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- Warren, H. P., Brooks, D. H., Doschek, G. A., & Feldman, U., "Transition Region Abundance Measurements During Impulsive Heating Events", 2016ApJ...824...56W ADS
- Doschek, G. A., Warren, H. P., & Feldman, U., "Anomalous Relative Ar/Ca Coronal Abundances Observed by the Hinode/EUV Imaging Spectrometer Near Sunspots", 2015ApJ...808L...7D ADS
- Young, P. R. & Feldman, U., "Assessing atomic data accuracy along isoelectronic sequences", 2014AAS...22410603Y ADS
- Phillips, K. J. H., Feldman, U., & Landi, E.: 2012, *Ultraviolet and X-ray Spectroscopy of the Solar Atmosphere* 2012uxss.book...P ADS
- Feldman, U., Dammasch, I. E., & Doschek, G. A., "Redshifts, Widths, and Radiance of Spectral Lines Emitted by the Solar Transition Region", 2011ApJ...743...165F ADS
- Widing, K. G. & Feldman, U., "The Ne VII 465.22 Å to Ca IX 466.23 Å Intensity Ratio Abundance Diagnostic in Solar Observations", 2011ApJ...742...71W ADS
- Young, P. R., Feldman, U., & Label, A., "Forbidden and Intercombination Lines of RR Telescopii: Wavelength Measurements and Energy Levels", 2011ApJS...196...23Y ADS
- Feldman, U., "Atomic Data for Solar Corona Studies", 2011AIPC.1344...239F ADS
- Doschek, G. A. & Feldman, U., "TOPICAL REVIEW The solar UV-x-ray spectrum from 1.5 to 2000 Å", 2010JPhB...43w2001D ADS
- Szabo, C. I., Feldman, U., Seely, J., et al., "Spectroscopy of positron annihilation gamma rays from laser-exited media", 2010APS..DPPX06014S ADS
- Ko, Y.-K., Landi, E., Feldman, U., & Young, P., "Elemental Abundance Variations in a Decaying EUV-Bright Region", 2010AAS...21640515K ADS
- Feldman, U., Brown, C. M., Seely, J. F., et al., "A new approach for deriving the solar irradiance from nonflaring solar upper atmosphere plasmas at $2 \times 10^4 \leq T \leq 2 \times 10^7$ K", 2010JGRA...115.3101F ADS
- Feldman, U., Ralchenko, Y., & Doschek, G. A., "The Effect of Hot Coronal Electrons on Extreme-Ultraviolet Spectral Lines of He II Emitted by Solar Transition Region Plasmas", 2010ApJ...708...244F ADS
- Landi, E. & Feldman, U., "The thermal structure of the solar upper atmosphere", 2009AIPC.1161...142L ADS
- Feldman, U., Warren, H. P., Brown, C. M., & Doschek, G. A., "Can the Composition of the Solar Corona Be Derived from Hinode/Extreme-Ultraviolet Imaging Spectrometer Spectra?", 2009ApJ...695...36F ADS
- Feldman, U., Dammasch, I. E., & Landi, E., "The Emission Measure of the Solar Lower Transition Region (2×10^4 - 2×10^5 K)", 2009ApJ...693.1474F ADS
- Colgan, J., Abdallah, J., J., Sherrill, M. E., et al., "Radiative Losses of Solar Coronal Plasmas", 2008ApJ...689...585C ADS
- Brown, C. M., Seely, J. F., Feldman, U., et al., "High-resolution imaging spectrometer for recording absolutely calibrated far ultraviolet spectra from laser-produced plasmas", 2008RScI...79j3109B ADS
- Warren, H. P., Feldman, U., & Brown, C. M., "Solar Observations of High-Temperature Emission with the Extreme-Ultraviolet Imaging Spectrometer on Hinode", 2008ApJ...685.1277W ADS
- Feldman, U., Ralchenko, Y., & Landi, E., "Nonthermal Electron Measurements in Solar Flares with Hinode EIS", 2008ApJ...684...707F ADS
- Phillips, K. J. H., Feldman, U., & Landi, E.: 2008, *Ultraviolet and X-ray Spectroscopy of the Solar Atmosphere* 2008uxss.book...P ADS
- Brown, C. M., Feldman, U., Seely, J. F., Korendyke, C. M., & Hara, H., "Wavelengths and Intensities of Spectral Lines in the 171-211 and 245-291 Å Ranges from Five Solar Regions Recorded by the Extreme-Ultraviolet Imaging Spectrometer (EIS) on Hinode", 2008ApJS...176...511B ADS
- Feldman, U. & Landi, E., "The temperature structure of solar coronal plasmas", 2008PhPl...15e6501F ADS
- Feldman, U., Landi, E., & Doschek, G. A., "Line Intensity Ratios in the EIS Range Sensitive to Electron Densities in 10^7 K Plasmas", 2008ApJ...679...843F ADS
- Doschek, G. A., Warren, H. P., & Feldman, U., "Ultra-Hot Plasma in Active Regions Observed by the Extreme-ultraviolet Imaging Spectrometer on Hinode", 2008AGUSMSP43C...01D ADS
- Widing, K. G. & Feldman, U., "Calcium-to-Argon and Nickel-to-Argon Abundance Ratios as Tracers of the Source Region of Postflare Loop System Material", 2008ApJ...675...863W ADS
- Feldman, U., Seely, J. F., Landi, E., & Ralchenko, Y., "An EUV narrow band imaging technique for diagnosing 10-30 keV ITER plasmas", 2008AIPC...988...205F ADS
- Feldman, U., Doschek, G. A., Seely, J. F., Landi, E., & Dammasch, I., "A proposed new method for the determination of the solar irradiance at EUV wavelength range", 2008cosp...37...866F ADS
- Landi, E. & Feldman, U., "The Thermal Structure of an Active Region Observed Outside the Solar Disk", 2008ApJ...672...674L ADS
- Wilhelm, K., Marsch, E., Dwivedi, B. N., & Feldman, U., "Observations of the Sun at Vacuum-Ultraviolet Wavelengths from Space. Part II: Results and Interpretations", 2007SSRv...133...103W 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
- Seely, J., Feldman, U., Brown, C., Doschek, G., & Hara, H., "Comparison of solar spectra from the Hinode extreme-ultraviolet imaging spectrometer (EIS) to preflight calibrations", 2007SPTe.6688E...0WS ADS
- Feldman, U. & Doschek, G. A., "Improved low-lying energy levels determined from solar coronal forbidden and spin-forbidden lines in the 500-1500 Å range", 2007ADNDT...93...779F ADS
- Feldman, U. & Widing, K. G., "Spectroscopic Measurement of Coronal Compositions", 2007SSRv...130...115F ADS
- Feldman, U., Landi, E., & Doschek, G. A., "Diagnostics of Suprathermal Electrons in Active-Region Plasmas Using He-like UV Lines", 2007ApJ...660.1674F ADS
- Ralchenko, Y., Feldman, U., & Doschek, G. A., "Is There a High-Energy Particle Population in the Quiet Solar Corona?", 2007ApJ...659.1682R ADS
- Landi, E., Feldman, U., & Doschek, G. A., "Neon and Oxygen Absolute Abundances in the Solar Corona", 2007ApJ...659...743L ADS
- Feldman, U. & Widing, K. G., "Spectroscopic Measurement of Coronal Compositions", in R. von Steiger, G. Gloeckler, and G. M. Mason (Eds.), *The Composition of Matter*, Vol. 130, 115 2007coma.book...115F ADS
- Landi, E., Feldman, U., & Doschek, G. A., "Plasma Diagnostics of the Large-Scale Corona with SUMER", 2006ESASP.617E...12L ADS
- Landi, E., Feldman, U., & Doschek, G. A., "Plasma Diagnostics of the Large-Scale Corona with SUMER. I. Measurements at the West Limb", 2006ApJ...643.1258L ADS
- Phillips, K. J. H., Feldman, U., & Harra, L. K., "X-Ray Observations of Solar Long-Duration Flares", 2005ApJ...634...641P ADS
- Feldman, U., Landi, E., Doschek, G. A., & Mariska, J. T., "A new method for in-flight intensity calibration of high-resolution EUV and FUV spectrometers", 2005A&A...441.1211F ADS
- Curdt, W., Landi, E., Wang, T. J., & Feldman, U., "Evidence for In Situ Heating in Active Region Loops", 2005ESASP.592...475C ADS
- Wilhelm, K., Schühle, U., Curdt, W., et al., "On the nature of the unidentified solar emission near 117 nm", 2005A&A...439...701W ADS
- Feldman, U., Landi, E., & Schwadron, N. A., "On the sources of fast and slow solar wind", 2005JGRA...110.7109F ADS
- Doschek, G. A., Feldman, U., & Landi, E., "Properties of the Solar Corona Outside the West Solar Limb", 2005AGUSMSP21B...08D ADS
- Widing, K. G., Landi, E., & Feldman, U., "Coronal Element Comparison Observed by SOHO SUMER in the Quiet Southeast and Northwest Limb Regions at 1.04 R_{sun} above the Solar Disk", 2005ApJ...622.1211W ADS
- Feldman, U., Landi, E., & Laming, J. M., "Helium Abundance in High-Temperature Solar Flare Plasmas", 2005ApJ...619.1142F ADS
- Curdt, W., Landi, E., Wang, T., & Feldman, U., "In-Situ Heating in Active Region Loops", 2005Hva0B...29...157C ADS
- Curdt, W., Landi, E., & Feldman, U., "The SUMER spectral atlas of solar coronal features", 2004A&A...427.1045C ADS
- Behar, E., Leutenegger, M., Doron, R., et al., "Resolving X-Ray Sources from B Stars Spectroscopically: The Example of μ Leporis", 2004ApJ...612L...65B ADS
- Woo, R., Habbal, S. R., & Feldman, U., "Role of Closed Magnetic Fields in Coronal Wind Flow", 2004ApJ...612.1171W ADS
- Landi, E. & Feldman, U., "Models for Solar Magnetic Loops. IV. On the Relation between Coronal and Footpoint Plasma in Active Region Loops", 2004ApJ...611...537L ADS
- Feldman, U., Dammasch, I., Landi, E., & Doschek, G. A., "Observations Indicating That 1×10^7 K Solar Flare Plasmas May Be Produced In Situ from 1×10^6 K Coronal Plasma", 2004ApJ...609...439F ADS
- Feldman, U., Landi, E., & Curdt, W., "Newly Identified Forbidden Transitions within the Ground Configuration of Ions of Very Low Abundance P, Cl, K, and Co", 2004ApJ...607.1039F ADS
- Wilhelm, K., Dwivedi, B. N., Marsch, E., & Feldman, U., "Observations of the Sun at Vacuum-Ultraviolet Wavelengths from Space. Part I: Concepts and Instrumentation", 2004SSRv...111...415W ADS
- Doschek, G. A. & Feldman, U., "Properties of the Lower Transition Region: The Widths of Optically Allowed and Intersystem Spectral Lines", 2004ApJ...600.1061D ADS
- Woo, R., Habbal, S. R., & Feldman, U., "What do Measurements of Abundance Variations Tell us About the Origin and Evolution of the Solar Wind", 2003AGUFM41B0470W ADS
- Ekberg, J. O. & Feldman, U., "New Identifications of Mn VI and Fe VII Vacuum Ultraviolet Lines", 2003ApJS...148...567E ADS

- Ekberg, J. O. & Feldman, U., "New Identifications of Mn VII and Fe VIII Lines Belonging to Transitions of the Type $3p^64p-3p^64d$ and $3p^53d^2-3p^64d$ ", 2003ApJ...595...517E ADS
- Feldman, U., Landi, E., Doschek, G. A., Dammasch, I., & Curdt, W., "Free-Free Emission in the Far-Ultraviolet Spectral Range: A Resource for Diagnosing Solar and Stellar Flare Plasmas", 2003ApJ...593.1226F ADS
- Feldman, U. & Widing, K. G., "Elemental Abundances in the Solar Upper Atmosphere Derived by Spectroscopic Means", 2003SSRv...107...665F ADS
- Landi, E. & Feldman, U., "Properties of Solar Plasmas near Solar Maximum above Two Quiet Regions at Distances of 1.02-1.34 R_{solar} ", 2003ApJ...592...607L ADS
- Laming, J. M. & Feldman, U., "The Variability of the Solar Coronal Helium Abundance: Polar Coronal Holes Compared to the Quiet Sun", 2003ApJ...591.1257L ADS
- , "Images of the solar upper atmosphere from SUMER on SOHO", 2003ESASP1274...F ADS
- Doron, R., Doschek, G. A., Laming, J. M., Feldman, U., & Bhatia, A. K., "Temperature Measurements in the Solar Transition Region Using N III Line Intensity Ratios", 2003ApJ...590.1121D ADS
- Feldman, U., Landi, E., & Curdt, W., "Nonthermal Mass Motions within the High-Temperature Plasmas above a Complex Solar Active Region", 2003ApJ...585.1087F ADS
- Landi, E., Feldman, U., Innes, D. E., & Curdt, W., "Mass Motions and Plasma Properties in the 10^7 K Flare Solar Corona", 2003ApJ...582...506L ADS
- Doron, R., Feldman, U., Doschek, G. A., & Bar-Shalom, A., "The X-ray Spectra Predicted to Be Emitted From Hot Astrophysical Plasmas Abnormally Enriched With High-Z Elements - The Case of Mercury", 2002ASPC...277...461D ADS
- Doron, R., Behar, E., Doschek, G. A., & Feldman, U., "The Effect of High-Lying Configurations and Ionization and Recombination Processes on Analyses of Solar and Stellar Coronal Spectra", 2002AIPC...636...125D ADS
- Doron, R., Doschek, G. A., Feldman, U., Bhatia, A. K., & Bar-Shalom, A., "The Effect of High-Lying Levels on Atomic Models Relevant to Spectroscopic Analyses of Solar Extreme-Ultraviolet Spectra", 2002ApJ...574...504D 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
- Feldman, U., "The new picture of the transition region and corona from SUMER", 2002ESASP...508...531F ADS
- Laming, J. M. & Feldman, U., "SOHO/SUMER Measurements of the Solar Coronal Helium Abundance", 2002AAS...200...5716L ADS
- Doron, R., Feldman, U., Doschek, G. A., & Bar-Shalom, A., "An Inquiry into the Nature of Spectra from Hot Astrophysical Plasma Abnormally Enriched with Mercury", 2002ApJS...139...297D 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
- Feldman, U. & Widing, K. G., "A review of the first ionization potential effect on elemental abundances in the solar corona and in flares", 2002PhPl...9...629F ADS
- Feldman, U., "Electric Currents as the Main Cause of Coronal and Flare Activity in the Sun and in Many Late-Type Stars", 2002PhyS...65...185F ADS
- Laming, J. M. & Feldman, U., "The Solar Helium Abundance in Polar Coronal Holes as Measured by SOHO/SUMER", 2001AAS...199.8806L ADS
- Curdt, W., Brekke, P., Feldman, U., et al., "The SUMER spectral atlas of solar-disk features", 2001AIPC...598...45C ADS
- Feldman, U., Dammasch, I. E., & Wilhelm, K., "On the Unresolved Fine Structures of the Solar Upper Atmosphere. IV. The Interface with the Chromosphere", 2001ApJ...558...423F ADS
- Landi, E., Doron, R., Feldman, U., & Doschek, G. A., "Intensity Ratios between the $2s^2\ 1S_0-2s2p\ 3P_1$ and $2s^2p\ 1P_1-2p^2\ 1D_2$ Transitions in Be-like Ions as Electron Temperature Indicators for Solar Upper Atmosphere Plasmas", 2001ApJ...556...912L ADS
- Curdt, W., Brekke, P., Feldman, U., et al., "The SUMER spectral atlas of solar-disk features", 2001A&A...375...591C ADS
- Widing, K. G. & Feldman, U., "On the Rate of Abundance Modifications versus Time in Active Region Plasmas", 2001ApJ...555...426W ADS
- Curdt, W., Brekke, P., Feldman, U., et al., "VizieR Online Data Catalog: SUMER Spectral Atlas of Solar Disk Features (Curdt+, 2001)", 2001yCat...33750591C ADS
- Feldman, U., "FIP Effect Measurements in the Solar Corona and in Flares", 2001AGUSM...SH52C04F ADS
- Curdt, W., Landi, E., Feldman, U., et al., "Spectroscopic features in the EUV emission of a M8 flare observed by SUMER", 2001IAUS...203...260C ADS
- Doschek, G. A., Feldman, U., Laming, J. M., Schühle, U., & Wilhelm, K., "Properties of Solar Polar Coronal Hole Plasmas Observed above the Limb", 2001ApJ...546...559D ADS
- Laming, J. M. & Feldman, U., "The Solar Helium Abundance in the Outer Corona Determined from Observations with SUMER/SOHO", 2001ApJ...546...552L ADS
- Feldman, U., Curdt, W., Landi, E., & Wilhelm, K., "Identification of Spectral Lines in the 500-1600 Å Wavelength Range of Highly Ionized Ne, Na, Mg, Ar, K, Ca, Ti, Cr, Mn, Fe, Co, and Ni Emitted by Flares ($T_{\text{e}}=3\times 10^6$ K) and Their Potential Use in Plasma Diagnostics", 2000ApJ...544...508F ADS
- Feldman, U., Dammasch, I. E., & Wilhelm, K., "The Morphology of the Solar Upper Atmosphere During the Sunspot Minimum", 2000SSRv...93...411F ADS
- Curdt, W., Landi, E., Wilhelm, K., & Feldman, U., "Wavelength measurements of heliumlike $1s2s\ 3S_1-1s2p\ 3P_{0,2}$ transitions in Ne^8 , Na^9 , Mg^{10} , and Si^{12} emitted by solar flare plasmas", 2000PhRvA...62b2502C ADS
- Kucera, T. A., Feldman, U., Widing, K. G., & Curdt, W., "Wavelengths of Forbidden Transitions Arising from Levels Within the $\text{Fe}^{+19}\ 2S^22P^3$ Ground Configuration", 2000ApJ...538...424K ADS
- Curdt, W., Dwivedi, B. N., & Feldman, U., "The EUV Spectrum of Sunspot Plumes Observed by SUMER on SOHO", 2000JApA...21...397C ADS
- Doschek, G. A., Feldman, U., & Laming, J. M., "Properties of Solar Polar Coronal Hole Plasmas Observed Above the Limb", 2000SPD...31.1307D ADS
- Feldman, U., "Observations: The case for unresolved fine structures", 2000SPD...31.1201F ADS
- Kucera, T. A., Feldman, U., Widing, K. G., Curdt, W., & Khan, J. I., "Newly Discovered Fe XX lines in Flares Observed by SOHO/SUMER and Skylab", 2000SPD...31.0264K ADS
- Laming, J. M. & Feldman, U., "The Solar Helium Abundance in the Outer Corona Determined from Observations with SUMER/SOHO", 2000SPD...31.0224L ADS
- Laming, J. M. & Feldman, U., "The solar helium abundance in the outer corona determined from observations with SUMER/SOHO", 2000BAAS...32Q.815L ADS
- Feldman, U. & Laming, J. M., "Element Abundances in the Upper Atmospheres of the Sun and Stars: Update of Observational Results", 2000PhyS...61...222F ADS
- Feldman, U., Widing, K. G., & Warren, H. P., "Erratum: Morphology of the Quiet Solar Upper Atmosphere in the 4 W 104 < T_e < 1.4 W 106 K Temperature Regime", 2000ApJ...529.1145F ADS
- Schühle, U., Curdt, W., Hollandt, J., et al., "Radiometric Calibration of the Vacuum-Ultraviolet Spectrograph SUMER on the SOHO Spacecraft with the B Detector", 2000ApOpt...39...418S ADS
- Doschek, G. A. & Feldman, U., "Extreme-Ultraviolet Spectral Line Widths in Quiet-Sun Coronal Plasmas at Distances of $1.03\leq R_{\text{solar}}\leq 1.45$ along the Solar Equatorial Plane", 2000ApJ...529...599D ADS
- Laming, J. M. & Feldman, U., "Relationships among the Intensities of LI-, BE-, and NA-like Resonance Lines in Collisionally Ionized Astrophysical Plasmas ($10^5\leq T_e\leq 10^7$ K)", 1999ApJ...527...461L ADS
- Schühle, U., Brown, C. M., Curdt, W., & Feldman, U., "Molecular Hydrogen Lines Observed with SUMER in the Spectrum of a Sunspot", 1999ESASP.446...617S ADS
- Norton, H., Newmark, J. S., & Feldman, U., "SOHO EIT Observations of Coronal Holes", 1999ESASP.446...509N ADS
- Laming, J. M. & Feldman, U., "Measuring the Solar He Abundance in the Outer Corona with SUMER", 1999ESASP.446...405L ADS
- Feldman, U., Widing, K. G., & Warren, H. P., "Morphology of the Quiet Solar Upper Atmosphere in the $4\times 10^4 < T_e < 1.4\times 10^6$ K Temperature Regime", 1999ApJ...522.1133F ADS
- Laming, J. M., Feldman, U., Drake, J. J., & Lemaire, P., "The Off-Limb Behavior of the First Ionization Potential Effect in $T>5\times 10^5$ K Solar Plasmas", 1999ApJ...518...926L ADS
- Doschek, E. E., Laming, J. M., Doschek, G. A., Feldman, U., & Wilhelm, K., "A Comparison of Measurements of Solar Extreme-Ultraviolet Spectral Line Intensities Emitted by C, N, O, and S Ions with Theoretical Calculations", 1999ApJ...518...909D ADS
- Feldman, U., Doschek, G. A., Schühle, U., & Wilhelm, K., "Properties of Quiet-Sun Coronal Plasmas at Distances of $1.03\leq R_{\text{solar}}\leq 1.50$ along the Solar Equatorial Plane", 1999ApJ...518...500F ADS
- Doschek, G. A. & Feldman, U., "Properties of the Quiet Sun Corona in the West Limb Equatorial Streamer Region", 1999AAS...19410005D ADS
- Kink, I., Engström, L., & Feldman, U., "New Identifications of Si VIII and S X Lines in the Solar Coronal Spectrum Measured by SOHO/SUMER", 1999ApJ...512...496K ADS
- Feldman, U., Laming, J. M., Doschek, G. A., Warren, H. P., & Golub, L., "On the Ability of an Extreme-Ultraviolet Multilayer Normal-Incidence Telescope to Provide Temperature Information for Solar Plasmas", 1999ApJ...511L...61F ADS

- Doschek, G. A., Feldman, U., Laming, J. M., et al., "The Electron Pressure in the Solar Lower Transition Region Determined from O V and Si III Density-sensitive Line Ratios", 1998ApJ...507..991D ADS
- Feldman, U., "On the Unresolved Fine Structures of the Solar Atmosphere. III. Elemental Abundances Consideration", 1998ApJ...507..974F ADS
- Feldman, U., Schühle, U., Widing, K. G., & Laming, J. M., "Coronal Composition above the Solar Equator and the North Pole as Determined from Spectra Acquired by the SUMER Instrument on SOHO", 1998ApJ...505..999F ADS
- Doschek, G. A., Laming, J. M., Feldman, U., et al., "The Si/Ne Abundance Ratio in Polar Coronal Hole and Quiet-Sun Coronal Regions", 1998ApJ...504..573D ADS
- Feldman, U., Curdt, W., Doschek, G. A., et al., "High-Temperature Lines in SUMER Spectra Recorded Above a Bright Solar Active Region", 1998ApJ...503..467F ADS
- Feldman, U., Brown, C. M., Laming, J. M., Seely, J. F., & Doschek, G. A., "A Compact Spectral Range and Matching Extreme-Ultraviolet Spectrometer for the Simultaneous Study of 1×10^4 - 2×10^7 K Solar Plasmas", 1998ApJ...502..997F ADS
- Feldman, U., "FIP Effect in the Solar Upper Atmosphere: Spectroscopic Results", 1998SSRv...85..227F ADS
- Spicer, D. S., Feldman, U., Widing, K. G., & Rilee, M., "The Neon-to-Magnesium Abundance Ratio as a Tracer of the Source Region of Prominence Material", 1998ApJ...494..450S ADS
- Feldman, U., "FIP Effect in the Solar Upper Atmosphere: Spectroscopic Results", 1998sce.conf..227F ADS
- Schühle, U., Antonchov, S. K., Barbee, T. W., J., et al., "The Magnetic Reconnection Explorer (MAGREX)", 1998ESASP.417..289S ADS
- Phillips, K. J. H. & Feldman, U., "Using the YOHHOH BCS to Check Element Abundances and Ionization Fractions", 1998ASSL..229..341P ADS
- Laming, J. M., Feldman, U., Drake, J. J., et al., "The Off-Limb Behaviour of the Solar Transition Region FIP Effect", 1997AAS...191.7301L ADS
- Curdt, W., Feldman, U., Laming, J. M., et al., "The solar disk spectrum between 660 and 1175 Angstroms (first order) obtained by SUMER on SOHO", 1997A&AS..126..281C ADS
- Feldman, U., Behring, W. E., Curdt, W., et al., "A Coronal Spectrum in the 500-1610 Angstrom Wavelength Range Recorded at a Height of 21,000 Kilometers above the West Solar Limb by the SUMER Instrument on Solar and Heliospheric Observatory", 1997ApJS...113..195F ADS
- Kink, I., Jupén, C., Engström, L., et al., "Laboratory Identification of Temperature Diagnostic Si VII and S IX Lines Present in the Solar Coronal Spectra Measured by SUMER/SOHO", 1997ApJ...487..956K ADS
- Wilhelm, K., Lemaire, P., Feldman, U., et al., "Radiometric calibration of SUMER: refinement of the laboratory results under operational conditions on SOHO", 1997ApOpt...36.6416W ADS
- Laming, J. M., Feldman, U., Schühle, U., et al., "Electron Density Diagnostics for the Solar Upper Atmosphere from Spectra Obtained by SUMER/SOHO", 1997ApJ...485..911L ADS
- Seely, J. F., Feldman, U., Schühle, U., et al., "Turbulent Velocities and Ion Temperatures in the Solar Corona Obtained from SUMER Line Widths", 1997ApJ...484L..87S ADS
- Curdt, W., Feldman, U., Laming, J. M., et al., "VizieR Online Data Catalog: Solar disk spectrum (660-1175A) (Curdt+ 1997)", 1997yCat...41260281C ADS
- Phillips, K. J. H. & Feldman, U., "Yohkoh Observations as a Means of Checking S, Ca, and Fe Coronal Abundances and He-like Ionization Fractions", 1997ApJ...477..502P ADS
- Wilhelm, K., Lemaire, P., Curdt, W., et al., "First Results of the SUMER Telescope and Spectrometer on SOHO - I. Spectra and Spectroradiometry", 1997SoPh...170...75W ADS
- Feldman, U., Doschek, G. A., & Klimchuk, J. A., "The Occurrence Rate of Soft X-Ray Flares as a Function of Solar Activity", 1997ApJ...474..511F ADS
- Feldman, U., "Properties of thermal flare plasmas (3×10^6 - 3×10^7 K): Observational results", 1996PhPl...3.3203F ADS
- Feldman, U., Doschek, G. A., & Behring, W. E., "Electron Temperature and Emission Measure Determinations of Very Faint Solar Flares", 1996ApJ...461..465F ADS
- Feldman, U., Doschek, G. A., Behring, W. E., & Phillips, K. J. H., "Electron Temperature, Emission Measure, and X-Ray Flux in A2 to X2 X-Ray Class Solar Flares", 1996ApJ...460.1034F ADS
- Doschek, G. A. & Feldman, U., "The Temperature of the Bright Knots at the Tops of Solar Flare Loops", 1996ApJ...459..773D ADS
- Seely, J. F. & Feldman, U., "Relationship between Cold and Hot Post-Flare Loops and the Impact on the Reconnection Flare Model", 1996mpsa.conf..517S ADS
- Greenhouse, M. A., Smith, H. A., & Feldman, U., "Possibility of infrared coronal line laser emission in Seyfert nuclei.", 1996amli.conf..295G ADS
- Feldman, U., "Properties of Thermal Flares (4-30 MK) Derived from Observations: Does a Reconnection Mechanism Have a Role in the Flare Process?", 1996ASPC...111..145F ADS
- Doschek, G. A., Feldman, U., & Dubau, J., "Ultra Low Temperature Sulfur X-Ray Spectra", 1996ASPC...111..122D ADS
- Phillips, K. J. H. & Feldman, U., "Properties of cool flare with GOES class B5 to C2.", 1995A&A...304..563P ADS
- Feldman, U., Laming, J. M., & Doschek, G. A., "The Correlation of Solar Flare Temperature and Emission Measure Extrapolated to the Case of Stellar Flares", 1995ApJ...451L..79F ADS
- Feldman, U. & Seely, J. F., "Relationship between Cold and Hot Post-Solar Flare Loops and the Impact on the Reconnection Flare Model", 1995ApJ...450..902F ADS
- Feldman, U., Doschek, G. A., Mariska, J. T., & Brown, C. M., "Relationships between Temperature and Emission Measure in Solar Flares Determined from Highly Ionized Iron Spectra and from Broadband X-Ray Detectors", 1995ApJ...450..441F ADS
- Greenhouse, M. A., Feldman, U., Smith, H. A., et al.: 1995, Infrared Coronal Emission Lines and the Possibility of Their Laser Emission in Seyfert Nuclei: Erratum, Astrophysical Journal Supplement v.99, p.743 1995ApJS...99..743G ADS
- Phillips, K. J. H. & Feldman, U., "VizieR Online Data Catalog: Cool X-ray flares of Sun with GOES (Phillips+, 1995)", 1995yCat...33040563P ADS
- Feldman, U., Seely, J. F., Doschek, G. A., et al., "Morphology and Physical Parameters for Two Long-Duration Solar Flares: Observations from YOHHOH", 1995ApJ...446..860F ADS
- Widing, K. G. & Feldman, U., "Abundance Ratios of Oxygen, Neon, and Magnesium in Solar Active Regions and Flares: The FIP Effect", 1995ApJ...442..446W ADS
- Feldman, U., "Can the state of ionization equilibrium in the solar upper atmosphere be determined by means of atomic physics?", 1995CoAMP...31...11F ADS
- Feldman, U. & Laming, J. M., "On the Absence of a Relationship between the Properties of the $T E \geq 10^6$ K and the Properties of the $T E \leq 7 \times 10^5$ K Solar Plasmas", 1994ApJ...434..370F ADS
- Seely, J. F., Feldman, U., Doschek, G. A., et al., "Morphology of the 10 Million Degree Plasma in Solar Flares and the Failure of the Chromospheric Evaporation Model", 1994koFu.symp..177S ADS
- Feldman, U., "The plasma properties of the solar upper atmosphere determined from high resolution observations and the nature of the physical processes sustaining it", 1994PhPl...1.1390F ADS
- Laming, J. M. & Feldman, U., "The Solar Abundance of Helium Determined from a Redshifted Plasma Flow over a Sunspot", 1994ApJ...426..414L ADS
- Feldman, U., Seely, J. F., Doschek, G. A., et al., "The Morphology of the 10⁷ K Plasma in Solar Flares. I. Nonimpulsive Flares", 1994ApJ...424..444F ADS
- Seely, J. F., Feldman, U., Brown, C. M., et al., "Absorption spectroscopy of radiatively-heated low-Z foils", 1994JQSRT...51..349S ADS
- Feldman, U., Hiei, E., Phillips, K. J. H., Brown, C. M., & Lang, J., "Very Impulsive Solar Flares Observed with the YOHHOH Spacecraft", 1994ApJ...421..843F ADS
- Feldman, U., Hiei, E., Phillips, K. J. H., Lang, J., & Brown, C. M., "Very Impulsive Flares Observed with YOHHOH", 1994xspy.conf..269F ADS
- Feldman, U., "What have we Learned from YOHHOH about Flares and what Should BE done from Solar B", 1994xspy.conf..139F ADS
- Lang, J., Feldman, U., Hiei, E., Phillips, K. J. H., & Brown, C. M., "Very Impulsive Flares Observed with YOHHOH", 1994emsp.conf..191L ADS
- Greenhouse, M. A., Feldman, U., Smith, H. A., et al., "Infrared Coronal Emission Lines and the Possibility of their Laser Emission in Seyfert Nuclei", 1994IAUS...159..447G ADS
- McKenzie, D. L. & Feldman, U., "Solar Coronal Abundances of Elements with Low First Ionization Potential: Chromium, Calcium, and Aluminum", 1994ApJ...420..892M ADS
- Kowalski, M. P., Seely, J. F., Cruddace, R. G., et al., "High-resolution EUV spectroscopy: performance of spherical multilayer-coated gratings operated at near normal incidence", 1993SPIE.1945..164K ADS
- Widing, K. G. & Feldman, U., "Nonphotospheric Abundances in a Solar Active Region", 1993ApJ...416..392W ADS
- Greenhouse, M. A., Feldman, U., Smith, H. A., et al., "Infrared Coronal Emission Lines and the Possibility of Their Laser Emission in Seyfert Nuclei", 1993ApJS...88...23G ADS
- Feldman, U. & Widing, K. G., "Elemental Abundances in the Upper Solar Atmosphere of Quiet and Coronal Hole Regions ($T E 4.3 \times 10^5$ K)", 1993ApJ...414..381F ADS
- Feldman, U., "Is It Justified to Assume that "Everywhere in the Sun's Photosphere-Corona Domain the Electric Conductivity Is High"?; or, What Drives the Solar Upper Atmosphere?", 1993ApJ...411..896F ADS

- Widing, K. G. & Feldman, U., "Non-Photospheric Abundances in a Solar Active Region", 1993BAAS...25.1201W ADS
- Ekberg, J. O. & Feldman, U., "Atomic Transition Probabilities of Fe II Lines Determined from Solar Emission Spectra. I. The 2000–2800 Angstrom Wavelength Range", 1993ApJS...86..611E ADS
- Laming, J. M. & Feldman, U.: 1993, *The He II 1640 Angstrom Multiplet Observed from Solar Prominences: Erratum*, *Astrophysical Journal* v.409, p.869 1993ApJ...409..869L ADS
- Feldman, U. & Laming, J. M., "A Burst Model for Line Emission in the Solar Atmosphere. III. A Reassessment of the Assumptions of Constant Pressure and Steady State Coronal Equilibrium in the Solar Transition Region", 1993ApJ...404..799F ADS
- Sterling, A. C., Doschek, G. A., & Feldman, U., "On the Absolute Abundance of Calcium in Solar Flares", 1993ApJ...404..394S ADS
- Greenhouse, M. A., Feldman, U., Smith, H. A., et al., "Infrared coronal emission lines and the possibility of their maser emission in Seyfert nuclei", 1993egte.conf..303G ADS
- Feldman, U., "Highly ionized atoms: what do they teach us about the solar atmosphere?", 1993PhST...47..128F ADS
- Feldman, U., "Highly ionized atoms in space; or highly ionized atoms, what are they teaching us about the solar coronal heating processes?", 1993PhST...46...34F ADS
- Laming, J. M. & Feldman, U., "The He II 1640 Angstrom Multiplet Observed from Solar Prominences", 1993ApJ...403..434L ADS
- Klimchuk, J. A., Lemen, J. R., Feldman, U., Tsuneta, S., & Uchida, Y., "Thickness Variations along Coronal Loops Observed by the Soft X-Ray Telescope on YOHKOH", 1992PASJ...44L.181K ADS
- Watanabe, T., Hiei, E., Lang, J., et al., "Helium-Like Sulphur Emission Lines in Solar Active Regions and Their Sub-C Class Variability", 1992PASJ...44L.141W ADS
- Doschek, G. A., Mariska, J. T., Watanabe, T., et al., "YOHKOH Bragg Crystal Spectrometer Observations of the Dynamics and Temperature Behavior of a Soft X-Ray Flare", 1992PASJ...44L..95D ADS
- Acton, L. W., Feldman, U., Bruner, M. E., et al., "The Morphology of 20times 10(6) K Plasma in Large Non-Impulsive Solar Flares", 1992PASJ...44L..71A ADS
- Feldman, U., Laming, J. M., Mandelbaum, P., Goldstein, W. H., & Osterheld, A., "A Burst Model for Line Emission in the Solar Atmosphere. II. Coronal Extreme Ultraviolet Lines", 1992ApJ...398..692F ADS
- Feldman, U., "Elemental abundances in the upper solar atmosphere.", 1992PhyS...46..202F ADS
- Feldman, U., "Elemental abundances in the upper solar atmosphere", 1992PhST...46..202F ADS
- Greenhouse, M. A., Feldman, U., Smith, H. A., et al., "Infrared Coronal Emission Lines and the Possibility of Their Maser Emission In Seyfert Nuclei", 1992AAS...181.9803G ADS
- Meier, R. R., Feldman, U., Brown, C. M., & Picone, J. M., "Absolute O and O₂ concentrations in the thermosphere from SKYLAB occultation data", 1992P&SS...40.1153M ADS
- Seely, J. F. & Feldman, U., "Observation of Upflows during Soft X-Ray Solar Flares", 1992ApJ...394..697S ADS
- Feldman, U., Mandelbaum, P., Seely, J. F., Doschek, G. A., & Gursky, H., "The Potential for Plasma Diagnostics from Stellar Extreme-Ultraviolet Observations", 1992ApJS...81..387F ADS
- Widing, K. G. & Feldman, U., "Element Abundances and Plasma Properties in a Coronal Polar Plume", 1992ApJ...392..715W ADS
- Feldman, U., "The variability of elemental abundances in the upper solar atmosphere", 1992AIPC..257..171F ADS
- Klimchuk, J. A., Kluge, K., Lemen, J. R., Feldman, U., & Uchida, Y., "Thickness Variations Along Coronal Loops Observed by Yohkoh", 1992AAS...180.2304K ADS
- McKenzie, D. L. & Feldman, U., "Variations in the Relative Elemental Abundances of Oxygen, Neon, Magnesium, and Iron in High-Temperature Solar Active-Region and Flare Plasmas", 1992ApJ...389..764M ADS
- Laming, J. M. & Feldman, U., "A Burst Model for Line Emission in the Solar Atmosphere. I. XUV Lines of He I and He II in Impulsive Flares", 1992ApJ...386..364L ADS
- Feldman, U., "Transitions from Metastable Levels Emitted during Short-Duration Bursts: How Valid Are Their Calculated Intensities?", 1992ApJ...385..758F ADS
- Widing, K. G. & Feldman, U., "Elemental abundances and their variations in the upper solar atmosphere", 1992sws..co11..405W ADS
- Judge, P. G., Jordan, C., & Feldman, U., "Fe II Emission Lines. II. Excitation Mechanisms in Cool Stars", 1992ApJ...384..613J ADS
- Culhane, J. L., Hiei, E., Doschek, G. A., et al., "The Bragg Crystal Spectrometer for SOLAR-A", 1991SoPh..136...89C ADS
- Phillips, K. J. H. & Feldman, U., "The Iron-to-Calcium Abundance Ratio in the 20 X 10⁶ K Plasma of Medium and Large Solar Flares", 1991ApJ...379..401P ADS
- Doschek, G. A., Feldman, U., & Bhatia, A. K., "Intensities of the neonlike iron (Fe¹⁶) 2p⁵3s-2p⁵3p and 2p⁵3p-2p⁵3d transitions in solar-flare spectra", 1991PhRvA...43.2565D ADS
- Widing, K. G. & Feldman, U., "Element Abundances in a Coronal Polar Plume", 1991BAAS...23.1046W ADS
- Feldman, U. & Doschek, G. A., "The Solar Spectrum between 914 and 1177 Angstrom", 1991ApJS...75..925F ADS
- Meier, R. R., Widing, K. G., & Feldman, U., "Analysis of the Solar O ii/O III Multiplets at 834 Angstrom: Implications for the Emission Measure Distribution in the Vicinity of 40,000 K", 1991ApJ...369..570M ADS
- Feldman, U., "The beam driven chromospheric evaporation model of large solar flares: a model getting "no respect" from the sun", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), *Flare Physics in Solar Activity Maximum 22*, Vol. 387, 146 1991LNP...387..146F ADS
- Culhane, J. L., Hiei, E., Bentley, R. D., et al., "The SOLAR-A Bragg Crystal Spectrometer (Extended Abstract)", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), *Flare Physics in Solar Activity Maximum 22*, Vol. 387, 22 1991LNP...387...22C ADS
- Culhane, J. L., Hiei, E., Bentley, R. D., et al., "Plasma diagnostics with the Solar-A Bragg Crystal Spectrometer", 1991AdSpr...11e..77C ADS
- Seely, J. F., Brown, C. M., Feldman, U., et al., "Wavelengths and Energy Levels for the Na I Isoelectronic Sequence Y²⁸ through U⁸¹", 1991ADNDT...47...1S ADS
- Feldman, U., Widing, K. G., & Lund, P. A., "On the Anomalous Abundances of the 2 x10⁴-2 x10⁵ K Solar Atmosphere above a Sunspot", 1990ApJ...364L..21F ADS
- Feldman, U., "The Beam-driven Chromospheric Evaporation Model of Solar Flares: A Model Not Supported by Observations from Nonimpulsive Large Flares", 1990ApJ...364..322F ADS
- Feldman, U. & Widing, K. G., "Photospheric Abundances of Oxygen, Neon, and Argon Derived from the XUV Spectrum of an Impulsive Flare", 1990ApJ...363..292F ADS
- Seely, J. F., Feldman, U., Rozzi, S., Goldstein, W. H., & Klapisch, M., "Spectral Line Intensities for the Carbon Isoelectronic Sequence (Kr XXXI through Xe II)", 1990ADNDT...45..321S ADS
- Brown, C. M., Feldman, U., Doschek, G. A., Seely, J. F., & Lavilla, R. E., "Measurement of relative electron-impact-excitation cross sections for Fe(24+)", 1989PhRvA...40.4089B ADS
- Doschek, G. A., Feldman, U., Seely, J. F., & McKenzie, D. L., "High-Resolution X-Ray Spectra of Solar Flares. IX. Mass Upflow in the Long-Duration Flare of 1979 June 5", 1989ApJ...345.1079D ADS
- Feldman, U. & Widing, K. G., "Photospheric Abundances of Oxygen, Neon, and Argon Derived from XUV Spectra of an Impulsive Flare", 1989BAAS...21.1151F ADS
- Widing, K. G. & Feldman, U., "Abundance Variations in the Outer Solar Atmosphere Observed in SKYLAB Spectroheliograms", 1989ApJ...344.1046W ADS
- Feldman, U., Doschek, G. A., & Seely, J. F., "Erratum: Solar spectroscopy in the far-ultraviolet-x-ray wavelength regions: status and prospects: errata", 1989JOSAB...6..379F ADS
- Doschek, G. A., Feldman, U., Seely, J. F., & McKenzie, D. L., "Mass Upflow in the Long Duration Flare of 5 June 1979", 1989BAAS...21..850D ADS
- Widing, K. G. & Feldman, U., "Element Abundances in the Sun Observed on SKLAB Spectroheliograms", 1989BAAS...21..833W ADS
- Seely, J. F., Brown, C. M., & Feldman, U., "Wavelengths and Energy Levels for the Cu I Isoelectronic Sequence Ru¹⁵ through U⁶³", 1989ADNDT...43..145S ADS
- Bhatia, A. K., Seely, J. F., & Feldman, U., "Atomic Data and Spectral Line Intensities for the Nitrogen Isoelectronic Sequence (Ar XII through Kr XXX)", 1989ADNDT...43...99B ADS
- Feldman, U., Doschek, G. A., & Seely, J. F., "Solar spectroscopy in the far-ultraviolet - X-ray wavelength regions: status and prospects.", 1988JOSAB...5.2237F ADS
- Nam, C. H., Tighe, W., Suckewer, S., Feldman, U., & Seely, J., "Generation of XUV Spectra by Powerful Picosecond Laser", 1988JPhys...49..203N ADS
- Feldman, U., "On the Unresolved Fine Structures of the Solar Atmosphere. II. The Temperature Region 2 x10⁵ K-5 x10⁶ K", 1987ApJ...320..426F ADS
- Seely, J. F., Feldman, U., & Doschek, G. A., "Observations of Nonthermal Energy Distributions during the Impulsive Phase of Solar Flares", 1987ApJ...319..541S ADS
- Doschek, G. A. & Feldman, U., "Ultraviolet AL III Emission Lines and the Physics of the Solar Transition Region", 1987ApJ...315L..67D ADS
- Doschek, G. A. & Feldman, U., "The Temperature of Solar Flares Determined from X-Ray Spectral Line Ratios", 1987ApJ...313..883D ADS
- Feldman, U.: 1987, *Atlas of extreme ultraviolet spectroheliograms from 170 to 625 A. Volume 1; Volume 2* 1987aeus.book.....F ADS

- Bhatia, A. K., Seely, J. F., & Feldman, U., "Atomic Data and Spectral Line Intensities for the Carbon Isoelectronic Sequence (Ar XIII through Kr XXXI)", 1987ADNDT . . 36 . . 453B ADS
- Widing, K. G., Feldman, U., & Bhatia, A. K., "The Extreme-Ultraviolet Spectrum (300–630 Angstrom) of an Erupting Prominence Observed from SKY-LAB", 1986ApJ . . 308 . . 982W ADS
- Seely, J. F., Feldman, U., & Safronova, U. I., "Measurement of Wavelengths and Lamb Shifts for Inner-Shell Transitions in Fe xviii–xxiv", 1986ApJ . . 304 . . 838S ADS
- Seely, J. F. & Feldman, U., "Measured wavelengths for $N = 4$ to 2 transitions in Fe XXIV and Fe XXIII", 1986Phys . . 33 . . 110S ADS
- Bhatia, A. K., Feldman, U., & Seely, J. F., "Atomic Data and Spectral Line Intensities for the Beryllium Isoelectronic Sequence (Ar XV through Kr XXXIII)", 1986ADNDT . . 35 . . 449B ADS
- Bhatia, A. K., Feldman, U., & Seely, J. F., "Atomic Data and Spectral Line Intensities for the Boron Isoelectronic Sequence (Ar XIV through Kr XXXII)", 1986ADNDT . . 35 . . 319B ADS
- Seely, J. F. & Feldman, U., "High-resolution observations of X-ray transitions in Fe XXV-XXIII", 1985JPhB . . 18L . 797S ADS
- Doschek, G. A., Feldman, U., & Seely, J. F., "Element abundances from solar flare spectra", 1985MNRAS . 217 . . 317D ADS
- Kreplin, R. W., Doschek, G. A., Feldman, U., Sheeley, N. R., J., & Seely, J. F., "High-resolution X-ray spectra of solar flares. VII - A long-duration X-ray flare associated with a coronal mass ejection", 1985ApJ . . 292 . . 309K ADS
- Stratton, B. C., Moos, H. W., Suckewer, S., et al., "Relative intensities of $2s^2 2p^k - 2s 2p^{k+1}$ transitions in F i- to B i-like Ti, Cr, Fe, Ni, and Ge in a tokamak plasma: A comparison of experiment and theory", 1985PhRvA . . 31 . 2534S ADS
- McKenzie, D. L., Landecker, P. B., Feldman, U., & Doschek, G. A.: 1985, *The solar coronal X-ray spectrum 5.5-12 A* 1985STIN . . 8528908M ADS
- Seely, J. F. & Feldman, U., "Precision measurement of transition energies and Lamb shifts in two-electron argon and potassium in solar-flare spectra", 1985PhRvL . . 54 . 1016S ADS
- Seely, J. F. & Feldman, U., "Population mechanisms for the He(+) $N = 3$ levels determined from measurements of the solar 1640 A emission", 1985MNRAS . 213 . . 417S ADS
- Doschek, G. A., Feldman, U., & Seely, J. F., "Element Abundances from Solar Flare Spectra", 1985BAAS . . 17 . . 629D ADS
- Feldman, U., Doschek, G. A., & Seely, J. F., "New identifications of Fe XVII spectral lines in solar flares", 1985MNRAS . 212P . . 41F ADS
- McKenzie, D. L., Landecker, P. B., Feldman, U., & Doschek, G. A., "The solar coronal X-ray spectrum from 5.5 to 12 A", 1985ApJ . . 289 . . 849M ADS
- Bhatia, A. K., Feldman, U., & Seely, J. F., "Atomic Data and Spectral Line Intensities for the Neon Isoelectronic Sequence (Si V through Kr XXVII)", 1985ADNDT . . 32 . . 435B ADS
- Feldman, U., Seely, J. F., & Bhatia, A. K., "Spectral Line Intensities for the O I, N I, C I, B I, and Be I Isoelectronic Sequences, $Z = 26-36$ ", 1985ADNDT . . 32 . . 305F ADS
- Denton, R. E. & Feldman, U., "The relation of electron temperature to emission measure and limits of increase in emission measure in soft X-ray flares", 1984ApJ . . 286 . . 359D ADS
- Karpen, J. T., Doschek, G. A., & Feldman, U., "The Large Flare November 7, 1980: A Test of Chromospheric Evaporation Theories?", 1984BAAS . . 16 . 1003K ADS
- Seely, J. F. & Feldman, U., "Direct measurement of the increase in altitude of the soft X-ray emission region during a solar flare", 1984ApJ . . 280L . . 59S ADS
- Behring, W. E., Cohen, L., Seely, J. F., et al., "Transitions of the Type $2s-2p$ in Highly-Ionized Ca Through RB", 1984uxsa . coll . . 225B ADS
- Stratton, B. C., Moos, H. W., Feldman, U., et al., "Relative Intensities of Lines in Fi-Bi ti, cr, fe, ni, and Ge: a Comparison of Theory and Experiment", 1984uxsa . coll . . 175S ADS
- Seely, J. F., Feldman, U., & Doschek, G. A., "Measurement of Wavelengths and Abundances from Solar Flare X-Ray Spectra", 1984uxsa . coll . . 151S ADS
- Seely, J. F. & Feldman, U., "Measurement of the Increase in Altitude of the Soft X-Ray Emission Regions of Solar Flares (short Abstract)", 1984uxsa . coll . . 12S ADS
- Feldman, U., Doschek, G. A., & McKenzie, D. L., "On the rate of energy input in thermal solar flares", 1984ApJ . . 276L . . 53F ADS
- Feldman, U., Doschek, G. A., & McKenzie, D. L.: 1983, *On the rate of energy input in thermal solar flares* 1983STIN . . 8423548F ADS
- Feldman, U., "On the unresolved fine structures of the solar atmosphere in the 30,000-200,000 K temperature region", 1983ApJ . . 275 . . 367F ADS
- Feldman, U., Doschek, G. A., & Cohen, L., "Lines of Fe XII sensitive to coronal electron density", 1983ApJ . . 273 . . 822F ADS
- Feldman, U., Liggett, M., & Zirin, H., "He D3 as a diagnostic for the hard and soft X-rays from solar flares", 1983ApJ . . 271 . . 832F ADS
- Feldman, U., "X-Rays from Laboratory and Astrophysical Plasmas", 1982AIPC . . 94 . . 447F ADS
- Feldman, U., Doschek, G. A., & Kreplin, R. W., "High-resolution X-ray spectra of solar flares. VI - Impulsive soft X-ray flares", 1982ApJ . . 260 . . 885F ADS
- Feldman, U., Doschek, G. A., & Cohen, L., "Doppler wavelength shifts of ultraviolet spectral lines in solar active regions", 1982ApJ . . 255 . . 325F ADS
- Feldman, U., Cheng, C. C., & Doschek, G. A., "Observational constraints for a theoretical model describing the soft X-ray flare", 1982ApJ . . 255 . . 320F ADS
- Doschek, G. A. & Feldman, U., "Ultraviolet continuum absorption /less than about 1000 A/ above the quiet sun transition region", 1982ApJ . . 254 . . 371D ADS
- McKenzie, D. L., Broussard, R. M., Landecker, P. B., et al.: 1982, *Electron densities in a solar flare derived from X-ray spectra* 1982STIN . . 8325647M ADS
- Neupert, W. M., Epstein, G. L., Thomas, R. J., & Feldman, U., "A Solar Extreme Ultraviolet Telescope and Spectrograph for Shuttle / Spacelab", 1981SSRv . . 29 . . 425N ADS
- Doscher, G. A. & Feldman, U., "On ionization equilibrium in solar flares as determined from X-ray emissionlines of CA XVIII and CA XIX", 1981ApJ . . 251 . . 792D ADS
- Feldman, U., Doschek, G. A., & Bhatia, A. K., "Solar observations and atomic data for the $3s2 1s0-3s3p 3P1$ transition in S V", 1981ApJ . . 250 . . 799F ADS
- Feldman, U., "The use of spectral emission lines in the diagnostics of hot solar plasma.", 1981Phys . . 24 . . 681F ADS
- Doschek, G. A., Feldman, U., Landecker, P. B., & McKenzie, D. L., "High resolution solar flare X-ray spectra - The temporal behavior of electron density, temperature, and emission measure for two class M flares", 1981ApJ . . 249 . . 372D ADS
- Feldman, U., Doschek, G. A., & Cowan, R. D., "A discussion of theoretical ionization equilibrium calculations based on solar flare X-ray spectra", 1981MNRAS . 196 . . 517F ADS
- Doschek, G. A., Feldman, U., Landecker, P. B., & McKenzie, D. L.: 1981, *High resolution solar flare X-ray spectra: The temporal behavior of electron density, temperature, and emission measure for two class M flares* 1981STIN . . 8225073D ADS
- Zirin, H., Feldman, U., Doschek, G. A., & Kane, S., "On the relationship between soft X-rays and H-alpha-emitting structures during a solar flare", 1981ApJ . . 246 . . 321Z ADS
- McKenzie, D. L., Landecker, P. B., Broussard, R. M., et al.: 1981, *Solar flare X-ray spectra between 7.8 and 23.0 angstroms* 1981STIN . . 8225072M ADS
- Doschek, G. A., Mariska, J. T., & Feldman, U., "Mass motions in optically thin solar transition zone lines", 1981MNRAS . 195 . . 107D ADS
- Doschek, G. A., Feldman, U., & Cowan, R. D., "High resolution X-ray spectra of solar flares. V - Interpretation of inner-shell transitions in Fe XX-Fe XXIII", 1981ApJ . . 245 . . 315D ADS
- Cheng, C. C., Feldman, U., & Doschek, G. A., "What produces the high densities observed in solar flare plasmas", 1981A&A . . 97 . . 210C ADS
- Mariska, J. T., Doschek, G. A., & Feldman, U., "The detection of companion stars to the Cepheid variables Eta Aquilae and T Monocerotis.", 1981NASCP2171 . . 209M ADS
- Mariska, J. T., Doschek, G. A., & Feldman, U., "The detection of a companion star to the Cepheid variable T Monocerotis", 1980ApJ . . 242 . 1083M ADS
- Feldman, U., Doschek, G. A., Kreplin, R. W., & Mariska, J. T., "High-resolution X-ray spectra of solar flares. IV - General spectral properties of M type flares", 1980ApJ . . 241 . 1175F ADS
- McKenzie, D. L., Landecker, P. B., Broussard, R. M., et al., "Solar flare X-ray spectra between 7.8 and 23.0 Angstroms.", 1980ApJ . . 241 . 409M ADS
- Landecker, P. B., McKenzie, D. L., Doschek, G. A., & Feldman, U., "Simultaneous Observations of Solar Flares Obtained by the SOLEX AND SOLFLEX High Resolution X-Ray Spectrometers", 1980BAAS . . 12Q . 906L ADS
- Mariska, J. T., Feldman, U., & Doschek, G. A., "Physical conditions in the solar atmosphere above an active region", 1980ApJ . . 240 . . 300M ADS
- Doschek, G. A., Feldman, U., Kreplin, R. W., & Cohen, L., "High-resolution X-ray spectra of solar flares. III - General spectral properties of XI-X5 type flares", 1980ApJ . . 239 . . 725D ADS
- Mariska, J. T., Doschek, G. A., & Feldman, U., "The detection of a companion star to the Cepheid variable eta Aql.", 1980ApJ . . 238L . . 87M ADS
- Cheng, C. C., Feldman, U., & Doschek, G. A., "Observations of the O I 1355.6 A and C I 1355.8 A lines in solar flares", 1980A&A . . 86 . . 377C ADS
- Bhatia, A. K., Doschek, G. A., & Feldman, U., "Atomic data for S IV and solar observations of the $3x/2/3p 1/2/P-3s3p/2 1/4/P$ multiplet", 1980A&A . . 86 . . 32B ADS

- McKenzie, D. L., Broussard, R. M., Landecker, P. B., et al., "Electron densities in a solar flare derived from X-ray spectra", 1980ApJ...238L..43M ADS
- Feldman, U., Doschek, G. A., & Kreplin, R. W., "High-resolution X-ray spectra of the 1979 March 25 solar flare", 1980ApJ...238..365F ADS
- Doschek, G. A., Mariska, J. T., & Feldman, U., "Mass Motions in the Transition Zone of Coronal Holes", 1980BAAS...12S.518D ADS
- Mariska, J. T., Doschek, G. A., & Feldman, U., "The Detection of an Early Type Companion Star to the Classical Cepheid *T Mon*", 1980BAAS...12Q.462M ADS
- Feldman, U., Doschek, G. A., & Kreplin, R. W., "High resolution solar flare X-ray spectra.", 1980BAAS...12..529F ADS
- Kane, S. R., Crannell, C. J., Datlowe, D., et al., "Impulsive phase of solar flares", 1980sfs1.work..187K ADS
- Landecker, P. B., McKenzie, D. L., Broussard, R. M., et al., "SOLEX Solar Flare X-ray Spectra from 5 to 23 Å", 1979BAAS...11Q.709L ADS
- Mariska, J. T., Doschek, G. A., & Feldman, U., "The Detection of a Companion Star to the Cepheid Variable *Eta Aquilae*", 1979BAAS...11..687M ADS
- McKenzie, D. L., Broussard, R. M., Landecker, P. B., et al., "Solar Flare Electron Densities Derived from X-ray Spectra", 1979BAAS...11..676M ADS
- Doschek, G. A., Kreplin, R. W., & Feldman, U., "High-resolution solar flare X-ray spectra.", 1979ApJ...233L.157D ADS
- Bhatia, A. K., Feldman, U., & Doschek, G. A., "New atomic data for $Si\ 6+$, $S\ 8+$ and $Ar\ 10+$ ", 1979A&A...80...22B ADS
- Feldman, U. & Doschek, G. A., "The N III and O IV intersystem multiplets as density indicators for solar plasmas.", 1979A&A...79..357F ADS
- Cheng, C. C., Feldman, U., & Doschek, G. A., "The Fe XXI lambda 1354 line in solar flares observed from Skylab and its implications on ionization equilibrium calculations.", 1979ApJ...233..736C ADS
- Doschek, G. A., Feldman, U., & Mason, H. E., "EUV limb spectra of a surge observed from Skylab.", 1979A&A...78..342D ADS
- Mariska, J. T., Doschek, G. A., & Feldman, U., "Extreme-ultraviolet limb spectra of a prominence observed from Skylab.", 1979ApJ...232..929M ADS
- Bhatia, A. K., Doschek, G. A., & Feldman, U., "New atomic data for O^{+2} ", 1979A&A...76..359B ADS
- Doschek, G. A. & Feldman, U.: 1979, *Solar flare spectroscopic diagnostics for wavelengths less than 2000 angstroms*, Interim Report Naval Research Lab., Washington, DC. 1979nr1..reptQ...D ADS
- Feldman, U., Doschek, G. A., & Mariska, J. T., "On the structure of the solar transition zone and lower corona.", 1979ApJ...229..369F ADS
- Kreplin, R. W., Doschek, G. A., Feldman, U., Bell, W. D., & Wassam, W. W., "High Resolution Solar Flare X-Ray Spectra", 1979BAAS...11..421K ADS
- Mariska, J. T., Feldman, U., & Doschek, G. A., "Nonthermal broadening of extreme ultraviolet emission lines near the solar limb.", 1979A&A...73..361M ADS
- Mason, H. E., Bhatia, A. K., Doschek, G. A., & Feldman, U., "Fe XXI as an electron density diagnostic in solar flares.", 1979A&A...73...74M ADS
- Cheng, C. C., Doschek, G. A., & Feldman, U., "The dynamical properties of the solar corona from intensities and line widths of EUV forbidden lines of Si VIII, Fe XI, and Fe XII.", 1979ApJ...227.1037C ADS
- Burkhalter, P. G., Cohen, L., Cowan, R. D., & Feldman, U., "L-series satellite spectra in Ti XII and Fe XVI.", 1979JOSA...69.1133B ADS
- Doschek, G. A., Feldman, U., Bhatia, A. K., & Mason, H. E., "Densities in the quiet sun and polar coronal holes from EUV line ratios involving O III (1666.15 Å).", 1978ApJ...226.1129D ADS
- Mariska, J. T., Feldman, U., & Doschek, G. A., "Measurements of extreme-ultraviolet emission-line profiles near the solar limb.", 1978ApJ...226..698M ADS
- Feldman, U., Doschek, G. A., Mariska, J. T., Bhatia, A. K., & Mason, H. E., "Electron densities in the solar corona from density-sensitive line ratios in the N I isoelectronic sequence.", 1978ApJ...226..674F ADS
- Doschek, G. A., Feldman, U., Mariska, J. T., & Linsky, J. L., "Electron densities in stellar atmospheres determined from IUE spectra.", 1978ApJ...226L..35D 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
- Doschek, G. A. & Feldman, U., "EUV spectra from Skylab (1175 - 1940 Å). Mass motions in the transition zone in regions of solar activity.", 1978A&A...69...11D ADS
- Feldman, U. & Doschek, G. A., "Emission-line spectra of two active regions on the solar limb: 1175 - 1940 Å.", 1978ApJS...37..443F ADS
- Feldman, U., Doschek, G. A., & Behring, W. E., "The importance of spectroscopy in the 80 800 Å region for plasma diagnostics in the solar atmosphere", 1978SSRv...22..191F ADS
- Cohen, L., Feldman, U., & Doschek, G. A., "XUV spectra of the 1973 June 15 solar flare observed from Skylab. III. A list of spectral lines from 1000 to 1940 Å.", 1978ApJS...37..393C ADS
- Feldman, U. & Doschek, G. A., "The electron density at 10^5 K in different regions of the solar atmosphere derived from an intersystem line of O IV.", 1978A&A...65..215F ADS
- Cheng, C. C., Doschek, G. A., & Feldman, U., "The Dynamical Properties of the Solar Corona from Intensities and Line Widths of EUV Forbidden Lines of Si VIII, Fe XI, and Fe XII.", 1978BAAS...10Q.439C ADS
- Mariska, J. T., Feldman, U., & Doschek, G. A., "Nonthermal Broadening of Extreme Ultraviolet Emission Lines near the Solar Limb", 1978BAAS...10..432M ADS
- Feldman, U., Doschek, G. A., & Widing, K. G., "Electron densities in solar flare and active region plasmas from a density-sensitive line ratio of Fe IX.", 1978ApJ...219..304F ADS
- Doschek, G. A. & Feldman, U., "High-resolution spectra of the solar Mg II h and k lines from Skylab.", 1977ApJS...35..471D ADS
- Feldman, U. & Doschek, G. A., "The solar spectrum in the vicinity of the Si IV lines at 1122 and 1128 Å.", 1977A&A...61..295F ADS
- Feldman, U. & Doschek, G. A., "A search for a turbulent-free region in the solar transition zone.", 1977ApJ...216L.119F 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
- Feldman, U., Doschek, G. A., & Rosenberg, F. D., "XUV spectra of the 1973 June 15 solar flares observed from Skylab. II. Intersystem and forbidden transitions in transition zone and coronal ions.", 1977ApJ...215..652F ADS
- Doschek, G. A., Feldman, U., & Rosenberg, F. D., "XUV spectra of the 1973 June 15 solar flare observed from Skylab. I. Allowed transitions in chromospheric and transition zone ions.", 1977ApJ...215..329D ADS
- Doschek, G. A. & Feldman, U., "On the problem of density diagnostics for the EUV spectrum of the solar transition zone.", 1977A&A...58L..13D ADS
- Antiochos, S. K., Underwood, J. H., & Feldman, U., "Observations of a Radiatively Cooling Subflare.", 1977BAAS...9..329A ADS
- Feldman, U. & Doschek, G. A., "The 3s-3p and 3p-3d lines of Mg II observed above the solar limb from Skylab.", 1977ApJ...212L.147F ADS
- Doschek, G. A. & Feldman, U., "The coronal temperature and non-thermal motions in a coronal hole compared with other solar regions.", 1977ApJ...212L.143D ADS
- Feldman, U. & Doschek, G. A., "The Emission Spectrum of the Hydrogen Balmer Series Observed above the Solar Limb from SKYLAB. II. Active Regions ...", 1977ApJ...212..913F ADS
- Rosenberg, F. D., Feldman, U., & Doschek, G. A., "The emission spectrum of the hydrogen Balmer series observed above the solar limb from Skylab. I. A quiet Sun and a polar coronal hole.", 1977ApJ...212..905R ADS
- Doschek, G. A., Feldman, U., Johnson, D. J., & Nagel, D. J., "Recent High Spectral and Spatial Resolution Spectroscopy of Laser-Produced Plasmas and Electron-Ion Beam Plasmas.", 1977uxsa.co11...18D ADS
- Feldman, U. & Doschek, G. A., "EUV Spectroscopy of Solar Transition-Zone Plasmas.", 1977uxsa.co11...11F ADS
- Feldman, U. & Doschek, G. A., "Plasma diagnostics using high-resolution spectroscopic techniques.", 1977JOSA...67..726F ADS
- Doschek, G. A., Feldman, U., & Cohen, L., "Chromospheric limb spectra from Skylab: 2000 to 3200 Å-.", 1977ApJS...33..101D ADS
- Cheng, C. C., Doschek, G. A., & Feldman, U., "The emission-line spectrum of a sunspot in the far-ultraviolet.", 1976ApJ...210..836C ADS
- Feldman, U., Doschek, G. A., & Patterson, N. P., "The quiet sun chromospheric network observed from Skylab.", 1976ApJ...209..270F ADS
- Doschek, G. A., Feldman, U., & Rosenberg, F., "EUV Spectra of the 15 June 1973 Solar Flare Observed from Skylab.", 1976BAAS...8..555D ADS
- Feldman, U. & Doschek, G. A., "The Solar Mg II h and k Lines Observed from Skylab.", 1976BAAS...8..523F ADS
- Feldman, U., Brown, C. M., Doschek, G. A., Moore, C. E., & Rosenberg, F. D., "XUV spectrum of CI observed from Skylab during a solar flare.", 1976JOSA...66..853F ADS
- Doschek, G. A. & Feldman, U., "Exploring plasmas: in the Sun and in the laboratory.", 1976AsAer..14...24D ADS
- Feldman, U., Doschek, G. A., Vanhoosier, M. E., & Purcell, J. D., "The emission-line spectrum above the limb of a solar coronal hole: 1175 - 1940 Å.", 1976ApJS...31..445F ADS
- Doschek, G. A., Feldman, U., Vanhoosier, M. E., & Bartoe, J. D. F., "The emission-line spectrum above the limb of the quiet sun: 1175 - 1940 Å.", 1976ApJS...31..417D ADS
- Doschek, G. A., Feldman, U., & Bohlin, J. D., "Doppler wavelength shifts of transition zone lines measured in Skylab solar spectra.", 1976ApJ...205L.177D ADS
- Feldman, U., "Spectroscopy from Laser-produced Plasmas at Flare Temperatures", 1976Ap&SS..41..155F ADS
- Rosenberg, F. D., Feldman, U., & Doschek, G. A., "Densities in the Solar Chromosphere above the Quiet sun and a Coronal Hole Derived from the Hydrogen Balmer Lines", 1976BAAS...8..338R ADS

- Behring, W. E., Cohen, L., Feldman, U., & Doschek, G. A., "The solar spectrum: wavelengths and identifications from 160 to 770 Ångstroms.", 1976ApJ...203..521B ADS
- Doschek, G. A., Feldman, U., & Tousey, R., "Limb-brightening curves of XUV transition zone lines in the quiet sun and in a polar coronal hole observed from Skylab.", 1975ApJ...202L.151D ADS
- Feldman, U., Doschek, G. A., & Tousey, R., "The intensities and profiles of XUV transition zone lines in a quiet sun region compared to a polar coronal hole.", 1975ApJ...202L.147F ADS
- Feldman, U., Goldsmith, S., Schwob, J. L., & Doschek, G. A., "The spatial and temperature structure of vacuum spark plasmas.", 1975ApJ...201..225F ADS
- Doschek, G. A., Feldman, U., Davis, J., & Cowan, R. D., "Density sensitive lines of highly ionized iron", 1975PhRvA...12..980D ADS
- Feldman, U., Doschek, G. A., Vanhoosier, M. E., & Tousey, R., "The 1640.4 Å Halpha line of He II observed from Skylab.", 1975ApJ...199L..67F 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
- Feldman, U., Doschek, G. A., Cowan, R. D., & Cohen, L., "Transitions $2s^2pk - 2s2p$ I of the Ni and C i Isoelectronic Sequences", 1975ApJ...196..613F ADS
- Doschek, G. A., Feldman, U., & Cohen, L., "Transitions $2s^22p-2s2p^2$ in the B I isoelectronic sequence.", 1975JOSA...65..463D ADS
- Vidal, N. V. & Feldman, U., "Meteorological Conditions near the Wise Observatory, Israel", 1974QJRAS...15..462V ADS
- Feldman, U., Doschek, G. A., Nagel, D. J., Cowan, R. D., & Whitlock, R. R., "Satellite Line Spectra from Laser-Produced Plasmas", 1974ApJ...192..213F ADS
- Doschek, G. A., Behring, W. E., & Feldman, U., "The Widths of the Solar he i and he II Lines at 584, 537, and 304 Å", 1974ApJ...190L.141D ADS
- Feldman, U. & Behring, W. E., "Solar Coronal Line Profiles in the Extreme-Ultraviolet", 1974ApJ...189L..45F ADS
- Doschek, G. A., Feldman, U., Cowan, R. D., & Cohen, L., "Solar Flare Emission Lines of Highly-Ionized Iron and Nickel", 1974BAAS...6T.286D ADS
- Feldman, U., Doschek, G. A., Nagel, D. J., Cowan, R. D., & Whitlock, R. R., "X-ray Satellite Lines of Hydrogenlike and Heliumlike Ions", 1974BAAS...6R.286F ADS
- Behring, W. E., Doschek, G. A., Feldman, U., Cohen, L., & Houston, J., "The Width of the Solar 584 Å Line of Neutral Helium", 1974BAAS...6R.284B ADS
- Doschek, G. A., Feldman, U., Cowan, R. D., & Cohen, L., "Transitions $2S22pk - 2s2pk+$, of the F i, O I, and N i Isoelectronic Sequences", 1974ApJ...188..417D ADS
- Feldman, U., Doschek, G. A., Nagel, J., Behring, W. E., & Cowan, R. D., "Laser-Plasma Spectra of Highly Ionized Fluorine", 1974ApJ...187..417F ADS
- Feldman, U., Doschek, G. A., Nagel, D. J., Behring, W. E., & Cohen, L., "Transitions of Fe XVIII and Fe XIX Observed in Laser-Produced Plasmas", 1973ApJ...183L..43F ADS
- Behring, W. E., Ugiansky, R. J., & Feldman, U., "High-resolution rocket EUV solar spectrograph.", 1973JOSA...63R.484B ADS
- Doschek, G. A., Feldman, U., & Cohen, L., "On I isoelectronic sequence: transitions $2p^4-2p^33s$.", 1973JOSA...63.1463D ADS
- Feldman, U., Doschek, G. A., Cowan, R. D., & Cohen, L., "Fluorine isoelectronic sequence.", 1973JOSA...63.1445F ADS
- Behring, W. E., Ugiansky, R. J., & Feldman, U., "High resolution rocket EUV solar spectrograph.", 1973ApOpt...12..528B ADS
- Shaviv, G., Feldman, U., & Koslovsky, B.-Z., "Statistical Analysis of Multiple Absorption Spectra in QSO", 1972Ap&SS...19..159S ADS
- Feldman, U., Behring, W., & Cohen, L., "Wavelengths of solar lines in the 50-380 Å region and their identifications", 1972SSRv...13..608F ADS
- Goldsmith, S., Feldman, U., Oren, L., & Cohen, L., "Energy levels and spectra of the Li i and Be i isoelectronic sequences in the fourth row", 1972SSRv...13..560G ADS
- Goldsmith, S., Feldman, U., Oren, L., & Cohen, L., "Erratum: the Lithium-Like Spectra of K XVII Through MN XXIII in the Extreme-Ultraviolet Region", 1972ApJ...175..589G ADS
- Behring, W. E., Cohen, L., & Feldman, U., "The Solar Spectrum: Wavelengths and Identifications from 60 TO 385 Angstroms", 1972ApJ...175..493B ADS
- Behring, W. E., Cohen, L., & Feldman, U., "Improved Wavelengths and Identifications in the Solar Spectrum from 60-385 Å", 1972BAAS...4U.377B ADS
- Goldsmith, S., Feldman, U., Oren, L., & Cohen, L., "The Lithium-Like Spectra of K XVII Through MN XXIII in the Extremeultraviolet Region", 1972ApJ...174..209G ADS
- Goldsmith, S., Feldman, U., Crooker, A., & Cohen, L., "Carbon-like spectra of Sc XVI, Ti XVII, and V XVIII in the range 16 - 22 Å.", 1972JOSA...62..260G ADS
- Goldsmith, S., Feldman, U., & Cohen, L., "Extreme-ultraviolet spectra of Sc XIV, Ti XV, and V XVI.", 1971JOSA...61..615G ADS
- Hoory, S., Goldsmith, S., Feldman, U., Behring, W., & Cohen, L., "Boron-like spectra: Mg VIII, Al IX, and Si X.", 1971JOSA...61..504H ADS
- Feldman, U., Katz, L., Behring, W., & Cohen, L., "Spectra of Fe, Co, Ni, and Cu isoelectronic with Na I and Mg I.", 1971JOSA...61...91F ADS
- Bahcall, J. N. & Feldman, U., "On the Rich Absorption Spectra of Three Quasi-Stellar Objects", 1970ApJ...161..389B ADS
- Cohen, L. & Feldman, U., "A Line List for an Iron-Spark Spectrum (10-18 Å)", 1970ApJ...160L.105C ADS
- Hoory, S., Goldsmith, S., Fraenkel, B. S., & Feldman, U., "Identification and Classification of the $3p63d-3p53d4s$; Transitions in CO ix, NI x, and CU XI", 1970ApJ...160..781H ADS
- Feldman, U., Cohen, L., & Behring, W., "Lithium-like spectra in Mg, Al, and Si.", 1970JOSA...60..891F ADS
- Feldman, U. & Cohen, L., "C V Spectra Near the 1s-2p Line of C VI", 1969ApJ...158L.169F ADS
- Behring, W. E., Cohen, L., Saffer, K., & Feldman, U., "Observations of the Sun and Laboratory Sources with a Three-Meter xuv Spectrograph", 1969BAAS...15.272B ADS
- Zirin, H., Bohlin, J. D., Weart, S., & Feldman, U., "Round-the-Clock Photoheliography", 1969BAAS...1..297Z ADS
- Feldman, U. & Cohen, L., "An Iron Spark Line List in the 10-18 Å Range and its Comparison with Flare Spectra", 1968ApJ...151L..55F ADS
- Feldman, U., Cohen, L., & Underwood, J. H., "Spectra of Solar Physics Interest Produced by a Vacuum Spark Source", 1968AJS...73Q..60F ADS
- Feldman, U. & Cohen, L., "Newly Identified Lines in the NE i Isoelectronic Sequences", 1967ApJ...149..265F ADS
- Feldman, U., Cohen, L., & Swartz, M., "Newly Identified Resonance Lines of NI XIX, CU xx, and zn XXI", 1967ApJ...148..585F ADS
- Feldman, U. & Fraenkel, B. S., "Unclassified $3p^63d-3p^53d4s$ Transition Lines of Fe VIII, Mn VII, and Cr VI", 1966ApJ...145..959F ADS
- Feldman, U., Fraenkel, B. S., & Hoory, S., "Identification of Solar Ultraviolet Lines Resulting from a Study of the AR i and K i Isoelectronic Sequences.", 1965ApJ...142..719F ADS
- Alexander, E., Feldman, U., Fraenkel, B. S., & Hoory, S., " $3p^6-3p^53d$ Transitions of Fe IX and Ni XI in the Solar Spectrum", 1965Natur.206..176A ADS