

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

- Dere, K. P., “The Temperature and Emission Measure Distribution in the Quiet and Active Solar Corona: A Bayesian Approach”, 2022ApJ...930...86D [ADS](#)
- Del Zanna, G., Dere, K. P., Young, P. R., & Landi, E., “CHIANTI-An Atomic Database for Emission Lines. XVI. Version 10, Further Extensions”, 2021ApJ...909...38D [ADS](#)
- Dere, K. P., “Quiet Sun electron densities and their uncertainties derived from spectral emission line intensities”, 2020MNRAS.496.2334D [ADS](#)
- Young, P. R., Dere, K. P., Del Zanna, G., Landi, E., & Sutherland, R., “Latest updates to the CHIANTI atomic database”, 2019AA...23431402Y [ADS](#)
- Dere, K. P., Del Zanna, G., Young, P. R., Landi, E., & Sutherland, R. S., “CHIANTI-An Atomic Database for Emission Lines. XV. Version 9, Improvements for the X-Ray Satellite Lines”, 2019ApJS..241...22D [ADS](#)
- Young, P. R., Dere, K. P., Landi, E., Del Zanna, G., & Mason, H. E., “The CHIANTI atomic database”, 2016JPhB...49g4009Y [ADS](#)
- Del Zanna, G., Dere, K. P., Young, P. R., Landi, E., & Mason, H. E., “CHIANTI - An atomic database for emission lines. Version 8”, 2015A&A...582A..56D [ADS](#)
- Dere, K.: 2013, Chiantipy: Python package for the CHIANTI atomic database, Astrophysics Source Code Library, record ascl:1308.017 2013ascl.soft08017D [ADS](#)
- Young, P. R., Landi, E., Del Zanna, G., Dere, K. P., & Mason, H. E., “CHIANTI 7.1: a new database release for SDO data analysis”, 2013enss.confE..58Y [ADS](#)
- Landi, E., Young, P. R., Dere, K. P., Del Zanna, G., & Mason, H. E., “CHIANTI - An Atomic Database for Emission Lines. XIII. Soft X-Ray Improvements and Other Changes”, 2013ApJ...763...86L [ADS](#)
- Dere, K. P., “Recent Developments with the CHIANTI Atomic Database for Astrophysical Spectroscopy”, 2012AA...544.102D [ADS](#)
- Landi, E., Del Zanna, G., Young, P. R., Dere, K. P., & Mason, H. E., “CHIANTI - An Atomic Database for Emission Lines. XII. Version 7 of the Database”, 2012ApJ...744...99L [ADS](#)
- Dere, K. P., “Recent Progress with the CHIANTI Atomic Database for Astrophysical Spectroscopy”, 2011AA...521.13402D [ADS](#)
- Dere, K. P., “The Coronal Mass of Solar Active Regions”, 2009SPD...40.3702D [ADS](#)
- Dere, K. P., “Chiantipy - The Python Interface To Chianti”, 2009SPD...40.1505D [ADS](#)
- Dere, K. P., Landi, E., Young, P., et al., “CHIANTI Version 6.0 - Inclusion of Ionization and Recombination Rates”, 2009SPD...40.1504D [ADS](#)
- Dere, K. P., Landi, E., Young, P. R., et al., “CHIANTI - an atomic database for emission lines. IX. Ionization rates, recombination rates, ionization equilibria for the elements hydrogen through zinc and updated atomic data”, 2009AA...498..915D [ADS](#)
- Dere, K. P., “The plasma filling factor of coronal bright points. II. Combined EIS and TRACE results”, 2009AA...497..287D [ADS](#)
- Dere, K. P., “The plasma filling factor of coronal bright points. Coronal bright points”, 2008AA...491..561D [ADS](#)
- Dere, K. P., “VizieR Online Data Catalog: Plasma filling factor of coronal bright points (Dere+, 2008)”, 2008yCat..34910561D [ADS](#)
- Dere, K. P., “The Plasma Filling Factor of Coronal Bright Points”, 2008AGUSMSP31D..04D [ADS](#)
- Dere, K. P., Doschek, G. A., Mariska, J. T., et al., “The Structure and Dynamics of the Quiet Corona from Observations with the Extreme ultraviolet Imaging Spectrometer”, 2007AGUFMSH53A1046D [ADS](#)
- Brown, C. M., Hara, H., Kamio, S., et al., “Wavelength Determination for Solar Features Observed by the EUV Imaging Spectrometer on Hinode”, 2007PASJ...59S.865B [ADS](#)
- Young, P. R., Del Zanna, G., Mason, H. E., et al., “EUV Emission Lines and Diagnostics Observed with Hinode/EIS”, 2007PASJ...59S.857Y [ADS](#)
- Dere, K. P., Doschek, G. A., Mariska, J. T., et al., “The Structure and Dynamics of the Quiet Corona from Observations with the Extreme Ultraviolet Imaging Spectrometer on Hinode”, 2007PASJ...59S.721D [ADS](#)
- Doschek, G. A., Mariska, J. T., Warren, H. P., et al., “The Temperature and Density Structure of an Active Region Observed with the Extreme-Ultraviolet Imaging Spectrometer on Hinode”, 2007PASJ...59S.707D [ADS](#)
- Matsuzaki, K., Hara, H., Watanabe, T., et al., “Hot and Cool Loops Composing the Corona of the Quiet Sun”, 2007PASJ...59S.683M [ADS](#)
- Dere, K., Landi, E., Del Zanna, G., et al., “Application of CHIANTI to Solar-B”, 2007ASPC..369...35D [ADS](#)
- Dere, K. P., “VizieR Online Data Catalog: Ionization rate coefficients for elements H to Zn (Dere+, 2007)”, 2007yCat..34660771D [ADS](#)
- Culhane, J. L., Harra, L. K., James, A. M., et al., “The EUV Imaging Spectrometer for Hinode”, 2007SoPh..243...19C [ADS](#)
- Muglach, K. & Dere, K., “Transition Region Explosive Events and their Relation to the Solar Magnetic Field”, 2007AA...466..771D [ADS](#)
- Dere, K. P., “Ionization rate coefficients for the elements hydrogen through zinc”, 2007AA...466..771D [ADS](#)
- Zhou, G. P., Wang, J. X., Zhang, J., et al., “Two Successive Coronal Mass Ejections Driven by the Kink and Drainage Instabilities of an Eruptive Prominence”, 2006ApJ...651.1238Z [ADS](#)
- Zhang, J. & Dere, K. P., “A Statistical Study of Main and Residual Accelerations of Coronal Mass Ejections”, 2006ApJ...649.1100Z [ADS](#)
- Doschek, G. A., Brown, C. M., Korendyke, C. M., et al., “The Extreme Ultraviolet Imaging Spectrometer (EIS) on Solar-B”, 2006SPD...37.3604D [ADS](#)
- Zhou, G. P., Wang, J. X., Zhang, J., et al., “CMEs driven by an eruptive prominence”, 2006IAUS..233..405Z [ADS](#)
- Landi, E., Del Zanna, G., Young, P. R., et al., “CHIANTI-An Atomic Database for Emission Lines. VII. New Data for X-Rays and Other Improvements”, 2006ApJS..162..261L [ADS](#)
- Dere, K. P. & Landi, E., “Application of CHIANTI to High Resolution Solar Spectra”, 2005AGUFMSH44A..02D [ADS](#)
- Korendyke, C. M., Brown, C., Dere, K., et al., “Observing the Solar atmosphere with the Extreme Ultraviolet Imaging Spectrometer on Solar B”, 2005AGUFMSH41B1124K [ADS](#)
- Dere, K., Wang, J., & Yan, Y.: 2005, Coronal and Stellar Mass Ejections (IAU S226) 2005csme.book.....D [ADS](#)
- , “Coronal and Stellar Mass Ejections, IAU Symposium Proceedings of the International Astronomical Union 226”, 2005IAUS..226....D [ADS](#)
- Landi, E., Dere, K. P., Young, P. R., et al., “Recent developments of the CHIANTI database in the X-ray wavelength range”, 2005AIPC..774..409L [ADS](#)
- Mariska, J. T., Brown, C. M., Doschek, G. A., et al., “The Extreme Ultraviolet Imaging Spectrometer on Solar-B”, 2005AGUSMSP43A..02M [ADS](#)
- Morrill, J., Korendyke, C., & Dere, K., “The correlation between features in the solar spectrum near Mg II and photospheric magnetic fields”, 2005AGUSMSP41B..06M [ADS](#)
- Dere, K. P., Wang, D., & Howard, R., “Three-dimensional Structure of Coronal Mass Ejections from LASCO Polarization Measurements”, 2005ApJ...620L.119D [ADS](#)
- Muglach, K. & Dere, K., “The Evolution of Photospheric Source Regions of CMEs”, 2005IAUS..226..179M [ADS](#)
- Dere, K. & Wang, D., “The Three Dimensional Structure of CMEs from LASCO Polarization Measurements”, 2005IAUS..226..114D [ADS](#)
- Landi, E., Dere, K. P., Young, P. R., et al., “The CHIANTI database”, 2005HiA...13..653L [ADS](#)
- Morrill, J., Korendyke, C., & Dere, K., “Solar UV Spectral Radiance from SKYLAB”, 2004AGUFMSH53A0305M [ADS](#)
- Dere, K. P., Wang, D., & Howard, R., “The 3D structure of CMEs from LASCO polarization measurements”, 2004AGUFMSH22A..03D [ADS](#)
- Landi, E., Dere, K. P., Mason, H. E., et al., “Recent development of the CHIANTI database in the X-ray wavelength range”, 2004AA...504.7310L [ADS](#)
- Morrill, J., Korendyke, C., & Dere, K., “A Comparison of the Mg II Index Derived from Estimated and Observed Solar Spectra”, 2004AAS...204.7207M [ADS](#)
- Muglach, K. & Dere, K., “The Evolution of Photospheric Source Regions of CMEs”, 2004AAS...204.3808M [ADS](#)
- Zhang, J., Dere, K. P., Howard, R. A., & Vourlidas, A., “A Study of the Kinematic Evolution of Coronal Mass Ejections”, 2004ApJ...604..420Z [ADS](#)
- Seely, J. F., Windt, D. L., Donguy, S., et al., “Performance of multilayer-coated gratings for the extreme-ultraviolet imaging spectrometer (EIS) for the Solar-B mission”, 2004SPIE.5168...12S [ADS](#)
- Young, P. R., Landi, E., Bromage, G. E., et al., “CHIANTI – An Atomic Database for UV and X-ray Cool star spectroscopy”, 2003csss...12.1119Y [ADS](#)
- Dere, K. P., “Normal-incidence EXtreme-Ultraviolet imaging Spectrometer - NEXUS”, 2003SPD...34.2405D [ADS](#)
- Mariska, J. T., Brown, C. M., Dere, K. P., et al., “Expected Performance of the Extreme Ultraviolet Imaging Spectrometer on Solar-B”, 2003SPD...34.2006M [ADS](#)
- Morrill, J. S., Dere, K. P., & Korendyke, C. M., “High Resolution Limb Darkening Function Near 2800/ÅA/Measured by HRTS”, 2003SPD...34.1909M [ADS](#)
- Reinard, A. A., Dere, K., & Howard, R., “Association between CME/Flare Events and Enhanced Oxygen Charge States”, 2003SPD...34.0608R [ADS](#)
- Dere, K. P., “Chianti: Inclusion of Ionization and Recombination Rates”, 2003IAUJD..17E..17D [ADS](#)
- Landi, E., Dere, K. P., Landini, M., et al., “CHIANTI - An Atomic Database for XUV Emission Lines”, 2003IAUJD..17E..10L [ADS](#)
- Reinard, A., Dere, K., Howard, R., & Zurbuchen, T., “In Situ and Heliospheric CME Signature Relations”, 2003IAUJD..7E..31R [ADS](#)
- Young, P. R., Del Zanna, G., Landi, E., et al., “CHIANTI-An Atomic Database for Emission Lines. VI. Proton Rates and Other Improvements”, 2003ApJS..144..135Y [ADS](#)

- Zhang, J., Dere, K. P., Howard, R. A., & Bothmer, V., "Identification of Solar Sources of Major Geomagnetic Storms between 1996 and 2000", [2003ApJ...582..520Z ADS](#)
- Landi, E., Feldman, U., & Dere, K. P., "A Comparison between Coronal Emission Lines from an Isothermal Spectrum Observed with the Coronal Diagnostic Spectrometer and CHIANTI Emissivities", [2002ApJ...574..495L ADS](#)
- Zhang, J., Dere, K. P., & Howard, R. A., "Identifying Solar Sources of Major Geomagnetic Storms", [2002AAS...200.2805Z ADS](#)
- Landi, E., Feldman, U., & Dere, K. P., "CHIANTI-An Atomic Database for Emission Lines. V. Comparison with an Isothermal Spectrum Observed with SUMER", [2002ApJS..139..281L ADS](#)
- Mason, H. E., Del Zanna, G., Dere, K. P., et al., "The CHIANTI Atomic Database and Instrument Calibration: a Symbiosis", [2002ISSIR...2..271M ADS](#)
- Howard, R. A., Moses, J. D., Socker, D. G., et al., "Sun earth connection coronal and heliospheric investigation (SECCHI)", [2002AdSpR..29.2017H ADS](#)
- Zhang, J., Dere, K., & Howard, R. A., "Relationship Between Coronal Mass Ejections and Flares", [2001AGUFMSH31C..05Z ADS](#)
- Morrill, J. S., Dere, K. P., Korendyke, C. M., & Floyd, L. E., "Solar Irradiance Variability Modeled Near Mg II Using Plage and Sunspot Contrast Factors Measured by HRTS", [2001AGUFMSH11C0733M ADS](#)
- Zhang, J., Kundu, M. R., White, S. M., Dere, K. P., & Newmark, J. S., "Reconciling Extreme-Ultraviolet and Radio Observations of the Sun's Corona", [2001ApJ...561..396Z ADS](#)
- Subramanian, P. & Dere, K. P., "Source Regions of Coronal Mass Ejections", [2001ApJ...561..372S ADS](#)
- Dere, K. P. & Landi, E., "CHIANTI - An atomic database for X-EUV spectral lines", [2001tysc.conf..64D ADS](#)
- Zhang, J., Dere, K. P., Howard, R. A., Kundu, M. R., & White, S. M., "On the Temporal Relationship between Coronal Mass Ejections and Flares", [2001ApJ...559..452Z ADS](#)
- Morrill, J. S., Dere, K. P., & Korendyke, C. M., "The Sources of Solar Ultraviolet Variability between 2765 and 2885 Å: Mg I, Mg II, Si I, and Continuum", [2001ApJ...557..854M ADS](#)
- Dere, K. P., Landi, E., Young, P. R., & Del Zanna, G., "CHIANTI-An Atomic Database for Emission Lines. IV. Extension to X-Ray Wavelengths", [2001ApJS..134..331D ADS](#)
- Korendyke, C. M., Vourlidas, A., Cook, J. W., et al., "High-resolution Imaging of the Upper Solar Chromosphere: First Light Performance of the Very-high-Resolution Advanced ULtraviolet Telescope", [2001SoPh..200..63K ADS](#)
- Vourlidas, A., Korendyke, C. M., Dere, K. P., & Klimchuk, J. A., "Ultra-High Resolution Observations of the Upper Chromosphere: First Results From the NRL VAULT Sounding Rocket Payload", [2001AGUSM..SP61A03V ADS](#)
- Morrill, J. S., Dere, K. P., & Korendyke, C. M., "High Resolution Observations of Solar Spectral Variability Near Mg II Measured by HRTS", [2001AGUSM..SP32B03M ADS](#)
- Dere, K. P., Landi, E., Young, P. R., & Del Zanna, G., "CHIANTI - an atomic database for emission lines, Paper 4: Extension to X-ray Wavelengths", [2001AGUSM..SP21B08D ADS](#)
- Zhang, J., Dere, K. P., & Howard, R. A., "Solar Origin of Major Geo-magnetic Storms Between 1996 and 2000", [2001AGUSM..SH62A11Z ADS](#)
- Mariska, J. T., Brown, C. M., Dere, K. P., et al., "The Extreme Ultraviolet Imaging Spectrometer on Solar-B", [2001AGUSM..SH41A12M ADS](#)
- Dere, K. P. & Subramanian, P., "Source Regions of Coronal Mass Ejections", [2001IAUS..203..362D ADS](#)
- Landi, E., Landini, M., Dere, K., & Risaliti, G., "BEPPoSAX Observation of EQ Pegasi (CD-ROM Directory: contribs/landi)", [2001ASPC..223..991L ADS](#)
- Korendyke, C. M., Vourlidas, A., Cook, J. W., et al., "In-flight performance of the Very high Angular resolution ULtraviolet Telescope sounding rocket payload", [2000SPIE.4139..340K ADS](#)
- Dere, K., "Solar Transition Region", in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 2021 [2000eaa..bookE2021D ADS](#)
- Dere, K. P., Moses, J. D., Delaboudinie, J. P., et al., "The Preflight Photometric Calibration of the Extreme-Ultraviolet Imaging Telescope EIT", [2000SoPh..195..13D ADS](#)
- Zhang, J., Dere, K. P., Howard, R. A., Kundu, M. R., & White, S. M., "LASCO and EIT observations of CMEs associated with flares", [2000SPD....31.0906Z ADS](#)
- Morrill, J. S., Dere, K. P., & Korendyke, C. M., "Solar UV Irradiance Variability Observed at High Spatial and Spectral Resolution by HRTS", [2000SPD....31.0128M ADS](#)
- Vourlidas, A., Subramanian, P., Dere, K. P., & Howard, R. A., "Large-Angle Spectrometric Coronagraph Measurements of the Energetics of Coronal Mass Ejections", [2000ApJ...534..456V ADS](#)
- Dere, K. P., Vourlidas, A., & Subramanian, P., "LASCO and EIT Observations of Coronal Mass Ejections", [2000astro.ph..2061D ADS](#)
- Ai, G., Benz, A., Dere, K. P., et al., "Commission 10: Solar Activity: (Activite Solaire)", [2000IAUTA..24..67A ADS](#)
- Saito, T., Shibata, K., Dere, K. P., & Numazawa, S., "Non-Radial Unipolar Coronal Streamers in Magnetically High Latitudes and Radial Bipolar Streamers at the Magnetic Equator of the Sun", [2000AdSpR..26..807S ADS](#)
- Dere, K. P., Howard, R. A., & Brückner, G. E., "Coronal Mass Ejections and the Solar Wind: New Results from LASCO", [2000AdSpR..25.1837D ADS](#)
- Vourlidas, A., Subramanian, P., Dere, K. P., & Howard, R. A., "LASCO Measurements of the Energetics of Coronal Mass Ejections", [1999astro.ph.12069V ADS](#)
- Nindos, A., Kundu, M. R., White, S. M., et al., "Microwave and Extreme Ultraviolet Observations of Solar Polar Regions", [1999ApJ...527..415N ADS](#)
- Del-Zanna, G., Young, P., Dere, K., et al.: 1999, CHIANTI: A database for astrophysical emission line spectroscopy, Astrophysics Source Code Library, record ascl:9911.004 [1999ascl.soft11004D ADS](#)
- Doschek, G. A., Brown, C. M., Davila, J. M., et al.: 1999, Concept Study Report: Extreme-Ultraviolet Imaging Spectrometer Solar-B, Technical Report, AO-98-OSS-05; Rept-866MA-001 [1999STIN..0011153D ADS](#)
- Subramanian, P., Dere, K. P., Rich, N. B., & Howard, R. A., "The relationship of coronal mass ejections to streamers", [1999JGR..10422321S ADS](#)
- Thompson, B. J., Gurman, J. B., Neupert, W. M., et al., "SOHO/EIT Observations of the 1997 April 7 Coronal Transient: Possible Evidence of Coronal Moreton Waves", [1999ApJ...517L.151T ADS](#)
- Dere, K. P., Brückner, G. E., Howard, R. A., Michels, D. J., & Delaboudinie, J. P., "LASCO and EIT Observations of Helical Structure in Coronal Mass Ejections", [1999ApJ...516..465D ADS](#)
- Vourlidas, A., Subramanian, P., Dere, K. P., & Howard, R. A., "LASCO Measurements of Erupting Flux Ropes", [1999AAS...19410103V ADS](#)
- Howard, R. A., Dere, K. P., Sheeley, N. R., J., et al., "The Increase in Mass of CMEs due to Propagation", [1999AAS...19410102H ADS](#)
- Dere, K. P. & Howard, R. A., "Global Coronal Mass Ejections observed with LASCO", [1999AAS...19410101D ADS](#)
- Morrill, J. S., Dere, K. P., & Korendyke, C. M., "HRTS Observations of Solar Fine Scale Structures in the Near-UV", [1999AAS...194.9311M ADS](#)
- Moses, D., Dere, K. P., Howard, R. A., et al., "Solar Polar Imager", [1999AAS...194.7613M ADS](#)
- Nindos, A., Kundu, M. R., White, S. M., et al., "Microwave and Extreme Ultraviolet Observations of Solar Polar Regions", [1999AAS...194.3207N ADS](#)
- Landi, E., Landini, M., Dere, K. P., Young, P. R., & Mason, H. E., "CHIANTI - an atomic database for emission lines. III. Continuum radiation and extension of the ion database", [1999A&S..135..339L ADS](#)
- Neupert, W. M., Newmark, J., Delaboudinie, J. P., et al., "Observations of Coronal Structures Above an Active Region by EIT and Implications for Coronal Energy Deposition", [1998SoPh..183..305N ADS](#)
- Dere, K. & Mason, H., "A new perspective on the sun from SOHO-challenges for atomic physics", [1998AIPC..434..213D ADS](#)
- Dere, K., "Important atomic processes in solar physics", [1998seese.conf..283D ADS](#)
- Dere, K. P. & Brückner, G. E., "LASCO and EIT Observations of the Dynamic Corona", [1998HiA....11..861D ADS](#)
- Plunkett, S. P., Dere, K. P., Howard, R. A., et al., "LASCO/EIT Observations of Coronal Mass Ejections from Large-Scale Filament Channels", [1998ASPC..150..475P ADS](#)
- Dere, K. P., Landi, E., Mason, H. E., Fossi, B. C. M., & Young, P. R., "CHIANTI - an Atomic Database For Emission Lines Paper I: Wavelengths Greater than 50 Angstroms", [1998ASPC..143..390D ADS](#)
- St. Cyr, O. C., Howard, R. A., Simnett, G. M., et al., "White-Light Coronal Mass Ejections: A New Perspective from LASCO", [1997ESASP.415..103S ADS](#)
- Dere, K., "LASCO observations of CMEs with helical geometries", [1997AAS...19112005D ADS](#)
- Subramanian, P., Dere, K. P., Howard, R. A., St. Cyr, C., & Brückner, G. E., "Analysis of Coronal Mass Ejections observed by LASCO", [1997AAS...191.7306S ADS](#)
- Vourlidas, A., Howard, R. A., Dere, K. P., & Passwaters, S. E., "The Structure of "halo" Coronal Mass Ejections", [1997AAS...191.7305V ADS](#)
- Wu, S. T., Guo, W. P., Andrews, M. D., et al., "MHD Interpretation of LASCO Observations of a Coronal Mass Ejection as a Disconnected Magnetic Structure", [1997SoPh..175..719W ADS](#)
- Plunkett, S. P., Brückner, G. E., Dere, K. P., et al., "The Relationship of Green-Line Transients to White-Light Coronal Mass Ejections", [1997SoPh..175..699P ADS](#)
- Simnett, G. M., Tappin, S. J., Plunkett, S. P., et al., "LASCO Observations of Disconnected Magnetic Structures Out to Beyond 28 Solar Radii During Coronal Mass Ejections", [1997SoPh..175..685S ADS](#)

- Schwenn, R., Inhester, B., Plunkett, S. P., et al., "First View of the Extended Green-Line Emission Corona At Solar Activity Minimum Using the Lasco-C1 Coronagraph on SOHO", 1997SoPh..175..667S [ADS](#)
- Dere, K. P., Brückner, G. E., Howard, R. A., et al., "EIT and LASCO Observations of the Initiation of a Coronal Mass Ejection", 1997SoPh..175..601D [ADS](#)
- Moses, D., Clette, F., Delaboudinière, J. P., et al., "EIT Observations of the Extreme Ultraviolet Sun", 1997SoPh..175..571M [ADS](#)
- Dere, K. P., Landi, E., Mason, H. E., Monsignori Fossi, B. C., & Young, P. R., "CHIANTI - an atomic database for emission lines", 1997A&S..125..149D [ADS](#)
- Wang, Y. M., Sheeley, N. R., J., Howard, R. A., et al., "Origin and Evolution of Coronal Streamer Structure During the 1996 Minimum Activity Phase", 1997ApJ...485..875W [ADS](#)
- Doyle, J. G., O'Shea, E., Erdélyi, R., et al., "Nonthermal Velocities in the Solar Transition Zone and Corona", 1997SoPh..173..243D [ADS](#)
- Wang, Y. M., Sheeley, N. R., Dere, K. P., et al., "Association of Extreme Ultraviolet Imaging Telescope (EIT) Polar Plumes with Mixed-Polarity Magnetic Network", 1997ApJ...484L..75W [ADS](#)
- Sheeley, N. R., Wang, Y. M., Hawley, S. H., et al., "Measurements of Flow Speeds in the Corona Between 2 and 30 R<sub>☉</sub>", 1997ApJ...484..472S [ADS](#)
- Antiochos, S., Acton, L., Canfield, R., et al.: 1997, *The Solar-B Mission*, Technical Report, Montana State Univ. Bozeman, MT United States 1997STIN..9721329A [ADS](#)
- Dere, K., Brückner, G. E., & Delaboudinie, J. P., "EIT and LASCO observations of the initiation of a coronal mass ejection", 1997SPD....28.0502D [ADS](#)
- Sheeley, N. R., J., Brückner, G. E., Dere, K. P., et al., "Using LASCO Observations to Infer Solar Wind Flow Near the Sun", 1997SPD....28.0301S [ADS](#)
- Neupert, W. M., Newmark, J., Thompson, B. J., et al., "Observations of Coronal Features by EIT above an Active Region by EIT and Implications for Coronal Heating", 1997SPD....28.0115N [ADS](#)
- Dere, K. P., Landi, E., Mason, H. E., Monsignori Fossi, B. C., & Young, P. R., "VizieR Online Data Catalog: CHIANTI - An Atomic Database For Emission Lines I. (Dere+ 1997)", 1997yCat..41250149D [ADS](#)
- Dere, K. P., Brückner, G. E., Howard, R. A., et al., "EIT and LASCO Observations of the Initiation of a Coronal Mass Ejection", 1997IAUJD..19E..18D [ADS](#)
- Wu, S. T., Guo, W. P., Michels, D. J., et al., "Dynamical Evolution of a Coronal Mass Ejection (CME) to Magnetic Cloud: A Preliminary Analysis of the January 6-10, 1997 CME Observed by LASCO/SOHO", 1997ESASP.404..739W [ADS](#)
- Delaboudinie, J. P., Stern, R. A., Maucherat, A., et al., "Imaging the solar corona in the EUV", 1997AdSpR..20.2231D [ADS](#)
- Clette, F., Delaboudinie, J. P., Artzner, G. E., et al., "First Results from EIT", 1997ASPC..118..268C [ADS](#)
- Dere, K. P., "The Rate of Magnetic Reconnection Observed in the Solar Atmosphere", 1996ApJ...472..864D [ADS](#)
- Moses, J. D., Brückner, G. E., Dere, K. P., et al., "Next-generation EUV imaging spectrometer for solar flare observations", 1996SPIE.2804..260M [ADS](#)
- Socker, D. G., Antiochos, S. K., Brückner, G. E., et al., "STEREO: a solar terrestrial event observer mission concept", 1996SPIE.2804..50S [ADS](#)
- Nindos, A., Alissandrakis, C. E., Gelfreich, G. B., et al., "A Model for Active Region Emission at Centimeter Wavelengths", 1996SoPh..166..55N [ADS](#)
- Dere, K. P., Monsignori-Fossi, B. C., Landi, E., Mason, H. E., & Young, P. R., "CHIANTI - an Atomic Database for Emission Line Spectroscopy: Version 1 - Wavelengths greater than 50 Angstroms", 1996AAS...188.8501D [ADS](#)
- Gurman, J. B., Delaboudinie, J. P., Artzner, G., et al., "There's No Such Thing as the Quiet Sun: EUV Movies from SOHO", 1996AAS...188.3718G [ADS](#)
- Cook, J. W., Koomen, M. J., Korendyke, C. M., et al., "LASCO Observations of the Solar Corona to 32 R<sub>sun</sub>", 1996AAS...188.3717C [ADS](#)
- Andrews, M. D., Korendyke, C. M., Koomen, M. J., et al., "LASCO Observations of the 03Feb96 Streamer Blow-out", 1996AAS...188.3716A [ADS](#)
- Korendyke, C. M., Koomen, M. J., Andrews, M. D., et al., "Preliminary Photometric Calibration of LASCO C3 Coronagraph Images using Pre-Flight Laboratory Images of Standard Sources and In-Flight Images of Standard Stars", 1996AAS...188.3621K [ADS](#)
- Handy, B. N., Catura, R., Freeland, S., et al., "Observations of the South coronal hole from EIT and YOHKOH", 1996AAS...188.0206H [ADS](#)
- Cheng, C. C., Dere, K. P., Wu, S. T., Hagyard, M. J., & Hiei, E., "Coronal structure and heating: comparison between SXT/Yohkoh observations of an active region and magnetogram", 1996AdSpR..17d.205C [ADS](#)
- Handy, B. N., Catura, R., Freeland, S., et al., "Observations of the south coronal hole from EIT and Yohkoh.", 1996BAAS...28Q.821H [ADS](#)
- Andrews, M. D., Paswaters, S. E., Brückner, G. E., et al., "Observations of the comet Hyakutake by the LASCO coronagraph on the SOHO satellite.", 1996BAAS...28.1195A [ADS](#)
- O'Shea, E., Doyle, J. G., Dere, K. P., & Keenan, F. P., "Nonthermal velocities in the solar transition and coronal region observed with the high-resolution telescope and spectrograph", 1996ASPC..109..1450 [ADS](#)
- Brückner, G. E., Howard, R. A., Koomen, M. J., et al., "The Large Angle Spectroscopic Coronagraph (LASCO)", 1995SoPh..162..357B [ADS](#)
- Delaboudinie, J. P., Artzner, G. E., Brunaud, J., et al., "EIT: Extreme-Ultraviolet Imaging Telescope for the SOHO Mission", 1995SoPh..162..291D [ADS](#)
- Korendyke, C. M., Dere, K. P., Socker, D. G., Brückner, G. E., & Schmieder, B., "Ultraviolet Observations of the Structure and Dynamics of an Active Region at the Limb", 1995ApJ...443..869K [ADS](#)
- Dere, K. P., "The Rate of Magnetic Reconnection in the Solar Corona", 1995SPD....26..612D [ADS](#)
- Clette, F., Delaboudinie, J. P., Dere, K. P., Cugnon, P., & EIT Science Team, "EIT: The Extreme Ultraviolet Imaging Telescope. Synoptic Observations of Small and Large-Scale Coronal Structures", in A. O. Benz and A. Krüger (Eds.), *Coronal Magnetic Energy Releases*, Vol. 444, 251 1995LNP...444..251C [ADS](#)
- Cheng, C. C., Dere, K. P., Wang, J., & Ai, G., "Magnetic Structure and Heating of an Active Region: Comparison Between SXT/Yohkoh Observations and Magnetogram", 1994AAS...185.8604C [ADS](#)
- Schmieder, B., Wiik, J. E., & Dere, K. P., "Hierarchy of spatial scale in UV prominences", 1994SSRv..70..175S [ADS](#)
- Dere, K. P., "Solar mass flow in fine-scale structures", 1994SSRv..70..21D [ADS](#)
- Moses, D., Cook, J. W., Bartoe, J. D. F., et al., "Solar Fine-Scale Structures in the Corona, Transition Region, and Lower Atmosphere", 1994ApJ...430..913M [ADS](#)
- Korendyke, C. M., Dere, K. P., Brückner, G. E., Waljeski, K., & Lemen, J. R., "Combined HRTS-8 Sounding Rocket Observations and YOHKOH Soft X-ray Observations of NOAA Active Region 7260 at the Solar Limb", 1994kofu.symp..293K [ADS](#)
- Dere, K. P. & Martin, S. F., "HRTS Observations of Explosive Events in a Flaring Active Region", 1994kofu.symp..289D [ADS](#)
- Waljeski, K., Moses, D., Dere, K. P., et al., "The Composition of a Coronal Active Region", 1994ApJ...429..909W [ADS](#)
- Dere, K. P., "Explosive events, magnetic reconnection, and coronal heating", 1994AdSpR..14d..13D [ADS](#)
- Hénoux, J. C. & Dere, K. P., "Observational characteristics of explosive events.", in G. Belvedere, M. Rodono, and G. M. Simnett (Eds.), *Advances in Solar Physics*, Vol. 432, 205 1994LNP...432..205H [ADS](#)
- Hénoux, J. C. & Dere, K. P., "Observational characteristics of explosive events", in G. Belvedere, M. Rodono, and G. M. Simnett (Eds.), *Advances in Solar Physics*, Vol. 432, 205-215 1994LNP...432..203H [ADS](#)
- Dere, K. P., Mason, H. E., Fossi, B. C. M., & Waljeski, K. H., "A New Synthetic XUV Spectrum", 1993AAS...18311203D [ADS](#)
- Waljeski, K., Dere, K. P., & Moses, D., "Scaling Laws for Coronal Heating: X-ray Loop Observations", 1993BAAS...25.1212W [ADS](#)
- Korendyke, C. M., Dere, K. P., Brückner, G. E., & Socker, D. G., "A Description of the HRTS-8 Instrument Configuration", 1993BAAS...25.1182K [ADS](#)
- Dere, K. P., Korendyke, C. M., & Brückner, G. E., "HRTS Ultraviolet Observations of the Chromosphere Transition Region and Corona of a Solar Active Region", 1993BAAS...25.1182D [ADS](#)
- Cook, J. W., Moses, D., Brückner, G. E., et al., "Transition Region Explosive Events in an X-Ray Dark Lane Region of the Quiet Sun", 1993BAAS...25.1181C [ADS](#)
- Wiik, J. E., Dere, K., & Schmieder, B., "UV prominences observed with the HRTS: structure and physical properties", 1993A&A...273..267W [ADS](#)
- Dere, K. P. & Mason, H. E., "Nonthermal Velocities in the Solar Transition Zone Observed with the High-Resolution Telescope and Spectrograph", 1993SoPh..144..217D [ADS](#)
- Schmieder, B., Wiik, J. E., & Dere, K. P., "Intensity, velocity and turbulence in prominences observed with the HRTS instrument.", 1992JAF....43..36S [ADS](#)
- Waljeski, K., Dere, K. P., & Moses, D., "Observational test of coronal heating models.", 1992ESASP.348..281W [ADS](#)
- Delaboudinie, J. P., Gabriel, A. H., Artzner, G. E., et al., "Solar corona synoptic observations from SOHO with an Extreme Ultraviolet Imaging Telescope.", 1992ESASP.348..21D [ADS](#)
- Dere, K. P., "Explosive events and magnetic reconnection in the solar atmosphere", 1992AIPC..267..63D [ADS](#)
- Wiik, J. E., Dere, K., & Schmieder, B., "Intensity, velocity and turbulence in prominences observed with the HRTS.", 1992ESASP.344..65W [ADS](#)
- Dere, K. P., "Transition region dynamics.", 1992ESASP.344..43D [ADS](#)
- Dere, K. P. & Martin, S. F., "Ultraviolet Explosive Events and Evolving Magnetic Fields", 1992AA...180.5604D [ADS](#)

- Howard, R. A., Brückner, G. E., Dere, K. P., et al., "LASCO - Large Angle Spectrometric Coronagraph for SOHO", 1992AAS...180..3307H [ADS](#)
- Dere, K. P., "Explosive events and magnetic reconnection in the solar atmosphere", 1992swe..coll...11D [ADS](#)
- Schmieder, B., Dere, K. P., & Wiik, J. E., "Dynamics in the Prominence - Corona Transition Region from HRTS Spectra", in Z. Svěstka, B. V. Jackson, and M. E. Machado (Eds.), IAU Colloq. 133: Eruptive Solar Flares, Vol. 399, 333 1992LNP...399..333S [ADS](#)
- Cook, J. W., Brückner, G. E., Dere, K. P., Martin, S. F., & Gayley, K. G., "The chromospheric and transition region manifestations of an Ellerman bomb.", 1992BAAS...24.1074C [ADS](#)
- Doschek, G. A., Dere, K. P., & Lund, P. A., "Relative Abundances in the Lower Solar Transition Region", 1991ApJ...381..583D [ADS](#)
- Athay, R. G. & Dere, K. P., "Velocity Gradients in the Chromosphere-Corona Transition Region", 1991ApJ...381..323A [ADS](#)
- Athay, R. G. & Dere, K. P., "Chromospheric and Transition Region Diagnostics Using Emission-Line Intensities", 1991ApJ...379..776A [ADS](#)
- Dere, K. P., Bartoe, J. D. F., Brückner, G. E., Ewing, J., & Lund, P., "Explosive events and magnetic reconnection in the solar atmosphere", 1991JGR....96.9399D [ADS](#)
- Porter, J. G. & Dere, K. P., "The Magnetic Network Location of Explosive Events Observed in the Solar Transition Region", 1991ApJ...370..775P [ADS](#)
- Dere, K. P. & Mason, H. E., "Nonthermal Velocities in the Solar Transition Region", 1991BAAS...23Q1028D [ADS](#)
- Moses, D., Brückner, G. E., Cook, J. W., et al., "Flaring Active Region Structures in the Corona, Transition Region, and Lower Atmosphere Observed in the SAROC", 1991BAAS...23.1026M [ADS](#)
- Brückner, G. E., Moses, D., Cook, J. W., et al., "The Prime Energy Release of a Solar Flare", 1991BAAS...23.1026B [ADS](#)
- Schmieder, B., Thompson, W. T., Neupert, W. M., Thomas, R. J., & Dere, K. P., "Coordinated observations with high resolution spectrographs (HRTS, SERTS, MSDP)", 1991AdSpR..11e.255S [ADS](#)
- Dere, K. P., "High resolution solar physics from rockets", 1991AdSpR..11e.191D [ADS](#)
- Athay, R. G. & Dere, K. P., "Bifurcation in the Low Chromosphere", 1990ApJ...358..710A [ADS](#)
- Dere, K. P., Schmieder, B., & Alissandrakis, C. E., "Flow patterns in a sunspot region observed in the photosphere, chromosphere and transition region", 1990A&A...233..207D [ADS](#)
- Dere, K., Lund, P., & Schmieder, B., "Ultraviolet Spectra of a Prominence", 1990BAAS...22R.815D [ADS](#)
- Moses, D., Cook, J. W., Bartoe, J. D. F., et al., "Coronal Dark Lanes and the Location of Transition Region Explosive Events", 1990BAAS...22..899M [ADS](#)
- Socker, D. G., Dere, K. P., & Korendyke, C. M., "The HRTS/OSL Vacuum Ultraviolet CCD Development Program", 1990BAAS...22..889S [ADS](#)
- Brückner, G. E., Bartoe, J. D. F., Dere, K. P., & Socker, D. G., "The High Resolution Telescope and Spectrograph (HRTS) on Board the Orbiting Solar Laboratory (OSL)", 1990BAAS...22..845B [ADS](#)
- Dere, K. P., "A brief scientific history of the NRL HRTS program.", 1990ppst.conf...29D [ADS](#)
- Schmieder, B., Thompson, W. T., Neupert, W. M., Thomas, R. J., & Dere, K. P., "High Resolution Spectrography in Ultraviolet", 1990PDHO....7..250S [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "The Relationship of C IV Transition Region Structures to the Photospheric Magnetic Field", 1990BAAS...22..744D [ADS](#)
- Schmieder, B., Dere, K. P., Raadu, M. A., Démoulin, P., & Alissandrakis, C. E., "Relationship between a spot and a filament observed during spacelab 2 mission", 1990AdSpR..10i.195S [ADS](#)
- Dere, K. P., "Heating of the solar transition region in fine-scale structures", 1990AdSpR..10i.169D [ADS](#)
- Athay, R. G. & Dere, K. P., "Temperature and Center-Limb Variations of Transition Region Velocities", 1989ApJ...346..514A [ADS](#)
- Dere, K. P., Bartoe, J. D. F., Brückner, G. E., & Recely, F., "Transition Zone Flows Observed in a Coronal Hole on the Solar Disk", 1989ApJ...345L..95D [ADS](#)
- Moses, J. D., Cook, J. W., Bartoe, J. D. F., et al.: 1989, Correspondence between solar fine-scale structures in the corona, transition region, and lower atmosphere from collaborative observations, In American Science and Engineering, Inc., Solar X-ray Astronomy Sounding Rocket Program 26 p (SEE N90-10796 01-88) 1989sxs.r.reptR....M [ADS](#)
- Delaboudinière, J.-P., Gabriel, A. H., Artzner, G. E., et al., "Extreme ultraviolet imaging telescope on board the Solar Heliospheric Observatory", 1989SPIE.1160..518D [ADS](#)
- Dere, K. P., "Turbulent Power and Dissipation in the Solar Transition Zone", 1989ApJ...340..599D [ADS](#)
- Schmieder, B., Demoulin, P., Raadu, M. A., & Dere, K. P., "Dynamics of a filament at the boundary of a SPOT region with magnetic shear", 1989A&A...213..402S [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Explosive Events in the Solar Transition Zone", 1989SoPh..123..41D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., Brückner, G. E., et al., "Ultraviolet Observations of Macropicules at the Solar Limb", 1989SoPh..119..55D [ADS](#)
- Porter, J. G. & Dere, K. P., "Magnetic Associations of Explosive Events", 1989BAAS...21..852P [ADS](#)
- Lund, P., Ewing, J., Cook, J., Dere, K., & Brückner, G., "The HRTS Guest Investigator Program", 1989BAAS...21..841L [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "HRTS Transition Region Observations of a Coronal Hole on the Solar Disk", 1989BAAS...21..841D [ADS](#)
- Antiochos, S. K. & Dere, K. P., "A Model for the Heating of the Transition Region", 1989BAAS...21..841A [ADS](#)
- Cook, J. W., Bartoe, J. D. F., Brückner, G. E., & Dere, K. P., "Comparison of HRTS Sounding Rocket Observations at 1600 Å and Hα with Groundbased Magnetograms and He I 10830 Å Images", 1989BAAS...21..840C [ADS](#)
- Brückner, G. E., Bartoe, J. D. F., Cook, J. W., et al., "Plasma Motions in an Emerging Flux Region", 1988ApJ...335..986B [ADS](#)
- Michels, D. J., Schwenn, R., Howard, R. A., et al.: 1988, LASCO: A wide-field white light and spectrometric coronagraph for SOHO, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 55-61 (SEE N90-13302 04-92) 1988sohi.rept...55M [ADS](#)
- Delaboudinière, J. P., Gabriel, A. H., Artzner, G. E., et al.: 1988, EIT. Solar corona synoptic observations from SOHO with an Extreme-ultraviolet Imaging Telescope, In ESA, The SOHO Mission. Scientific and Technical Aspects of the Instruments p 43-48 (SEE N90-13302 04-92) 1988sohi.rept...43D [ADS](#)
- Kjeldseth-Moe, O., Brynildsen, N., Brekke, P., et al., "Gas Flows in the Transition Region above Sunspots", 1988ApJ...334.1066K [ADS](#)
- Dere, K. P., "Solar physics from Spacelab 2.", 1988JPhys..49....3D [ADS](#)
- Moses, J. D., Bartoe, J. D. F., Brückner, G. E., et al., "The Correspondence Between Fine-Scale Structures in the Solar Corona and Transition Region", 1988BAAS...20..722M [ADS](#)
- Dere, K. P., "The Power Spectrum of Velocities in the Solar Transition Zone", 1988BAAS...20..722D [ADS](#)
- Cook, J. W., Bartoe, J. D. F., Brückner, G. E., et al., "Correlation of Transition Region C IV High-Velocity Events With Magnetogram and He I 10830 Å Data", 1988BAAS...20..722C [ADS](#)
- Brückner, G. E., Bartoe, J. D. F., Cook, J. W., Dere, K. P., & Socker, D. G., "Results from the High Resolution Telescope and Spectrograph (HRTS) Experiment on Board Spacelab 2", 1988ApL&C..27..151B [ADS](#)
- Dere, K. P., Bartoe, J.-D. F., Brückner, G. E., Cook, J. W., & Socker, D. G., "Ultraviolet Observations of Solar Fine Structure", 1987Sci...238.1267D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., Brückner, G. E., Cook, J. W., & Socker, D. G., "Discrete Subresolution Structures in the Solar Transition Zone", 1987SoPh..114..223D [ADS](#)
- Dere, K. P. & Schmieder, B., "Chromospheric and Transition Zone Flows in a Solar Active Region", 1987BAAS...19.1118D [ADS](#)
- Cook, J. W., Lund, P. A., Bartoe, J. D. F., et al., "Statistical Properties of Small High-Velocity Events in the Solar Transition Region", in J. L. Linsky and R. E. Stencel (Eds.), Cool Stars, Stellar Systems and the Sun, Vol. 291, 150–153 1987LNP...291..150C [ADS](#)
- Dere, K. P., Bartoe, J. D. F., Brückner, G. E., Cook, J. W., & Socker, D. G., "Transition Zone Flow Patterns in Sunspots", 1987BAAS...19..639D [ADS](#)
- Jordan, C., Bartoe, J. D. F., Brückner, G. E., & Dere, K. P., "Identification of [Fe III] in the solar ultraviolet spectrum", 1986Natur.324..444J [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Outflows and Ejections in the Solar Transition Zone", 1986ApJ...310..456D [ADS](#)
- Cook, J. W., Socker, D. G., Bartoe, J. D. F., Brückner, G. E., & Dere, K. P., "Observation of the Density Sensitive Line Mg V 1324 Å in a Solar Sunspot", 1986BAAS...18R.991C [ADS](#)
- Stewart, R. T., Brückner, G. E., & Dere, K. P., "Culgoora Radio and SKYLAB Extreme Ultraviolet Observations of Emerging Magnetic Flux in the Lower Corona", 1986SoPh..106..107S [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "High-Resolution Telescope and Spectrograph Images of the Solar Chromosphere and Transition Zone", 1986ApJ...305..947D [ADS](#)
- Dere, K. P., Brückner, G. E., Bartoe, J. D. F., Cook, J. W., & Socker, D. G., "Discrete Components of Solar Transition Zone Emission", 1986BAAS...18Q.662D [ADS](#)
- Brückner, G. E., Cook, J. W., & Dere, K. P., "Results from the High Resolution Telescope and Spectrograph (HRTS) Experiment", 1986BAAS...18..675B [ADS](#)

- Cook, J. W., Lund, P. A., Brückner, G. E., et al., "Statistical Properties of Small High-Velocity Transition Region Events on the Sun Observed by HRTS on Spacelab 2", 1986BAAS...18..662C [ADS](#)  
 , "Results from the NRL instruments on Spacelab 2", 1986aiaaa.meetZ....B [ADS](#)
- Dere, K. P., Bartoe, J. D. F., Brückner, G. E., et al., "HRTS Spacelab 2 Observations of the Temporal Development of the C IV Transition Zone", 1986BAAS...18..633D [ADS](#)
- Brückner, G. E., Bartoe, J. D. F., Cook, J. W., Dere, K. P., & Socker, D. G., "HRTS results from spacelab 2", 1986AdSpR...6h.263B [ADS](#)
- Dere, K., "Ultraviolet Observations of Fine Structure in the Solar Chromosphere and Transition Zone", 1985tphr.conf..233D [ADS](#)
- Cook, J. W., Bartoe, J. D. F., Brückner, G. E., Dere, K. P., & Socker, D. G., "HRTS Spacelab 2 Observations of Spicular Emission at the Solar Limb", 1985BAAS...17..834C [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Time Series Images of the UV Chromosphere and Transition Zone", 1985BAAS...17..630D [ADS](#)
- Dere, K. P., "HRTS observations of the solar chromosphere and transition zone.", 1985cdm..proc...50D [ADS](#)
- Dere, K., Kneer, F., & Landman, D., "Report of the working group on future observations of the sun.", 1985cdm..proc...14D [ADS](#)
- Dere, K. P., "UV observations of fine structure in the solar chromosphere and transition zone.", 1985MPARp.212..233D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "High-resolution telescope and spectrograph observations of the quiet solar chromosphere and transition zone", 1984ApJ...281..870D [ADS](#)
- Dere, K. P., "HRTS Ultraviolet Solar Spectroscopy (invited Paper)", 1984uxsa.conf...22D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "HRTS Ultraviolet Images of the Solar Chromosphere and Transition Zone", in S. L. Baliunas and L. Hartmann (Eds.), Cool Stars, Stellar Systems, and the Sun, Vol. 193, 180 1984LNP...193..180D [ADS](#)
- Dere, K. P., "Ultraviolet spectroscopy of the chromosphere and transition zone at high spatial and temporal resolution", 1984AdSpR...4h..55D [ADS](#)
- Dere, K. P., "HRTS observations of the fine structure and dynamics of the solar chromosphere and transition zone.", 1983NASCP.2280..33D [ADS](#)
- Dere, K. P. & Cook, J. W., "Mass and energy balance in the 1973 August 9 flare", 1983A&A...124..181D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Chromospheric jets - Possible extreme-ultraviolet observations of spicules", 1983ApJ...267L..65D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "HRTS Images of the Quiet Solar Chromosphere and Transition Zone", 1983BAAS...15..702D [ADS](#)
- Horan, D. M., Kreplin, R. W., & Dere, K. P.: 1982, 'The NRL SOLRAD 11 Satellites (1976-023C, 1976-023D) description of experiments', Final Report Naval Research Lab., Washington, DC. Center for Space Research. 1982nrl..reptY....H [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Observations of Extreme Ultraviolet Spicules", 1982BAAS...14..939D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Solar transition zone pressures from EUV observations of O IV and N IV", 1982ApJ...259..366D [ADS](#)
- Dere, K. P., "Extreme Ultraviolet Spectra of Solar Active Regions and Their Analysis", 1982SoPh..77...77D [ADS](#)
- Dere, K. P., "The XUV structure of solar active regions", 1982SoPh...75..189D [ADS](#)
- Dere, K. P., Bartoe, J. D., Brückner, G. E., Vanhoosier, M. E., & Dykton, M. D., "Transient plasmas in the solar transition zone", 1981ApJ...249..333D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Extreme Ultraviolet Emission of O IV and N IV from the Sun", 1981BAAS...13R.542D [ADS](#)
- Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "HRTS Observations of the Solar Chromosphere and Transition Zone", 1981BAAS...13..845D [ADS](#)
- Cook, J. W. & Dere, K. P., "Mass and Energy Balance in the 1973 August 9 Flare", 1981BAAS...13..554C [ADS](#)
- Dere, K. P. & Mason, H. E., "Spectroscopic diagnostics of the active region: transition zone and corona.", 1981sars.work..129D [ADS](#)
- Dere, K. P., "Analysis and Interpretation of EUV Emission from Solar Active Regions", 1980BAAS...12..908D [ADS](#)
- Nicolas, K. R., Dere, K. P., Bartoe, J. D. F., & Brückner, G. E., "Density and Temperature Measurements for Short Lived Transition Zone Phenomena", 1980BAAS...12R.530N [ADS](#)
- Dere, K. P., Nicolas, K. R., & Brückner, G. E., "Transient Plasmas in the Solar Transition Zone", 1980BAAS...12R.518D [ADS](#)
- Canfield, R. C., Cheng, C. C., Dere, K. P., et al., "Radiative energy output of the 5 September 1973 flare", 1980sfs1.work..451C [ADS](#)
- Moore, R., McKenzie, D. L., Svestka, Z., et al., "The thermal X-ray flare plasma", 1980sfs1.work..341M [ADS](#)
- Dere, K. P.: 1980, 'The Extreme Ultraviolet Structure of Solar Active Regions.', Ph.D. thesis, Catholic University, Washington DC 1980PhDT.....2D [ADS](#)
- Cook, J. W. & Dere, K. P., "Mass Flow and Energy Balance in a Solar Flare", 1979BAAS...11..678C [ADS](#)
- Dere, K. P., Mason, H. E., Widing, K. G., & Bhatia, A. K., "XUV electron density diagnostics for solar flares.", 1979ApJS...40..341D [ADS](#)
- Dere, K. P. & Cook, J. W., "The decay of the 1973 August 9 flare.", 1979ApJ...229..772D [ADS](#)
- Dere, K. P., "Errors in Differential Emission Measure Solutions", 1978AA&A...70..439D [ADS](#)
- Underwood, J. H., Antiochos, S. K., Feldman, U., & Dere, K. P., "Evolution of the coronal and transition-zone plasma in a compact flare: the event of 1973 August 9.", 1978ApJ...224.1017U [ADS](#)
- Dere, K. P., "Spectral lines observed in solar flares between 171 and 630 Angstroms.", 1978ApJ...221.1062D [ADS](#)
- Dere, K. P., "EUV Observations of a Solar Active Region", 1978BAAS...10..440D [ADS](#)
- Widing, K. G. & Dere, K. P., "Multiple loop activation and continuous energy release in the solar flare of June 15, 1973.", 1977SoPh...55..431W [ADS](#)
- Dere, K. P., Horan, D. M., & Kreplin, R. W., "Structure and dynamics of a solar flare: X-ray and XUV observations.", 1977ApJ...217..976D [ADS](#)
- Doschek, G. A., Feldman, U., & Dere, K. P., "Electron densities in solar flares from line ratios of Ca XVII.", 1977A&A...60L..11D [ADS](#)
- Kreplin, R. W., Dere, K. P., Horan, D. M., & Meekins, J. F., "The Solar Spectrum Below 10Å", 1977soiv.conf..287K [ADS](#)
- Doschek, G. A., Feldman, U., Dere, K. P., et al., "Forbidden lines of highly ionized iron in solar flare spectra.", 1975ApJ...196L..83D [ADS](#)
- Dere, K. P., Horan, D. M., & Kreplin, R. W., "A Multi-Thermal Analysis of Solar X-Ray Emission", 1974SoPh...36..459D [ADS](#)
- Dere, K. P., Horan, D. M., & Kreplin, R. W., "The spectral dependence of solar soft X-ray flux values obtained by SOLRAD 9.", 1974JATP...36..989D [ADS](#)
- Horan, D. M., Dere, K. P., & Kreplin, R. W., "Electron temperature and emission measure variations in the solar corona.", 1974spre.conf..441H [ADS](#)
- Kreplin, R. W., Horan, D. M., & Dere, K. P., "Reduction of solar X-ray flux measurements for use in ionospheric research.", 1973spre.conf..469K [ADS](#)