ADS](#)
- Solanki, S. K., Lagg, A., Woch, J., Krupp, N., & Collados, M., "Three-dimensional magnetic field topology in a region of solar coronal heating", 2003Natur.425..692S [ADS](#)
- Khomenko, E. V., Collados, M., Solanki, S. K., Lagg, A., & Trujillo Bueno, J., "Quiet-Sun inter-network magnetic fields observed in the infrared", 2003A&A...408.1115K [ADS](#)
- Lagg, A., Woch, J., Solanki, S. K., et al., "Infrared Polarimetry at the MPaE: The Solar Atmosphere from the Photosphere to the Upper Chromosphere", 2003ANS...324..29L [ADS](#)
- Lagg, A., Krupp, N., Woch, J., & Williams, D. J., "In-situ observations of a neutral gas torus at Europa", 2003GeoRL..30.1556L [ADS](#)
- Krupp, N., Woch, J., & Lagg, A., "Velocity Profiles Of Energetic Particles In The Jovian Magnetosphere", 2003EAJJA...10013K [ADS](#)
- Tomas, A., Woch, J., Krupp, N., et al., "Changes of the energetic particle characteristics in the inner jovian magnetosphere and the relation to auroral features", 2003EAJJA....9357T [ADS](#)
- Berdyugina, S. V., Solanki, S. K., & Lagg, A., "New Molecular Indicators of Sunspot Magnetic Fields: Infrared OH Lines", 2003ASPC..286..299B [ADS](#)
- Borrero, J. M., Lagg, A., Solanki, S. K., et al., "Modeling the Fine Structure of a Sunspot Penumbra through the Inversion of Stokes Profiles", 2003ASPC..286..235B [ADS](#)
- Mathew, S. K., Solanki, S. K., Lagg, A., et al., "Structure of a simple sunspot from the inversion of IR spectral data", 2003AN....324..388M [ADS](#)
- Mathew, S. K., Solanki, S. K., Lagg, A., et al., "Thermal-magnetic relation of a sunspot as inferred from the inversion of 1.5 μm spectral data", 2002ESASP.505..501M [ADS](#)
- Khomenko, E. V., Collados, M., Lagg, A., Solanki, S. K., & Trujillo Bueno, J., "Statistical properties of magnetic fields in intranetwork", 2002ESASP.505..445K [ADS](#)
- Krupp, N., Woch, J., Lagg, A., et al., "Leakage of energetic particles from Jupiter's dusk magnetosphere: Dual spacecraft observations", 2002GeoRL..29.1736K [ADS](#)
- Woch, J., Krupp, N., & Lagg, A., "Particle bursts in the Jovian magnetosphere: Evidence for a near-Jupiter neutral line", 2002GeoRL..29.1138W [ADS](#)
- Krimigis, S. M., Mitchell, D. G., Hamilton, D. C., et al., "A nebula of gases from Io surrounding Jupiter", 2002Natur.415..994K [ADS](#)
- Woch, J., Krupp, N., & Lagg, A., "The structure and dynamics of the Jovian energetic particle population", 2002cosp...34E.936W [ADS](#)

- Kirsch, E., Krupp, N., Lagg, A., et al., “*Particle Emission From The Earth and Jupiter Magnetospheres Measured By The Cassini-lemms-particle Detector*”, 2002EGSGA..27.5423K [ADS](#)
- Krupp, N., Woch, J., & Lagg, A., “*New Results of Energetic Particle Observations In The Duskside Jovian Magnetosphere*”, 2002EGSGA..27.2855K [ADS](#)
- Lagg, A., Krupp, N., Livi, S., et al., “*Energetic particle measurements during the earth swing-by of the Cassini spacecraft in August 1999*”, 2001JGR...10630209L [ADS](#)
- Krupp, N., Lagg, A., Livi, S., et al., “*Global flows of energetic ions in Jupiter’s equatorial plane: First-order approximation*”, 2001JGR...10626017K [ADS](#)
- Krimigis, S. M., Mitchell, D. G., Hamilton, D. G., et al., “*Observations in Jupiter’s Vicinity with the Magnetospheric Imaging Instrument (MIMI) During Cassini/Huygens Flyby (October 2000-March 2001)*”, 2001AGUSM...P51A11K [ADS](#)
- Krupp, N., Woch, J., Lagg, A., et al., “*Local time asymmetry of energetic ion anisotropies in the Jovian magnetosphere*”, 2001P&SS...49..283K [ADS](#)
- MacLennan, C. G., Lanzerotti, L. J., & Lagg, A., “*Hot plasma heavy ion abundance in the inner Jovian magnetosphere ( $\rho < 10 R_j$ )*”, 2001P&SS...49..275M [ADS](#)
- Paranicas, C., McEntire, R. W., Cheng, A. F., Lagg, A., & Williams, D. J., “*En- ergetic charged particles near Europa*”, 2000JGR...10516005P [ADS](#)
- Woch, J., Krupp, N., Khurana, K. K., et al., “*Plasma sheet dynamics in the Jovian magnetotail: Signatures For substorm-like processes ?*”, 1999GeoRL..26.2137W [ADS](#)
- Lagg, A., Krupp, N., Woch, J., et al., “*Determination of the neutral number density in the Io torus from Galileo-EPD measurements*”, 1998GeoRL..25.4039L [ADS](#)
- Woch, J., Krupp, N., Lagg, A., et al., “*Quasi-periodic modulations of the Jovian magnetotail*”, 1998GeoRL..25.1253W [ADS](#)
- Krupp, N., Woch, J., Lagg, A., et al., “*Energetic particle bursts in the predawn Jovian magnetotail*”, 1998GeoRL..25.1249K [ADS](#)
- Mauk, B. H., McEntire, R. W., Williams, D. J., et al., “*Galileo-measured depletion of near-Io hot ring current plasmas since the Voyager epoch*”, 1998JGR...103.4715M [ADS](#)
- Krupp, N., Lagg, A., Livi, S., et al., “*The Energetic Particles Detector (EPD) aboard the Galileo Spacecraft: First Results in the Jovian Magnetosphere*”, 1997ASSL..220..319K [ADS](#)