

Bibliography from ADS file: brosius.bib  
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- Brosius, J., Daw, A., Rabin, D., Landi, E., & Schmit, D., “First Imaging Spectroscopy of 92-115 Angstrom Solar Soft X-rays by EUNIS: Implications for Solar Coronal Heating”, 2021AGUFM5H12B..04B ADS
- Brosius, J. & Viall, N., “Evidence For Active Region Coronal Heating By Nanoflares Based On Time-lag Measurements In EUV Light Curves From EIS”, 2021AAS...23832813B ADS
- Brosius, J. W. & Viall, N. M., “Evidence of Solar Coronal Heating by Nanoflares Based on Time-Lag Measurements in EUV Light Curves from EIS”, 2020AGUFM5H0370004B ADS
- Brosius, J. W., Daw, A. N., & Landi, E., “Evidence for Solar Coronal Heating by Nanoflares Based on Coordinated EUV Spectra Observed with the EUNIS Sounding Rocket and Hinode/EIS”, 2019AGUFM5H53B373B ADS
- Brosius, J. W. & Inglis, A., “Localized Quasi-Periodic Fluctuations in C II, Si IV, and Fe XXI Emission During Chromospheric Evaporation in a Flare Ribbon Observed by IRIS and RHESSI on 2017 September 9”, 2019AAS...23420403B ADS
- Brosius, J. W. & Inglis, A. R., “Localized Quasi-periodic Fluctuations in C II, Si IV, and Fe XXI Emission during Chromospheric Evaporation in a Flare Ribbon Observed by IRIS on 2017 September 9”, 2018ApJ...867...85B ADS
- Allred, J., Daw, A., & Brosius, J., “A 3D Model of AR 11726 Heated by Nanoflares”, 2018arXiv180700763A ADS
- Klimchuk, J. A., Daldorff, L. K. S., Liu, Y.-H., et al., “The Case for Spectroscopic Observations of Very Hot Plasmas”, 2018teess.conf11003K ADS
- Brosius, J. W. & Inglis, A. R., “Explosive Chromospheric Evaporation and Warm Rain in a GOES C3 Flare Observed by IRIS, Hinode/EIS, and RHESSI”, 2017AGUFM5H41A2740B ADS
- Brosius, J. W. & Inglis, A. R., “Explosive Chromospheric Evaporation and Warm Rain in a C3.1 Flare Observed by IRIS, Hinode/EIS, and RHESSI”, 2017ApJ...848...39B ADS
- Christe, S., Bandler, S., DeLuca, E., et al., “Solving the Coronal Heating Problem using X-ray Microcalorimeters”, 2017arXiv170100795C ADS
- Ancheta, A. J., Daw, A. N., & Brosius, J. W., “Coordinated Observations of AR 11726 by Hinode/EIS and EUNIS-2013”, 2016AGUFM5H31B2558A ADS
- Brosius, J. W., Inglis, A. R., & Daw, A. N., “Quasi-Periodic Fluctuations and Chromospheric Evaporation in a Solar Flare Ribbon Observed by Hinode/EIS, IRIS, RHESSI, and Fermi/GBM”, 2016AGUFM5H14B..02B ADS
- Brosius, J. W., Daw, A. N., & Inglis, A. R., “Quasi-periodic Fluctuations and Chromospheric Evaporation in a Solar Flare Ribbon Observed by Hinode/EIS, IRIS, and RHESSI”, 2016ApJ...830...101B ADS
- Brosius, J. W., Daw, A. N., & Rabin, D. M., “Evidence for Nanoflare Heating of the Solar Corona from the EUNIS Sounding Rocket”, 2015AGUFM5H31D..01B ADS
- Brosius, J. W. & Daw, A. N., “Quasi-periodic Fluctuations and Chromospheric Evaporation in a Solar Flare Ribbon Observed by IRIS”, 2015ApJ...810...45B ADS
- Daw, A., Brosius, J., Haas, J. P., Plummer, T., & Rabin, D., “EUNIS 2013: Unambiguous Evidence for Impulsive Coronal Heating, Data Available”, 2015TESS...120401D ADS
- Brosius, J. W., Daw, A. N., & Rabin, D. M., “Eunis Observation of Pervasive Faint Fe XIX Line Emission from a Solar Active Region: Evidence for Coronal Heating By Nanoflares”, 2014AGUFM5H13C4130B ADS
- Brosius, J. W., Daw, A. N., & Rabin, D. M., “Pervasive Faint Fe XIX Emission from a Solar Active Region Observed with EUNIS-13: Evidence for Nanoflare Heating”, 2014ApJ...790...112B ADS
- Rabin, D. M., Landi, E., Daw, A. N., & Brosius, J. W., “Further Analysis of Active Region Thermal Structure from EUNIS-13”, 2014AAS...22432339R ADS
- Daw, A. N., Brosius, J. W., Rabin, D. M., Landi, E., & Klimchuk, J. A., “Evidence for Impulsive Coronal Heating from EUNIS 2013”, 2014AAS...22431204D ADS
- Brosius, J. W., “Rapid Evolution of the Solar Atmosphere during the Impulsive Phase of a Microflare Observed with the Extreme-ultraviolet Imaging Spectrometer aboard Hinode: Hints of Chromospheric Magnetic Reconnection”, 2013ApJ...777...135B ADS
- Daw, A. N., Rabin, D. M., Brosius, J. W., et al., “First Results from the EUNIS 2013 Sounding Rocket Campaign”, 2013SPD...4410501D ADS
- Daw, A. N., Brosius, J. W., Haas, J. P., et al., “EUNIS 2013 and Beyond: Resolving the AIA 94 and 131 Å Bandpasses”, 2013SPD...44...10D ADS
- Brosius, J. W., “Chromospheric Evaporation in Solar Flare Loop Strands Observed with the Extreme-ultraviolet Imaging Spectrometer on Board Hinode”, 2013ApJ...762...133B ADS
- Brosius, J. W., “Rapid Cadence Dual Slit EUV Spectroscopic Observation of Episodic Chromospheric Evaporation in a Solar Flare Loop”, 2012AGUFM5H43B2164B ADS
- Brosius, J. W., “Extreme-ultraviolet Spectroscopic Observation of Direct Coronal Heating during a C-class Solar Flare”, 2012ApJ...754...54B ADS
- Brosius, J. W., “EUV Rapid Cadence Spectroscopic Observation of Direct Coronal Heating During a C-class Solar Flare”, 2012AAS...22020421B ADS
- Brosius, J. W. & Holman, G. D., “Using SDO’s AIA to investigate energy transport from a flare’s energy release site to the chromosphere”, 2012A&A...540A..24B ADS
- Wang, T., Thomas, R. J., Brosius, J. W., et al., “Underflight Calibration of SOHO/CDS and Hinode/EIS with EUNIS-07”, 2011ApJS...197...32W ADS
- Brosius, J. W. & Holman, G., “Using AIA on SDO to Investigate the Transport of Flare Energy From Its Release Site to the Chromosphere”, 2011AGUFM5H44A..03B ADS
- Brosius, J. W., Wang, T. J., Rabin, D. M., Thomas, R. J., & Landi, E., “Coronal Bright Points and Quiet Sun Areas Observed with EUNIS-07 and EIS”, 2011SPD...42.1828B ADS
- Daw, A. N., Brosius, J. W., Criscuolo, E., et al., “New Capabilities of the EUNIS Sounding Rocket Instrument”, 2011SPD...42.1502D ADS
- Schaefer, R., Brosius, J. W., Bruhweiler, F., et al., “An Investigation of Solar Coronal Bright Points Based on EUV Spectra Obtained with EUNIS-07”, 2010AGUFM5H31C1805S ADS
- Chamberlin, P. C., Woods, T. N., Schrijver, C. J., et al., “Solar flare impulsive phase observations from SDO and other observatories”, 2010AGUFM5H23A1832C ADS
- Brosius, J. W., Holman, G., & Chamberlin, P. C., “Using AIA, RHESSI, EVE, and CDS Observations to Investigate the Temperature-Dependent Response of the Solar Atmosphere to Flares”, 2010AGUFM5H21C..05B ADS
- Brosius, J. W. & Holman, G. D., “Early Chromospheric Response During a Solar Microflare Observed With SOHO’s CDS and RHESSI”, 2010ApJ...720.1472B ADS
- Keenan, F. P., Milligan, R. O., Jess, D. B., et al., “Emission lines of FeXI in the 257-407Å wavelength region observed in solar spectra from EIS/Hinode and SERTS”, 2010MNRAS.404.1617K ADS
- Wang, T., Thomas, R. J., Brosius, J. W., et al., “Absolute Radiometric Calibration Of EUNIS, And Calibration Updates For Hinode/EIS And SOHO/CDS”, 2010AAS...21640704W ADS
- Brosius, J. W. & Holman, G. D., “Fast Cold Upflows During a Solar Microflare Observed with RHESSI and SOHO’s CDS”, 2010AAS...21640418B ADS
- Wang, T., Brosius, J. W., Thomas, R. J., Rabin, D. M., & Davila, J. M., “Absolute Radiometric Calibration of the EUNIS-06 170-205 Å Channel and Calibration Update for Coronal Diagnostic Spectrometer/Normal-Incidence Spectrometer”, 2010ApJS...186..222W ADS
- Brosius, J. W., “Conversion from Explosive to Gentle Chromospheric Evaporation During a Solar Flare”, 2009ApJ...701.1209B ADS
- Brosius, J. W., “Observation of the Conversion From Explosive to Gentle Chromospheric Evaporation During a Solar Flare”, 2009SPD...40.3603B ADS
- Coyner, A. J., Davila, J. M., Brosius, J. W., & Ofman, L., “Analysis of Active Region and Quiet Sun Spectra from SERTS-99 Observations”, 2009SPD...40.1216C ADS
- Brosius, J. W. & Holman, G. D., “Observations of the Thermal and Dynamic Evolution of a Solar Microflare”, 2009ApJ...692..492B ADS
- Keenan, F. P., Jess, D. B., Aggarwal, K. M., et al., “Emission lines of FeX in active region spectra obtained with the Solar Extreme-ultraviolet Research Telescope and Spectrograph”, 2008MNRAS.389..939K ADS
- Jess, D. B., Rabin, D. M., Thomas, R. J., et al., “Transition Region Velocity Oscillations Observed by EUNIS-06”, 2008ApJ...682.1363J ADS
- Brosius, J. W., Rabin, D. M., & Thomas, R. J., “Rapid Cadence EUNIS-06 Observations of a He II Transient Brightening in the Quiet Sun”, 2008ApJ...682..630B ADS
- Thomas, R., Wang, T., Rabin, D. M., Jess, D. B., & Brosius, J. W., “EUNIS Underflight Calibrations of CDS, EIT, TRACE, EIS, and EUVT”, 2008AGUSMSP51B..04T ADS
- Rabin, D. M., Thomas, R. J., & Brosius, J. W., “EUNIS-07: First Look”, 2008AGUSMSP51A..07R ADS
- Brosius, J. W., Rabin, D. M., & Thomas, R. J., “EUNIS-06 Rapid Cadence Observations of a He II Transient Brightening in the Quiet Sun”, 2008AGUSMSP51A..06B ADS
- Brosius, J. W., Rabin, D. M., Thomas, R. J., & Landi, E., “Analysis of a Solar Coronal Bright Point Extreme Ultraviolet Spectrum from the EUNIS Sounding Rocket Instrument”, 2008ApJ...677..781B ADS
- Wang, T., Brosius, J. W., Thomas, R. J., & Rabin, D. M., “Radiometric Calibration of EUNIS-06 With Theoretical Predicted ‘Insensitive’ Line Ratios”, 2007AGUFM5H53A1049W ADS
- Brosius, J. W., Rabin, D. M., & Thomas, R. J., “Analysis of a Bright Point Spectrum From the Extreme Ultraviolet Normal Incidence Spectrograph (EUNIS) Sounding Rocket Instrument”, 2007AGUFM5H21B..04B ADS
- Jordan, S. D. & Brosius, J. W., “EUNIS Results on He II 304 Å Line Formation”, 2007ASPC...368..183J ADS

- Holman, G. D. & Brosius, J. W., "Chromospheric Evaporation In A Remote Solar Flare-Like Transient Observed At High Time Resolution With SOHO-textquoterights CDS And RHESST", 2007AAS...210.9313H ADS
- Brosius, J. W., Rabin, D. M., & Thomas, R. J., "EUNIS And SOHO Observations Of A Cool Transient Brightening In The Quiet Sun", 2007AAS...210.2507B ADS
- Brosius, J. W. & Holman, G. D., "Chromospheric Evaporation in a Remote Solar Flare-like Transient Observed at High Time Resolution with SOHO's CDS and RHESST", 2007ApJ...659L..73B ADS
- Keenan, F. P., Jess, D. B., Aggarwal, K. M., et al., "Fe XIII emission lines in active region spectra obtained with the Solar Extreme-Ultraviolet Research Telescope and Spectrograph", 2007MNRAS.376..205K ADS
- Brosius, J. W., Rabin, D. M., & Thomas, R. J., "Doppler Velocities Measured in Coronal Emission Lines from a Bright Point Observed with the EUNIS Sounding Rocket", 2007ApJ...656L..41B ADS
- Brosius, J. W. & White, S., "Radio Measurements of the Height of Strong Coronal Magnetic Fields Above Sunspots at the Solar Limb", 2006SPD...37.0125B ADS
- Brosius, J. W. & White, S. M., "Radio Measurements of the Height of Strong Coronal Magnetic Fields Above Sunspots at the Solar Limb", 2006ApJ...641L..69B ADS
- Brosius, J. W., "Thermal Composition and Doppler Velocities in a Transequatorial Loop at the Solar Limb", 2006ApJ...636L..57B ADS
- Brosius, J. W. & Phillips, K. J., "High Time Resolution EUV Spectroscopy of Chromospheric Evaporation and Other Solar Phenomena", 2005AGUFM44A..07B ADS
- Rabin, D. M., Thomas, R. J., Davila, J. M., et al., "First Results From EUNIS 2005", 2005AGUFM41B1122R ADS
- Brosius, J. W. & Landi, E., "Properties of a Sunspot Plume Observed With the Coronal Diagnostic Spectrometer Aboard the Solar and Heliospheric Observatory", 2005ApJ...632.1196B ADS
- Keenan, F. P., Aggarwal, K. M., Ryans, R. S. I., et al., "Fe XI Emission Lines in a High-Resolution Extreme-Ultraviolet Active Region Spectrum Obtained by the Solar Extreme Ultraviolet Research Telescope and Spectrograph", 2005ApJ...624..428K ADS
- Reginald, N. L., Davila, J. M., St. Cyr, C., et al., "MACS for global measurements of the thermal electron temperature and its bulk flow speed in the low solar corona through ground based experiments", 2005AGUSMSP51B..04R ADS
- St. Cyr, O. C., Davila, J. M., Reginald, N. L., Brosius, J., & Moran, T., "Scientific Studies Using MACS: Coronal Reconnection Measurements and Solar Wind Acceleration Diagnostics", 2005AGUSMSP51B..03S ADS
- Brosius, J. W., Landi, E., & Thomas, R. J., "Elemental Abundances in a Sunspot Plume Observed With SERTS", 2005AGUSMSP11A..03B ADS
- Brosius, J. W., "Mass Flows in a Disappearing Sunspot Plume", 2005ApJ...622.1216B ADS
- Keenan, F. P., Aggarwal, K. M., Milligan, R. O., et al., "Emission lines of FeXV in spectra obtained with the Solar Extreme-Ultraviolet Research Telescope and Spectrograph", 2005MNRAS.356.1592K ADS
- Brosius, J. W. & Phillips, K. J. H., "Extreme-Ultraviolet and X-Ray Spectroscopy of a Solar Flare Loop Observed at High Time Resolution: A Case Study in Chromospheric Evaporation", 2004ApJ...613..580B ADS
- Brosius, J. W., "Coronal Diagnostics with Coordinated Radio and EUV/Soft X-Ray Observations", 2004ASSL..314..265B ADS
- Reginald, N. L., Davila, J. M., St. Cyr, O. C., & Brosius, J. W., "Technique for simultaneous and global measurements of coronal electron temperature and solar wind speed in the lower corona", 2004AAS...204.7302R ADS
- Brosius, J. W. & Phillips, K. J. H., "EUV and X-Ray Spectroscopy of a Solar Flare: a Case Study in Chromospheric Evaporation", 2004AAS...204.5412B ADS
- Keenan, F. P., Katsiyannis, A. C., Ramsbottom, C. A., et al., "A Comparison of Theoretical Si <Emphasis Type='SmallCaps'>VIII</Emphasis> Emission Line Ratios with Observations from Serts", 2004SoPh..219..251K ADS
- Brosius, J. W. & White, S. M., "Close Association of an Extreme-Ultraviolet Sunspot Plume with Depressions in the Sunspot Radio Emission", 2004ApJ...601..546B ADS
- Reginald, N. L., Cyr, O. C. S., Davila, J. M., & Brosius, J. W., "Electron Temperature and Speed Measurements in the Low Solar Corona: Results from the 2001 June Eclipse", 2003ApJ...599..596R ADS
- Brosius, J. W. & White, S. M., "Coronal Magnetic Fields in a Sunspot Plume at the Limb", 2003AGUFM42B0507B ADS
- Keenan, F. P., Katsiyannis, A. C., Brosius, J. W., Davila, J. M., & Thomas, R. J., "Emission lines of Na-like ions in spectra obtained with the Solar EUV Research Telescope and Spectrograph (SERTS)", 2003MNRAS.342..513K ADS
- Brosius, J. W., "Chromospheric Evaporation and Warm Rain During a Solar Flare Observed with SOHO's CDS", 2003SPD...34.1621B ADS
- Reginald, N. L., St. Cyr, O. C., Davila, J. M., & Brosius, J. W., "Electron Temperature and Speed Measurements in the Lower Solar Corona: Results from the June 2001 Eclipse", 2003SPD...34.0408R ADS
- Reginald, N. L., St. Cyr, O. C., Davila, J. M., & Brosius, J. W., "Electron Temperature and Speed Measurements in the Low Solar Corona: Results from the June 2001 Eclipse", 2003EAEJA...11383R ADS
- Brosius, J. W., "Chromospheric Evaporation and Warm Rain during a Solar Flare Observed in High Time Resolution with the Coronal Diagnostic Spectrometer aboard the Solar and Heliospheric Observatory", 2003ApJ...586.1417B ADS
- Keenan, F. P., Katsiyannis, A. C., Aggarwal, K. M., et al., "Si IX Emission Lines in Spectra Obtained with the Solar euv Research Telescope and Spectrograph (Serts)", 2003SoPh..212...65K ADS
- Brosius, J. W., Landi, E., Cook, J. W., et al., "Measurements of Three-dimensional Coronal Magnetic Fields from Coordinated Extreme-Ultraviolet and Radio Observations of a Solar Active Region Sunspot", 2002ApJ...574..453B ADS
- Brosius, J. W., White, S. M., Landi, E., et al., "New Measurements of 3-D Sunspot Coronal Magnetic Fields From Coordinated SOHO EUV and VLA Radio Observations", 2002AAS...200.0307B ADS
- Keenan, F. P., Mathioudakis, M., Katsiyannis, A. C., et al., "A Comparison of Theoretical mg vi Emission Line Strengths with Active-Region Observations From Serts", 2002SoPh..205..265K ADS
- Brosius, J. W., "Search for Evidence of Alpha Particle Beams during a Solar Flare", 2002mwoc.conf..283B ADS
- Pinfield, D. J., Keenan, F. P., Mathioudakis, M., et al., "Electron Densities in the Coroneae of the Sun and Procyon from Extreme-Ultraviolet Emission Line Ratios in Fe XI", 2001ApJ...562..566P ADS
- Brosius, J. W., "Search for Evidence of Alpha-Particle Beams during a Solar Flare Observed by the Coronal Diagnostic Spectrometer aboard the Solar and Heliospheric Observatory", 2001ApJ...555..435B ADS
- Brosius, J. W., Landi, E., Cook, J. W., et al., "Measurements of 3-D Sunspot Coronal Magnetic Fields From Coordinated SOHO EUV and VLA Radio Observations", 2001AGUSM..SH32C02B ADS
- Binello, A. M., Landi, E., Mason, H. E., Storey, P. J., & Brosius, J. W., "A comparison between theoretical and solar FeXII UV line intensity ratios UV line intensity ratios", 2001A&A...370.1071B ADS
- Binello, A. M., Landi, E., Mason, H. E., Storey, P. J., & Brosius, J. W., "VizieR Online Data Catalog: Fe XII UV line intensity ratios (Binello+, 2001)", 2001yCat...33701071B ADS
- White, S. M., Thomas, R. J., Brosius, J. W., & Kundu, M. R., "The Absolute Abundance of Iron in the Solar Corona (CD-ROM Directory: contri/white)", 2001ASPC..223.1361W ADS
- Keenan, F. P., Pinfield, D. J., Mathioudakis, M., et al., "S xi Emission Lines in Active Region Spectra Obtained with the Solar euv Rocket Telescope and Spectrograph (Serts)", 2000SoPh..197..253K ADS
- Brosius, J. W., Thomas, R. J., Davila, J. M., & Landi, E., "Analysis of a Solar Active Region Extreme-Ultraviolet Spectrum from SERTS-97", 2000ApJ...543.1016B ADS
- Keenan, F. P., O'Shea, E., Thomas, R. J., et al., "Six emission lines in spectra obtained with the Solar EUV Rocket Telescope and Spectrograph (SERTS)", 2000MNRAS.315..450K ADS
- White, S. M., Thomas, R. J., Brosius, J. W., & Kundu, M. R., "The Absolute Abundance of Iron in the Solar Corona", 2000SPD...31.1301W ADS
- Brosius, J. W., Thomas, R. J., Davila, J. M., & Landi, E., "Analysis of an Active Region EUV Spectrum from SERTS-97", 2000SPD...31.0214B ADS
- Andretta, V., Jordan, S. D., Brosius, J. W., et al., "The Role of Velocity Redistribution in Enhancing the Intensity of the He II 304 Å Line in the Quiet-Sun Spectrum", 2000ApJ...535..438A ADS
- White, S. M., Thomas, R. J., Brosius, J. W., & Kundu, M. R., "The Absolute Abundance of Iron in the Solar Corona", 2000ApJ...534L.203W ADS
- Brosius, J. W., Thomas, R. J., Davila, J. M., & Thompson, W. T., "SERTS-97 Measurements Of Relative Wavelength Shifts In Coronal Emission Lines Across A Solar Active Region", 2000SoPh..193..117B ADS
- Brosius, J. W. & Woodgate, B. E., "Using Temporal Variations of the Nonthermal Redshifted Ly-Alpha Emission to Deduce Properties of Proton Beams Injected into a Stellar Atmosphere", 2000ASPC..206..175B ADS
- Jordan, S., Andretta, V., Garcia, A., Brosius, J., & Behring, W., "Does Velocity Redistribution Really Enhance the He 304Å Line to Observed Intensities?", 1999ESASP.448..303J ADS
- Brosius, J. W., Thomas, R. J., & Davila, J. M., "SERTS-95 Measurements of Wavelength Shifts in Coronal Emission Lines Across a Solar Active Region", 1999ApJ...526..494B ADS
- Andretta, V., Jordan, S. D., Brosius, J. W., et al.: 1999, The Role of Velocity Redistribution in Enhancing the Intensity of the He II 304 Å Line in the Quiet Sun Spectrum, Technical Report, NASA Goddard Space Flight Center Greenbelt, MD United States 1999STIN...9909151A ADS

- Schmelz, J. T., Saba, J. L. R., Strong, K. T., Winter, H. D., & Brosius, J. W., "Emission Measure Distribution for an Active Region Using Coordinated SERTS and YOHKOH SXT Observations", 1999ApJ...523..432S ADS
- Brosius, J. W., Thomas, R. J., & Davila, J. M., "SERTS-95 Measurements of Wavelength Shifts in Coronal Emission Lines Across a Solar Active Region", 1999AAS...19410004B ADS
- Jordan, S. D., Andretta, V., Brosius, J. W., Behring, W. E., & García, A., "Velocity Redistribution as a He II 304 Intensity Enhancement Mechanism", 1999AAS...194.9310J ADS
- Brosius, J. W. & Woodgate, B. E., "Using Temporal Variations of the Nonthermal Redshifted Ly $\alpha$  Emission to Deduce Properties of Proton Beams Injected into a Stellar Atmosphere", 1999ApJ...514..430B ADS
- Swartz, M., Condor, C. E., Davila, J. M., et al.: 1999, *The SERTS-97 rocket experiment to study activity on the Sun: flight 36.167-GS on 1997 November 18*. 1999sret.book...S ADS
- Jordan, S., Andretta, V., García, A., Brosius, J., & Behring, W.: 1999, *Does Velocity Redistribution Really Enhance the HE 304 A Line to Observed Intensities?*, Technical Report, NASA Goddard Space Flight Center Greenbelt, MD United States 1999STIN...9909149J ADS
- Brosius, J. W.: 1999, *Coronal Magnetography of Solar Active Regions Using Coordinated SOHO/CDS and VLA Observations*, Technical Report, Raytheon STX Corp. Lanham, MD United States 1999STIN...0032789B ADS
- Brosius, J. W., Davila, J. M., & Thomas, R. J., "Solar Active Region and Quiet-Sun Extreme-Ultraviolet Spectra from SERTS-95", 1998ApJS...119..255B ADS
- Falconer, D. A., Jordan, S. D., Brosius, J. W., et al., "Using Strong Solar Coronal Emission Lines as Coronal Flux Proxies", 1998SoPh...180..179F ADS
- Brosius, J. W., Davila, J. M., & Thomas, R. J., "Calibration of the SERTS-95 Spectrograph from Iron Line Intensity Ratios", 1998ApJ...497L.113B ADS
- Aschwanden, M. J., Neupert, W. M., Newmark, J., et al., "3-Dimensional Models of Active Region Loops", 1998ASPC...155..145A ADS
- Thompson, W. T., Thomas, R. J., Davila, J. M., Jordan, S. D., & Brosius, J. W., "Coordinated Observations with SOHO/CDS and SERTS", 1998AAS...191.7316T ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., & White, S. M., "The Measurement of Solar Active Region Properties with EUV Spectra and Spectroheliograms from SERTS", 1997AAS...191.7315B ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., & White, S. M., "Coronal Magnetography of a Solar Active Region Using Coordinated SERTS and VLA Observations", 1997ApJ...488..488B ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., & White, S. M., "Coronal Magnetography of a Solar Active Region Using Coordinated SERTS and VLA Observations", 1997SPD...28..0135B ADS
- Brosius, J. W. & Woodgate, B. E., "Using Temporal Variations of the Nonthermal Redshifted Ly- $\alpha$  Emission to Deduce Properties of Proton Beams Injected into a Stellar Atmosphere", 1997AAS...190.2514B ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., et al., "The Structure and Properties of Solar Active Regions and Quiet-Sun Areas Observed in Soft X-Rays with Yohkoh/SXT and in the Extreme-Ultraviolet with SERTS", 1997ApJ...477..969B ADS
- Davila, J. M., Thomas, R. J., Brosius, J., & Poland, A., "The structure of the solar corona as observed by the Solar Extreme Ultraviolet Rocket Telescope and Spectrograph", 1997AdSpR...20..2293D ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., & Monsignori-Fossi, B. C., "Measuring Active and Quiet-Sun Coronal Plasma Properties with Extreme-Ultraviolet Spectra from SERTS", 1996ApJS...106..143B ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., & Hara, H., "The Structure and Properties of Solar Active Regions and Quiet Sun Areas Observed With SERTS and YOHKOH", 1996AAS...188.3715B ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., Jordan, S. D., & Monsignori-Fossi, B. C., "Solar EUV spectroscopy with serts: measurements of active and quiet Sun properties.", 1996uxsa.conf...83B ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., Monsignori-Fossi, B. C., & Saba, J. L. R., "Measurements of Active and Quiet Sun Coronal Plasma Properties with SERTS EUV Spectra", 1996mpsa.conf...421B ADS
- Brosius, J. W.: 1996, *Plasma Properties and Magnetic Field Structure of the Solar Corona, Based on Coordinated Max 1991 Observations from SERTS, the VLA, and Magnetographs*, Technical Report, Hughes STX, Inc. Lanham, MD United States 1996hstx.rept....B ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., & Monsignori-Fossi, B. C., "Measurements of Active and Quiet Sun Coronal Plasma Properties with SERTS EUV Spectra", 1995SPD...26..607B ADS
- Brosius, J. W., Robinson, R. D., & Maran, S. P., "Heating and Ionization of Stellar Chromospheres by Nonthermal Proton Beams: Implications for Impulsive Phase, Redshifted Lyman- $\alpha$  Radiation in Stellar Flares", 1995ApJ...441..385B ADS
- Brosius, J. W.: 1995, *Plasma properties and magnetic field structure of the solar corona, based on coordinated Max 1991 observations from SERTS, the VLA, and magnetographs*, Semiannual Report, 12 Jul. 1994 - 12 Jan. 1995 Hughes STX, Inc., Lanham, MD. 1995hstx.reptQ...B ADS
- Schmelz, J. T., Holman, G. D., Brosius, J. W., & Willson, R. F., "Coronal Magnetic Structures Observing Campaign. III. Coronal Plasma and Magnetic Field Diagnostics Derived from Multiwaveband Active Region Observations", 1994ApJ...434..786S ADS
- Brosius, J. W., Davila, J. M., Thomas, R. J., & Thompson, W. T., "Solar Coronal Temperature Diagnostics Using Emission Lines from Multiple Stages of Ionization of Iron", 1994ApJ...425..343B ADS
- Neupert, W. M., Brosius, J. W., Thomas, R. J., & Thompson, W. T., "Evidence of mass outflow in the low corona over a large sunspot", 1994AdSpR...14d..61N ADS
- Maran, S. P., Robinson, R. D., Shore, S. N., et al., "Observing Stellar Coronae with the Goddard High Resolution Spectrograph. I. The dMe Star AU Microscopii", 1994ApJ...421..800M ADS
- Brosius, J. W., Robinson, R. D., & Maran, S. P., "Lyman-Alpha Emission as a Diagnostic of Suprathermal Proton Properties in Stellar Flares", 1994ASPC...64..360B ADS
- Brosius, J. W., Davila, J. M., Thompson, W. T., et al., "Simultaneous Observations of Solar Plage with the Solar Extreme Ultraviolet Rocket Telescope and Spectrograph (SERTS), the VLA, and the Kitt Peak Magnetograph", 1993ApJ...411..410B ADS
- Brosius, J. W., Davila, J. M., Thompson, W. T., et al., "Solar Coronal Plasma and Magnetic Field Diagnostics Using SERTS and Coordinated VLA Observations", 1993BAAS...25.1224B ADS
- Neupert, W. M., Brosius, J. W., Thomas, R. J., & Thompson, W. T., "Extreme ultraviolet observation of mass flow in the low corona over a large sunspot.", 1993uxrs.conf..361N ADS
- Brosius, J. W., Davila, J. M., Jones, H. P., et al., "Analysis of EUV, Microwave and Magnetic Field Observations of Solar Plage", 1993ASPC...46..291B ADS
- Schmieder, B., Mein, N., Golub, L., et al., "Underneath coronal loops: MSDP observations coordinated with SERTS 4 and NIXT flights.", 1992ESASP.348..257S ADS
- Schmelz, J. T., Holman, G. D., Brosius, J. W., & Gonzalez, R. D., "Coronal Magnetic Structures Observing Campaign. II. Magnetic and Plasma Properties of a Solar Active Region", 1992ApJ...399..733S ADS
- Neupert, W. M., Brosius, J. W., Thomas, R. J., & Thompson, W. T., "Evidence for Mass Outflow in the Low Solar Corona over a Large Sunspot", 1992ApJ...392L..95N ADS
- Aschwanden, M. J., Bastian, T. S., Benz, A. O., & Brosius, J. W., "Decimetric Solar Type U Bursts: VLA and PHOENIX Observations", 1992ApJ...391..380A ADS
- Schmelz, J. T., Holman, G. D., & Brosius, J. W., "CoMStOC '92: The Coronal Magnetic Structures Observing Campaign", 1992AAS...180.4511S ADS
- Brosius, J. W., Davila, J. M., Jones, H. P., et al., "Analysis of EUV, Microwave, and Magnetic Field Observations of a Solar Active Region", 1992AAS...180.4002B ADS
- Brosius, J. W., Willson, R. F., Holman, G. D., & Schmelz, J. T., "Coronal Magnetic Structures Observing Campaign. IV. Multiwaveband Observations of Sunspot and Plage-associated Coronal Emission", 1992ApJ...386..347B ADS
- Brosius, J. W., Willson, R. F., Holman, G. D., & Schmelz, J. T.: 1992c, *CoMStOC 4: Multiwaveband observations of sunspot and plage-associated coronal emission*, Interim Report Tufts Univ., Medford, MA. Dept. of Physics and Astronomy. 1992tuft.rept....B ADS
- Brosius, J. W., Holman, G. D., & Schmelz, J. T., "Microwave polarization inversion observed", 1991EOSTr...72..449B ADS
- Brosius, J. W., Davila, J. M., Thompson, W. T., et al., "Simultaneous EUV, Microwave, and Magnetic Field Observations of Solar Active Regions", 1991BAAS...23.1388B ADS
- Nitta, N., White, S. M., Kundu, M. R., et al., "Coronal Magnetic Structures Observing Campaign. I. Simultaneous Microwave and Soft X-Ray Observations of Active Regions at the Solar Limb", 1991ApJ...374..374N ADS
- Thompson, W. T., Neupert, W. M., Brosius, J. W., Jones, H. P., & Schmieder, B., "Comparison of SERTS Spectroheliograms with Ground-Based Observations", 1991BAAS...23R1061T ADS
- Schmelz, J. T., Holman, G. D., Brosius, J. W., & Willson, R. F., "CoMStOC III: Measuring Magnetic Fields in Active Region Coronal Plasma", 1991BAAS...23R1045S ADS
- Neupert, W. M., Brosius, J. W., Thompson, W. T., & Thomas, R. J., "Coronal Mass Flows and Turbulence from High Resolution Extreme Ultraviolet Observations", 1991BAAS...23.1062N ADS
- Brosius, J. W., Thompson, W. T., & Neupert, W. M., "A Comparison of SERTS EUV Spectroheliograms with Solar Active Region and Quiet Sun Magnetic Field Structure", 1991BAAS...23.1061B ADS

Holman, G. D., Brosius, J. W., Schmelz, J. T., & Willson, R. F., “*On the Polarization of Microwave Emission from Active Regions: Results from CoMStOC*”, 1991BAAS...23..1045H [ADS](#)

Brosius, J. W., Holman, G. D., & Schmelz, J. T., “*Microwave polarization inversion observed*”, 1991EOSTr...72R.449B [ADS](#)

Holman, G. D., Brosius, J. W., Nitta, N., et al., “*CoMStOCI: Physical Properties of an Active Region Loop Observed at the Solar Limb*”, 1990BAAS...22..899H [ADS](#)

Brosius, J. W., Holman, G. D., Willson, R. F., & Schmelz, J. T., “*CoMStOCIV: Interpretation of Multiwavelength Observations of a Sunspot and Plage*”, 1990BAAS...22..794B [ADS](#)

Brosius, J. W. & Holman, G. D., “*The Structure of the Microwave Emission from Sunspot Magnetic Fields*”, 1989ApJ...342.1172B [ADS](#)

Brosius, J. W., Holman, G. D., Nitta, N., et al., “*Interpretation of Multiwavelength Observations of Solar Active Regions Obtained During CoMStOC*”, 1989BAAS...21..838B [ADS](#)

Nitta, N., White, S., Kundu, M., et al., “*Simultaneous Microwave and Soft X-ray Observations of Active Regions at the Solar Limb*”, 1989BAAS...21..828N [ADS](#)

Harrison, R. A., Bentley, R. D., Brosius, J., et al., “*Largescale Magnetic Field Phenomena*”, 1989tnti.conf...1H [ADS](#)

Brosius, J. W. & Holman, G. D., “*Theoretical Models of Free-free Microwave Emission from Solar Magnetic Loops*”, 1988ApJ...327..417B [ADS](#)

Holman, G. D., Brosius, J. W., & Pfarr, B. B., “*Numerical Computations of the Microwave Emission from Model Solar Magnetic Loops*”, 1988BAAS...20Q.713H [ADS](#)

Brosius, J. W., Holman, G. D., & Pfarr, B. B., “*Numerical Computations of the Microwave Emission from Model Sunspots*”, 1988BAAS...20..713B [ADS](#)

Brosius, J. W., Holman, G. D., Niedner, M. B., et al., “*The cause of two plasma-tail disconnection events in comet P/Halley during the ICE-Halley radial period*”, 1987A&A...187..267B [ADS](#)

Brosius, J. W. & Holman, G. D., “*Theoretical models of free-free microwave emission from solar magnetic loops*”, 1986NASCP2442..303B [ADS](#)

Brosius, J. W. & Holman, G. D., “*Theoretical models of free-free microwave emission from solar magnetic loops.*”, 1986NASCP2442..301B [ADS](#)

Niedner, M. B., Brosius, J. W., Holman, G. D., et al., “*Large-Scale Plasma Activity in Halley During the ICE Radial Interval: 1986 March 20-April 15*”, 1986BAAS...18R.819N [ADS](#)

Brosius, J. W. & Holman, G. D., “*Theoretical Models of the Microwave Emission from Solar Magnetic Loops*”, 1986BAAS...18..677B [ADS](#)

Brosius, J. W. & Mullan, D. J., “*Models of Transition Regions in Hybrid Stars*”, 1986ApJ...301..650B [ADS](#)

Brosius, J. W.: 1985a, “*A study of hybrid atmosphere stars: Transition region modeling and chromospheric emission variability*”, *Ph.D. thesis*, University of Delaware 1985PhDT.....210B [ADS](#)

Brosius, J. W.: 1985b, “*A Study of Hybrid Atmosphere Stars: Transition Region Modeling and Chromospheric Emission Variability*”, *Ph.D. thesis*, University of Delaware 1985PhDT.....8B [ADS](#)

Brosius, J. W., Mullan, D. J., & Stencel, R. E., “*Rotational modulation of chromospheric emission in cool giants and “hybrid” stars.*”, 1985ApJ...288..310B [ADS](#)

Brosius, J. W., Mullan, D. J., & Stencel, R. E., “*Rotational modulation of chromospheric emission in cool giants and “hybrid” stars.*”, 1984NASCP2349..476B [ADS](#)

Brosius, J. W., Mullan, D. J., & Stencel, R. E., “*Rotational Modulation of Chromospheric Emission in Cool Giants and ‘Hybrid’ Stars*”, 1984BAAS...16..491B [ADS](#)