

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

- Mathioudakis, M., “The many faces of small-scale solar magnetic features”, 2022cosp...44..2518M [ADS](#)
- Campbell, R., Collados, M., Quintero Noda, C., Mathioudakis, M., & Gafeira, R., “Exploring dynamic, small-scale quiet Sun magnetism at high S/N with the GREGOR/GRIS-IFU”, 2022cosp...44..2510C [ADS](#)
- Monson, A., Milligan, R., Kowalski, A., & Mathioudakis, M., “Photospheric Spectral Line Velocity Diagnostics in Solar and Stellar Flares”, 2022cosp...44..2449M [ADS](#)
- Mclaughlin, S., Simões, P., Milligan, R., et al., “Radiative Hydrodynamic Modelling Of The Lyman Continuum During Solar Flares”, 2022cosp...44..845M [ADS](#)
- Erdélyi, R., Korsós, M. B., Huang, X., et al., “The Solar Activity Monitor Network - SAMNet”, 2022JWSWC..12....2E [ADS](#)
- Erdélyi, R., Damé, L., Fludra, A., et al., “HiRISE - High-Resolution Imaging and Spectroscopy Explorer - Ultrahigh resolution, interferometric and external occulting coronagraphic science”, 2022ExA...tmp...21E [ADS](#)
- Nived, V. N., Scullion, E., Doyle, J. G., et al., “Implications of spicule activity on coronal loop heating and catastrophic cooling”, 2022MNRAS.509.5523N [ADS](#)
- Matthews, S. A., Reid, H. A. S., Baker, D., et al., “The high-energy Sun - probing the origins of particle acceleration on our nearest star”, 2021ExA...tmp...135M [ADS](#)
- Quinn, S., Mathioudakis, M., Nelson, C. J., et al., “Flare-induced Sunquake Signatures in the Ultraviolet as Observed by the Atmospheric Imaging Assembly”, 2021ApJ...920...25Q [ADS](#)
- Nelson, C. J., Campbell, R. J., & Mathioudakis, M., “Oscillations in the line-of-sight magnetic field strength in a pore observed by the GREGOR Infrared Spectrograph (GRIS)”, 2021A&A...654A..50N [ADS](#)
- Campbell, R. J., Shelyag, S., Quintero Noda, C., et al., “Constraining the magnetic vector in the quiet solar photosphere and the impact of instrumental degradation”, 2021A&A...654A..11C [ADS](#)
- Campbell, R. J., Mathioudakis, M., Collados, M., et al., “Temporal evolution of small-scale internetwork magnetic fields in the solar photosphere (Corrigendum)”, 2021A&A...652C...2C [ADS](#)
- Monson, A. J., Mathioudakis, M., Reid, A., Milligan, R., & Kuridze, D., “Flare-induced Photospheric Velocity Diagnostics”, 2021ApJ...915...16M [ADS](#)
- Srivastava, A. K., Ballester, J. L., Cally, P. S., et al., “Chromospheric Heating by Magnetohydrodynamic Waves and Instabilities”, 2021JGRA..12629097S [ADS](#)
- Rimmele, T., Woeger, F., Tritschler, A., et al., “The National Science Foundation’s Daniel K. Inouye Solar Telescope - Status Update”, 2021AA...23810601R [ADS](#)
- Rast, M. P., Bello González, N., Bellot Rubio, L., et al., “Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST)”, 2021SoPh..296...70R [ADS](#)
- Campbell, R. J., Mathioudakis, M., Collados, M., et al., “Temporal evolution of small-scale internetwork magnetic fields in the solar photosphere”, 2021A&A...647A.182C [ADS](#)
- Kuridze, D., Morgan, H., Oliver, R., Mathioudakis, M., & Koza, J., “Mapping the Magnetic Field of Flare Coronal Loops”, 2021cosp...43E1791K [ADS](#)
- Rimmele, T. R., Warner, M., Keil, S. L., et al., “The Daniel K. Inouye Solar Telescope - Observatory Overview”, 2020SoPh..295..172R [ADS](#)
- Dillon, C. J., Jess, D. B., Mathioudakis, M., et al., “Statistical Signatures of Nanoflare Activity. II. A Nanoflare Explanation for Periodic Brightenings in Flare Stars Observed by NGTS”, 2020ApJ...904..109D [ADS](#)
- Monson, A., Mathioudakis, M., Milligan, R., Reid, A., & Kuridze, D., “An Introduction to Photospheric Flare Line Diagnostics”, 2020AGUFMSH057..04M [ADS](#)
- Kowalski, A. F., Keys, P., & Mathioudakis, M., “High-Cadence DST/ROSA Observations of the NUV/Blue Continuum Radiation in a Solar Flare”, 2020AGUFMSH0500011K [ADS](#)
- Vilangot Nhalil, N., Nelson, C. J., Mathioudakis, M., Doyle, J. G., & Ramsay, G., “Power-law energy distributions of small-scale impulsive events on the active Sun: results from IRIS”, 2020MNRAS.499.1385V [ADS](#)
- Henriques, V. M. J., Nelson, C. J., Rouppe van der Voort, L. H. M., & Mathioudakis, M., “Umbral chromospheric fine structure and umbral flashes modelled as one: The corrugated umbra”, 2020A&A...642A.215H [ADS](#)
- Nelson, C. J., Krishna Prasad, S., & Mathioudakis, M., “Evolution of downflows in the transition region above a sunspot over short time-scales”, 2020A&A...640A.120N [ADS](#)
- Kelly, D. E., Christian, D. J., Mathioudakis, M., & Jevremović, D., “Can active late-type stars contribute to the Galactic lithium abundance?”, 2020RAA....20..104K [ADS](#)
- Kuridze, D., Mathioudakis, M., Heinzel, P., et al., “Spectral Characteristics and Formation Height of Off-limb Flare Ribbons”, 2020ApJ...896..120K [ADS](#)
- Reid, A., Zhigulin, B., Carlsson, M., & Mathioudakis, M., “Chromospheric Bubbles in Solar Flares”, 2020ApJ...894L..21R [ADS](#)
- Srivastava, A. K., Rao, Y. K., Konkol, P., et al., “Velocity Response of the Observed Explosive Events in the Lower Solar Atmosphere. I. Formation of the Flowing Cool-loop System”, 2020ApJ...894..155S [ADS](#)
- Nelson, C. J., Krishna Prasad, S., & Mathioudakis, M., “Evolution of supersonic downflows in a sunspot”, 2020A&A...636A..35N [ADS](#)
- Kayshap, P., Srivastava, A. K., Tiwari, S. K., Jelínek, P., & Mathioudakis, M., “Propagation of waves above a plage as observed by IRIS and SDO”, 2020A&A...634A..63K [ADS](#)
- Zuccarello, F., Guglielmino, S. L., Capparelli, V., et al., “Continuum Enhancements, Line Profiles, and Magnetic Field Evolution during Consecutive Flares”, 2020ApJ...889..65Z [ADS](#)
- Keys, P. H., Reid, A., Mathioudakis, M., et al., “High-resolution spectropolarimetric observations of the temporal evolution of magnetic fields in photospheric bright points”, 2020A&A...633A..60K [ADS](#)
- Schlüchtemaier, R., Bellot Rubio, L. R., Collados, M., et al., “Science Requirement Document (SRD) for the European Solar Telescope (EST) (2nd edition, December 2019)”, 2019arXiv191208650S [ADS](#)
- Nelson, C. J., Freij, N., Bennett, S., Erdélyi, R., & Mathioudakis, M., “Spatially Resolved Signatures of Bidirectional Flows Observed in Inverted-Y Shaped Jets”, 2019ApJ...883..115N [ADS](#)
- Keys, P. H., Reid, A., Mathioudakis, M., et al., “The magnetic properties of photospheric magnetic bright points with high-resolution spectropolarimetry”, 2019MNRAS.488L..53K [ADS](#)
- Procházka, O., Reid, A., & Mathioudakis, M., “Hydrogen Emission in Type II White-light Solar Flares”, 2019ApJ...882...97P [ADS](#)
- Quinn, S., Reid, A., Mathioudakis, M., et al., “The Chromospheric Response to the Sunquake Generated by the X9.3 Flare of NOAA 12673”, 2019ApJ...881..82Q [ADS](#)
- Christian, D. J., Kuridze, D., Jess, D. B., Yousefi, M., & Mathioudakis, M., “Multi-wavelength observations of the 2014 June 11 M3.9 flare: temporal and spatial characteristics”, 2019RAA....19..101C [ADS](#)
- Cegla, H. M., Watson, C. A., Shelyag, S., Mathioudakis, M., & Moutari, S., “Stellar Surface Magnetoconvection as a Source of Astrophysical Noise. III. Sun-as-a-Star Simulations and Optimal Noise Diagnostics”, 2019ApJ...879..55C [ADS](#)
- Nelson, C. J., Shukhobodskiy, A. A., Erdélyi, R., & Mathioudakis, M., “The Effect Of Cooling On Driven Kink Oscillations Of Coronal Loops”, 2019FrASS...6...45N [ADS](#)
- Kuridze, D., Mathioudakis, M., Morgan, H., et al., “Mapping the Magnetic Field of Flare Coronal Loops”, 2019ApJ...874..126K [ADS](#)
- Jess, D. B., Dillon, C. J., Kirk, M. S., et al., “Statistical Signatures of Nanoflare Activity. I. Monte Carlo Simulations and Parameter-space Exploration”, 2019ApJ...871..133J [ADS](#)
- Zuccarello, F., Guglielmino, S. L., Capparelli, V., et al., “Continuum emission enhancements and penumbral changes observed during flares by IRIS, ROSA, and Hinode”, 2019NCimC..42...13Z [ADS](#)
- Long, D., Reid, A., Harra, L., & Mathioudakis, M., “Coronal and chromospheric observations of pre- and post-flare plasma evolution”, 2018csc...confE..16L [ADS](#)
- Cegla, H. M., Watson, C. A., Shelyag, S., et al., “Stellar Surface Magnetoconvection as a Source of Astrophysical Noise. II. Center-to-limb Parameterization of Absorption Line Profiles and Comparison to Observations”, 2018ApJ...866...55C [ADS](#)
- Kowalski, A. F., Mathioudakis, M., & Hawley, S. L., “The Evolution of $T = 10,000$ K Blackbody-Like Continuum Radiation in the Impulsive Phase of dMe Flares”, 2018csss.confE..42K [ADS](#)
- Warner, M., Rimmele, T. R., Martínez Pillet, V., et al., “Construction update of the Daniel K. Inouye Solar Telescope project”, 2018SPIE10700E..0VW [ADS](#)
- Procházka, O., Reid, A., Milligan, R. O., et al., “Reproducing Type II White-light Solar Flare Observations with Electron and Proton Beam Simulations”, 2018ApJ...862...76P [ADS](#)
- Kuridze, D., Henriques, V. M. J., Mathioudakis, M., et al., “Spectropolarimetric Inversions of the Ca II 8542 Å Line in an M-class Solar Flare”, 2018ApJ...860..10K [ADS](#)
- Rimmele, T. R., Martínez Pillet, V., Goode, P. R., et al., “Status of the Daniel K. Inouye Solar Telescope: unraveling the mysteries the Sun.”, 2018AAS...23231601R [ADS](#)
- Srivastava, A. K., Pandey, J. C., Karmakar, S., et al., “First Evidence of the Frequency Filtering of Magnetoacoustic Waves in the Flaring Star EK Dra”, 2018arXiv180408858S [ADS](#)
- Doyle, J. G., Shetye, J., Antonova, A. E., et al., “Stellar flare oscillations: evidence for oscillatory reconnection and evolution of MHD modes”, 2018MNRAS.475.2842D [ADS](#)

- Keys, P. H., Morton, R. J., Jess, D. B., et al., “*Photospheric Observations of Surface and Body Modes in Solar Magnetic Pores*”, 2018ApJ...857...28K [ADS](#)
- Keenan, F. P., Poppenhaeger, K., Mathioudakis, M., et al., “*X-ray line coincidence photopumping in a solar flare*”, 2018MNRAS.474.3782K [ADS](#)
- Reid, A., Henriques, V. M. J., Mathioudakis, M., & Samanta, T., “*Penumbral Waves Driving Solar Fan-shaped Chromospheric Jets*”, 2018ApJ...855L..19R [ADS](#)
- Reid, A., Henriques, V. M. J., Mathioudakis, M., & Samanta, T., “*Penumbral Waves driving Solar chromospheric fan-shaped jets*”, 2018arXiv180207537R [ADS](#)
- Matthews, S., del Zanna, G., Calcines, A., et al., “*Non-thermal distributions and energy transport in the solar flares*”, 2017arXiv171200773M [ADS](#)
- Procházka, O., Reid, A., Milligan, R. O., Allred, J. C., & Mathioudakis, M., “*Modelling of Electron and Proton Beams in a White-light Solar Flare*”, 2017AGUFMSH41A2756P [ADS](#)
- Zuccarello, F., Simoes, P. J. D. A., Capparelli, V., et al., “ *$\text{H}\alpha$ and $\text{H}\beta$ emission in a C3.3 solar flare: comparison between observations and simulations*”, 2017AGUFMSH41A2742Z [ADS](#)
- Capparelli, V., Zuccarello, F., Romano, P., et al., “ *$\text{H}\alpha$ and $\text{H}\beta$ Emission in a C3.3 Solar Flare: Comparison between Observations and Simulations*”, 2017ApJ...850...36C [ADS](#)
- Kuridze, D., Henriques, V., Mathioudakis, M., et al., “*Spectroscopic Inversions of the Ca II 8542 Å Line in a C-class Solar Flare*”, 2017ApJ...846....9K [ADS](#)
- Nelson, C. J., Henriques, V. M. J., Mathioudakis, M., & Keenan, F. P., “*The formation of small-scale umbral brightenings in sunspot atmospheres*”, 2017A&A...605A..14N [ADS](#)
- Henriques, V. M. J., Mathioudakis, M., Socas-Navarro, H., & de la Cruz Rodríguez, J., “*A Hot Downflowing Model Atmosphere for Umbral Flashes and the Physical Properties of Their Dark Fibrils*”, 2017ApJ...845..102H [ADS](#)
- Reid, A., Henriques, V., Mathioudakis, M., Doyle, J. G., & Ray, T., “*Chromospheric Inversions of a Micro-flaring Region*”, 2017ApJ...845..100R [ADS](#)
- Nelson, C. J., Freij, N., Reid, A., et al., “*IRIS Burst Spectra Co-spatial to a Quiet-Sun Ellerman-like Brightening*”, 2017ApJ...845...16N [ADS](#)
- Keenan, F. P., Milligan, R. O., Mathioudakis, M., & Christian, D. J., “*An assessment of Fe xx-Fe xxii emission lines in SDO/EVE data as diagnostics for high-density solar flare plasmas using EUVE stellar observations*”, 2017MNRAS.468.1117K [ADS](#)
- Procházka, O., Milligan, R. O., Allred, J. C., et al., “*Suppression of Hydrogen Emission in an X-class White-light Solar Flare*”, 2017ApJ...837...46P [ADS](#)
- Reid, A., Mathioudakis, M., Kowalski, A., Doyle, J. G., & Allred, J. C., “*Solar Ellerman Bombs in 1D Radiative Hydrodynamics*”, 2017ApJ...835L..37R [ADS](#)
- Kowalski, A., Allred, J. C., Daw, A. N., et al., “*A Chromospheric Flare Model Consisting of Two Dynamical Layers: Critical Tests from IRIS Data of Solar Flares*”, 2017AA...22933902K [ADS](#)
- Kuridze, D., Mathioudakis, M., Christian, D. J., et al., “*Observations and Simulations of the Na I D_1 Line Profiles in an M-class Solar Flare*”, 2016ApJ...832..147K [ADS](#)
- Milligan, R. O., Procházka, O., Mathioudakis, M., Allred, J. C., & Kowalski, A. F., “*Suppression of Hydrogen Emission in a White-light Solar Flare*”, 2016AGUFMSH31B2561P [ADS](#)
- Kuridze, D., Zaqarashvili, T. V., Henriques, V., et al., “*Kelvin-Helmholtz Instability in Solar Chromospheric Jets: Theory and Observation*”, 2016ApJ...830..133K [ADS](#)
- Samanta, T., Henriques, V. M. J., Banerjee, D., et al., “*The Effects of Transients on Photospheric and Chromospheric Power Distributions*”, 2016ApJ...828...23S [ADS](#)
- Matthews, S. A., Collados, M., Mathioudakis, M., & Erdélyi, R., “*The European Solar Telescope (EST)*”, 2016SPIE.9908E..09M [ADS](#)
- McMullin, J. P., Rimmele, T. R., Warner, M., et al., “*Construction status of the Daniel K. Inouye solar telescope*”, 2016SPIE.9906E..1BM [ADS](#)
- Reid, A., Mathioudakis, M., Doyle, J. G., et al., “*Magnetic Flux Cancellation in Ellerman Bombs*”, 2016ApJ...823..110R [ADS](#)
- McMullin, J. P., Rimmele, T. R., Warner, M., et al., “*Construction Status and Early Science with the Daniel K. Inouye Solar Telescope*”, 2016SPD....4720101M [ADS](#)
- Henriques, V. M. J., Kuridze, D., Mathioudakis, M., & Keenan, F. P., “*Quiet-Sun $\text{H}\alpha$ Transients and Corresponding Small-scale Transition Region and Coronal Heating*”, 2016ApJ...820..124H [ADS](#)
- Kowalski, A. F., Mathioudakis, M., Hawley, S. L., et al., “*M Dwarf Flare Continuum Variations on One-second Timescales: Calibrating and Modeling of ULTRACAM Flare Color Indices*”, 2016ApJ...820...95K [ADS](#)
- Jess, D. B., Reznikova, V. E., Ryans, R. S. I., et al., “*Solar coronal magnetic fields derived using seismology techniques applied to omnipresent sunspot waves*”, 2016NatPh..12..179J [ADS](#)
- Kuridze, D., Mathioudakis, M., Simões, P. J. A., et al., “ *$\text{H}\alpha$ Line Profile Asymmetries and the Chromospheric Flare Velocity Field*”, 2015ApJ...813..125K [ADS](#)
- Cegla, H., Watson, C., Stassun, K., et al., “*Predicting and Disentangling Stellar Variability in Quiet Stars: Implications for Low-mass Planet Confirmation*”, 2015IAUGA..2256546C [ADS](#)
- Rimmele, T., McMullin, J., Warner, M., et al., “*Daniel K. Inouye Solar Telescope: Overview and Status*”, 2015IAUGA..2255176R [ADS](#)
- Kennedy, M. B., Milligan, R. O., Allred, J. C., Mathioudakis, M., & Keenan, F. P., “*Radiative hydrodynamic modelling and observations of the X-class solar flare on 2011 March 9*”, 2015A&A...578A..72K [ADS](#)
- Reid, A., Mathioudakis, M., Scullion, E., et al., “*Ellerman Bombs with Jets: Cause and Effect*”, 2015ApJ...805...64R [ADS](#)
- Christian, D. J., Jess, D. B., Antolin, P., & Mathioudakis, M., “ *$\text{H}\alpha$ and EUV Observations of a Partial CME*”, 2015ApJ...804..147C [ADS](#)
- Milligan, R., Kerr, G. S., Dennis, B., et al., “*The Radiated Energy Budget Of Chromospheric Plasma In A Major Solar Flare Deduced From Multi-Wavelength Observations*”, 2015TESS....130209M [ADS](#)
- Kuridze, D., Henriques, V., Mathioudakis, M., et al., “*The Dynamics of Rapid Redshifted and Blueshifted Excursions in the Solar $\text{H}\alpha$ Line*”, 2015ApJ...802...26K [ADS](#)
- Henriques, V. M. J., Scullion, E., Mathioudakis, M., et al., “*Stable umbral chromospheric structures*”, 2015A&A...574A.131H [ADS](#)
- Cegla, H. M., Watson, C. A., Shelyag, S., & Mathioudakis, M., “*Understanding Astrophysical Noise from Stellar Surface Magneto-Convection*”, 2015css...18..567C [ADS](#)
- Kowalski, A. F., Hawley, S. L., Johns-Krull, C. M., et al., “*Time-Resolved Near-Ultraviolet Flare Spectra with the Hubble Space Telescope / Cosmic Origins Spectrograph*”, 2015AAS...22544903K [ADS](#)
- Jess, D. B., Mathioudakis, M., & Keys, P. H., “*Nanoflare Activity in the Solar Chromosphere*”, 2014ApJ...795..172J [ADS](#)
- Milligan, R. O., Kerr, G. S., Dennis, B. R., et al., “*The Radiated Energy Budget of Chromospheric Plasma in a Major Solar Flare Deduced from Multi-wavelength Observations*”, 2014ApJ...793...70M [ADS](#)
- Cauzzi, G., Fletcher, L., Mathioudakis, M., et al., “*F-CHROMA.Flare Chromospheres: Observations, Models and Archives*”, 2014AA...22412339C [ADS](#)
- Keys, P. H., Mathioudakis, M., Jess, D. B., Mackay, D. H., & Keenan, F. P., “*Dynamic properties of bright points in an active region*”, 2014A&A...566A..99K [ADS](#)
- Hewitt, R. L., Shelyag, S., Mathioudakis, M., & Keenan, F. P., “*Plasma properties and Stokes profiles during the lifetime of a photospheric magnetic bright point*”, 2014A&A...565A..84H [ADS](#)
- Keenan, F. P., Doyle, J. G., Madjarska, M. S., et al., “*Intensity Enhancement of O VI Ultraviolet Emission Lines in Solar Spectra due to Opacity*”, 2014ApJ...784L..39K [ADS](#)
- Kowalski, A., Allred, J. C., Carlsson, M., et al., “*The Atmospheric Response to High Fluxes of Nonthermal Electrons during M Dwarf Flares*”, 2014AA...22315117K [ADS](#)
- Nelson, C. J., Shelyag, S., Mathioudakis, M., et al., “*Ellerman Bombs—Evidence for Magnetic Reconnection in the Lower Solar Atmosphere*”, 2013ApJ...779..125N [ADS](#)
- Kennedy, M. B., Milligan, R. O., Mathioudakis, M., & Keenan, F. P., “*Solar Flare Impulsive Phase Emission Observed with SDO/EVE*”, 2013ApJ...779...84K [ADS](#)
- Kuridze, D., Verth, G., Mathioudakis, M., et al., “*Characteristics of Transverse Waves in Chromospheric Mottles*”, 2013ApJ...779..82K [ADS](#)
- Wooden, D. H., Woodward, C. E., Harker, D. E., et al., “*Comet C/2012 S1 (ISON): Observations of the Dust Grains from SOFIA and of the Atomic Gas from NSO Dunn and McMath-Pierce Solar Telescopes (Invited)*”, 2013AGUFM.P24A..07W [ADS](#)
- Shelyag, S., Cally, P. S., Reid, A., & Mathioudakis, M., “*Alfvén Waves in Simulations of Solar Photospheric Vortices*”, 2013ApJ...776L..4S [ADS](#)
- Anfinogentov, S., Nakariakov, V. M., Mathioudakis, M., Van Doorsselaere, T., & Kowalski, A. F., “*The Decaying Long-period Oscillation of a Stellar Megflare*”, 2013ApJ...773..156A [ADS](#)
- Kennedy, M., Milligan, R. O., & Mathioudakis, M., “*Solar Flare Impulsive Phase Footpoint Emission Observed with SDO/EVE*”, 2013SPD....44...72K [ADS](#)
- Mathioudakis, M., Jess, D. B., & Erdélyi, R., “*Alfvén Waves in the Solar Atmosphere. From Theory to Observations*”, 2013SSRv..175....1M [ADS](#)
- Cegla, H. M., Watson, C., Shelyag, S., & Mathioudakis, M., “*A Pathway to Earth-like Worlds: Overcoming Astrophysical Noise due to Convection*”, 2013AA...22230402C [ADS](#)
- Nelson, C. J., Doyle, J. G., Erdélyi, R., et al., “*Statistical Analysis of Small Ellerman Bomb Events*”, 2013SoPh..283..307N [ADS](#)

- Kuridze, D., Mathioudakis, M., Kowalski, A. F., et al., “Failed filament eruption inside a coronal mass ejection in active region 11121”, *2013A&A...552A..55K* [ADS](#)
- Keys, P. H., Mathioudakis, M., Jess, D. B., et al., “Tracking magnetic bright point motions through the solar atmosphere”, *2013MNRAS.428.3220K* [ADS](#)
- Cegla, H. M., Shelyag, S., Watson, C. A., & Mathioudakis, M., “Stellar Surface Magneto-convection as a Source of Astrophysical Noise. I. Multi-component Parameterization of Absorption Line Profiles”, *2013ApJ...763...95C* [ADS](#)
- Morton, R. J., Verth, G., Jess, D. B., et al., “Observations of ubiquitous compressive waves in the Sun’s chromosphere”, *2012NatCo...3.1315M* [ADS](#)
- Shelyag, S., Fedun, V., Erdélyi, R., Keenan, F. P., & Mathioudakis, M., “Vortices in the Solar Photosphere”, *2012ASPC..463..107S* [ADS](#)
- Cadavid, A. C., Lawrence, J. K., Christian, D. J., Jess, D. B., & Mathioudakis, M., “Turbulent Fluctuations in G-band and K-line Intensities Observed with the Rapid Oscillations in the Solar Atmosphere (ROSA) Instrument”, *2012ASPC..463..75C* [ADS](#)
- Cadavid, A. C., Lawrence, J. K., Christian, D. J., Jess, D. B., & Mathioudakis, M., “Coupled Effects of a Perturbation in a Complex Structure Observed with SDO/AIA, SDO/HMI and ROSA/HARDcam”, *2012AGUFMSH51A2197C* [ADS](#)
- Jess, D. B., De Moortel, I., Mathioudakis, M., et al., “The Source of 3 Minute Magnetoacoustic Oscillations in Coronal Fans”, *2012ApJ...757..160J* [ADS](#)
- Milligan, R. O., Kennedy, M. B., Mathioudakis, M., & Keenan, F. P., “Time-dependent Density Diagnostics of Solar Flare Plasmas Using SDO/EVE”, *2012ApJ...755L..16M* [ADS](#)
- Shelyag, S., Mathioudakis, M., & Keenan, F. P., “Mechanisms for MHD Poynting Flux Generation in Simulations of Solar Photospheric Magnetoconvection”, *2012ApJ...753L..22S* [ADS](#)
- Kuridze, D., Morton, R. J., Erdélyi, R., et al., “Transverse Oscillations in Chromospheric Mottles”, *2012ApJ...750..51K* [ADS](#)
- Milligan, R. O., Chamberlin, P., Hudson, H., et al., “Solar Flare Observations of the EUV Continua”, *2012AAS...22052105M* [ADS](#)
- Brown, B., Kowalski, A. F., Mathioudakis, M., et al., “Time-resolved NUV And Optical Spectra Of A Stellar Megflare On YZ CMi With SALT/RSS”, *2012AAS...22020452B* [ADS](#)
- Matthews, S. A., Williams, D. R., Klein, K.-L., et al., “Solar Particle Acceleration Radiation and Kinetics (SPARK). A mission to understand the nature of particle acceleration”, *2012ExA...33..237M* [ADS](#)
- Cegla, H. M., Watson, C. A., Marsh, T. R., et al., “Stellar jitter from variable gravitational redshift: implications for radial velocity confirmation of habitable exoplanets”, *2012MNRAS.421L..54C* [ADS](#)
- Milligan, R. O., Chamberlin, P. C., Hudson, H. S., et al., “Observations of Enhanced Extreme Ultraviolet Continua during an X-Class Solar Flare Using SDO/EVE”, *2012ApJ...748L..14M* [ADS](#)
- Jess, D. B., Shelyag, S., Mathioudakis, M., et al., “Propagating Wave Phenomena Detected in Observations and Simulations of the Lower Solar Atmosphere”, *2012ApJ...746..183J* [ADS](#)
- Jess, D. B., Pascoe, D. J., Christian, D. J., et al., “The Origin of Type I Spicule Oscillations”, *2012ApJ...744L..5J* [ADS](#)
- Cegla, H. M., Watson, C., Marsh, T., et al., “Towards Earth-like Worlds: Identifying and Removing Stellar Jitter”, *2012AAS...21943203C* [ADS](#)
- Lawrence, J. K., Cadavid, A. C., Christian, D. J., Jess, D. B., & Mathioudakis, M., “Rapid Fluctuations in the Lower Solar Atmosphere”, *2011ApJ...743L..24L* [ADS](#)
- Kowalski, A. F., Mathioudakis, M., Hawley, S. L., et al., “White Light Flare Continuum Observations with ULTRACAM”, *2011ASPC..448.1157K* [ADS](#)
- Keys, P. H., Mathioudakis, M., Jess, D. B., et al., “The Velocity Distribution of Solar Photospheric Magnetic Bright Points”, *2011ApJ...740L..40K* [ADS](#)
- Keenan, F. P., Christian, D. J., Rose, S. J., & Mathioudakis, M., “A search for line intensity enhancements in the far-UV spectra of active late-type stars arising from opacity”, *2011A&A...534A..71K* [ADS](#)
- Christian, D. J., Mathioudakis, M., Arias, T., Jardine, M., & Jess, D. B., “The Search for Super-saturation in Chromospheric Emission”, *2011ApJ...738..164C* [ADS](#)
- Kuridze, D., Mathioudakis, M., Jess, D. B., et al., “Small-scale H α jets in the solar chromosphere”, *2011A&A...533A..76K* [ADS](#)
- Lawrence, J. K., Christian, D. J., Cadavid, A. C., Jess, D. B., & Mathioudakis, M., “Rapid Oscillations in the Solar Atmosphere: Spectra and Physical Effects”, *2011SPD...42.1727L* [ADS](#)
- Keys, P. H., Jess, D. B., Mathioudakis, M., & Keenan, F. P., “Chromospheric velocities of a C-class flare”, *2011A&A...529A.127K* [ADS](#)
- Morton, R. J., Erdélyi, R., Jess, D. B., & Mathioudakis, M., “Observations of Sausage Modes in Magnetic Pores”, *2011ApJ...729L..18M* [ADS](#)
- Shelyag, S., Keys, P., Mathioudakis, M., & Keenan, F. P., “Vorticity in the solar photosphere”, *2011A&A...526A..55* [ADS](#)
- Crockett, P. J., Mathioudakis, M., Jess, D. B., et al., “The Area Distribution of Solar Magnetic Bright Points”, *2010ApJ...722L.188C* [ADS](#)
- Jess, D. B., Mathioudakis, M., Christian, D. J., Crockett, P. J., & Keenan, F. P., “A Study of Magnetic Bright Points in the Na I D_1 Line”, *2010ApJ...719L.134J* [ADS](#)
- Shelyag, S., Mathioudakis, M., Keenan, F. P., & Jess, D. B., “A photospheric bright point model”, *2010A&A...515A.107S* [ADS](#)
- Keenan, F. P., Milligan, R. O., Jess, D. B., et al., “Emission lines of FeXI in the 257–407Å wavelength region observed in solar spectra from EIS/Hinode and SERTS”, *2010MNRAS.404.1617K* [ADS](#)
- Jess, D. B., Mathioudakis, M., Browning, P. K., Crockett, P. J., & Keenan, F. P., “Microflare Activity Driven by Forced Magnetic Reconnection”, *2010ApJ...712L.111J* [ADS](#)
- Jess, D. B., Mathioudakis, M., Christian, D. J., et al., “ROSA: A High-cadence, Synchronized Multi-camera Solar Imaging System”, *2010SoPh..261..363J* [ADS](#)
- Crockett, P. J., Jess, D. B., Mathioudakis, M., & Keenan, F. P., “Automated detection and tracking of solar magnetic bright points”, *2009MNRAS.397.1852C* [ADS](#)
- Andic, A., Jess, D. B., Mathioudakis, M., Keenan, F. P., & Bloomfield, D. S., “Possible Connection Between Umbral and Bright Point Oscillations”, *2009SPD...40.0909A* [ADS](#)
- Jess, D. B., Mathioudakis, M., Erdélyi, R., et al., “Alfvén Waves in the Lower Solar Atmosphere”, *2009Sci...323.1582J* [ADS](#)
- Keenan, F. P., Crockett, P. J., Aggarwal, K. M., Jess, D. B., & Mathioudakis, M., “Ultraviolet and extreme-ultraviolet line ratio diagnostics for O IV”, *2009A&A...495..359K* [ADS](#)
- Jess, D. B., Mathioudakis, M., Crockett, P. J., & Keenan, F. P., “Do All Flares Have White-Light Emission?”, *2008ApJ...688L.119J* [ADS](#)
- Christian, D. J., Mathioudakis, M., & Jevremović, D., “ ^{6}Li in the Atmosphere of GJ 117 Revisited”, *2008ApJ...686..542C* [ADS](#)
- Jess, D. B., Rabin, D. M., Thomas, R. J., et al., “Transition Region Velocity Oscillations Observed by EUNIS-06”, *2008ApJ...682.1363J* [ADS](#)
- Jess, D. B., Mathioudakis, M., Erdélyi, R., et al., “Discovery of Spatial Periodicities in a Coronal Loop Using Automated Edge-Tracking Algorithms”, *2008ApJ...680.1523J* [ADS](#)
- Fitzsimmons, A., & Mathioudakis, M., “The 2008 RAS National Astronomy Meeting”, *2008A&G...49C..11F* [ADS](#)
- Rose, S. J., Matranga, M., Mathioudakis, M., Keenan, F. P., & Wark, J. S., “Line intensity enhancements in stellar coronal X-ray spectra due to opacity effects”, *2008A&A...483..887R* [ADS](#)
- Jess, D. B., McAteer, R. T. J., Mathioudakis, M., et al., “Twisting flux tubes as a cause of micro-flaring activity”, *2008IAUS..247..360J* [ADS](#)
- Andic, A., Mathioudakis, M., Keenan, F. P., Jess, D. B., & Bloomfield, D. S., “High frequency oscillations in the solar chromosphere and their connection with heating”, *2008IAUS..247..312A* [ADS](#)
- Jess, D. B., Mathioudakis, M., Erdélyi, R., et al., “Solar feature tracking in both spatial and temporal domains”, *2008IAUS..247..288J* [ADS](#)
- Jess, D. B., McAteer, R. T. J., Mathioudakis, M., et al., “Twisting flux tubes as a cause of micro-flaring activity”, *2007A&A...476..971J* [ADS](#)
- Jess, D. B., Andić, A., Mathioudakis, M., Bloomfield, D. S., & Keenan, F. P., “High-frequency oscillations in a solar active region observed with the RAPID DUAL IMAGER”, *2007A&A...473..943J* [ADS](#)
- Kontogiannis, G., Bloomfield, D. S., McAteer, R. T. J., Mathioudakis, M., & Antonopoulou, E., “Detection of MHD waves in the solar chromosphere”, *2007AIPC..895..80K* [ADS](#)
- Bloomfield, D. S., McAteer, R. T. J., Mathioudakis, M., & Keenan, F. P., “The Influence of Magnetic Field on Oscillations in the Solar Chromosphere”, *2006ApJ...652..812B* [ADS](#)
- Mathioudakis, M., Bloomfield, D. S., Jess, D. B., Dhillon, V. S., & Marsh, T. R., “The periodic variations of a white-light flare observed with ULTRACAM”, *2006A&A...456..323M* [ADS](#)
- Kontogiannis, G., Bloomfield, D. S., McAteer, R. T. J., Mathioudakis, M., & Antonopoulou, E., “Traveling Waves In Network Bright Points”, *2006AIPC..848..229K* [ADS](#)
- Christian, D. J., Mathioudakis, M., Bloomfield, D. S., et al., “Opacity in the upper atmospheres of active stars. II. AD Leonis”, *2006A&A...454..889C* [ADS](#)
- Milligan, R. O., Gallagher, P. T., Mathioudakis, M., & Keenan, F. P., “Observational Evidence of Gentle and Explosive Chromospheric Evaporation”, *2006ESASP.617E.138M* [ADS](#)
- Milligan, R. O., Gallagher, P. T., Mathioudakis, M., & Keenan, F. P., “Observational Evidence of Chromospheric Evaporation”, *2006SPD...37.0828M* [ADS](#)
- Mathioudakis, M., Christian, D. J., Bloomfield, D. S., et al., “Opacity in the transition region of cool dwarfs: A powerful diagnostic”, *2006ASPC..348..159M* [ADS](#)

- Mullan, D. J., Mathioudakis, M., Bloomfield, D. S., & Christian, D. J., "A Comparative Study of Flaring Loops in Active Stars", 2006ApJS..164..173M [ADS](#)
- Milligan, R. O., Gallagher, P. T., Mathioudakis, M., & Keenan, F. P., "Observational Evidence of Gentle Chromospheric Evaporation during the Impulsive Phase of a Solar Flare", 2006ApJ...642L.169M [ADS](#)
- Milligan, R. O., Gallagher, P. T., Mathioudakis, M., et al., "RHESSI and SOHO CDS Observations of Explosive Chromospheric Evaporation", 2006ApJ...638L.117M [ADS](#)
- Milligan, R. O., Gallagher, P. T., Mathioudakis, M., Keenan, F. P., & Bloomfield, D. S., "Plasma diagnostics of active-region evolution and implications for coronal heating", 2005MNRAS.363..259M [ADS](#)
- Christian, D. J., Mathioudakis, M., Jevremović, D., Hauschildt, P. H., & Baron, E., " ^{63}Li in the Atmosphere of GJ 117", 2005ApJ...632L.127C [ADS](#)
- Milligan, R. O., Gallagher, P. T., Mathioudakis, M., & Keenan, F. P., "Chromospheric Response to Non-Thermal Electrons During Flares Using RHESSI and SOHO/CDS", 2005AGUSMSP52A..04M [ADS](#)
- Matranga, M., Mathioudakis, M., Kay, H. R. M., & Keenan, F. P., "AB Dor: Evidence for stellar coronal opacity in Fe XVII", 2005ESASP.560..807M [ADS](#)
- Mathioudakis, M., Bloomfield, D. S., Dhillon, V. S., & Marsh, T. R., "Intensity oscillations during a flare on EQ Peg", 2005ESASP.560..803M [ADS](#)
- Bloomfield, D. S., McAteer, R. T. J., Mathioudakis, M., Williams, D. R., & Keenan, F. P., "Magnetohydrodynamic mode coupling in the quiet-Sun network", 2005ESASP.560..449B [ADS](#)
- Matranga, M., Mathioudakis, M., Kay, H. R. M., & Keenan, F. P., "Flare X-Ray Observations of AB Doradus: Evidence of Stellar Coronal Opacity", 2005ApJ...621L.125M [ADS](#)
- McAteer, R. T. J., Gallagher, P. T., Brown, D. S., et al., "Observations of H α Intensity Oscillations in a Flare Ribbon", 2005ApJ...620.1101M [ADS](#)
- Bloomfield, D. S., McAteer, R. T. J., Lites, B. W., et al., "Wavelet Phase Coherence Analysis: Application to a Quiet-Sun Magnetic Element", 2004ApJ...617..623B [ADS](#)
- Christian, D. J., Mathioudakis, M., Bloomfield, D. S., Dupuis, J., & Keenan, F. P., "A Detailed Study of Opacity in the Upper Atmosphere of Proxima Centauri", 2004ApJ...612.1140C [ADS](#)
- Bloomfield, D. S., McAteer, R. T. J., Mathioudakis, M., Williams, D. R., & Keenan, F. P., "Erratum: Propagating Waves and Magnetohydrodynamic Mode Coupling in the Quiet-Sun Network" (ApJ, 604, 936 [2004]), 2004ApJ...609..465B [ADS](#)
- Milligan, R. O., Gallagher, P. T., Mathioudakis, M., Bloomfield, D. S., & Keenan, F. P., "Plasma Diagnostics of Active Region Evolution and Implications for Coronal Heating", 2004AAS...204.9803M [ADS](#)
- Bloomfield, D. S., McAteer, R. T. J., Mathioudakis, M., Williams, D. R., & Keenan, F. P., "Propagating Waves and Magnetohydrodynamic Mode Coupling in the Quiet-Sun Network", 2004ApJ...604..936B [ADS](#)
- McAteer, R. T. J., Gallagher, P. T., Bloomfield, D. S., et al., "Ultraviolet Oscillations in the Chromosphere of the Quiet Sun", 2004ApJ...602..436M [ADS](#)
- Avgoloupos, S., Seiradakis, J. H., Mathioudakis, M., Bloomfield, D. S., & McAteer, J., "Intensity Oscillations During a flare on II Peg", 2004hell.conf..120A [ADS](#)
- Kay, H., Mathioudakis, M., & Matranga, M., "Coronal opacity variation during a flare on AB Doradus", 2004cosp...35.1745K [ADS](#)
- McAteer, R. T. J., Gallagher, P. T., Williams, D. R. W. D. R., et al., "An Automated Wavelet Analysis Approach to TRACE Quiet Sun Oscillations", 2004ESASP.547..139M [ADS](#)
- Bloomfield, D. S., McAteer, R. T. J., Lites, B. W., et al., "Oscillatory Signatures above Quiet Sun Magnetic Elements", 2004ESASP.547..51B [ADS](#)
- Christian, D. J., Mathioudakis, M., Jevremovic, D., et al., "A New EUVE-detected Flare Star (EUVE J0613-23.9B)", 2003IBVS.5447....1C [ADS](#)
- Christian, D. J., Mathioudakis, M., Jevremović, D., et al., "The Extreme-Ultraviolet Continuum of a Strong Stellar Flare", 2003ApJ...593L.105C [ADS](#)
- Mathioudakis, M., Seiradakis, J. H., Williams, D. R., et al., "White-light oscillations during a flare on II Peg.", 2003A&A...403.1101M [ADS](#)
- McAteer, R. T. J., Gallagher, P. T., Williams, D. R., et al., "Observational Evidence for Mode Coupling in the Chromospheric Network", 2003ApJ...587..806M [ADS](#)
- Keenan, F. P., Katsiyannis, A. C., Aggarwal, K. M., et al., "Si IX Emission Lines in Spectra Obtained with the Solar euv Research Telescope and Spectrograph (Serts)", 2003SoPh..212..65K [ADS](#)
- Keenan, F. P., Ahmed, S., Brage, T., et al., "The OIV and SIV intercombination lines in the ultraviolet spectra of astrophysical sources", 2002MNRAS.337..901K [ADS](#)
- Bloomfield, D. S. & Mathioudakis, M., "A Study Of Extreme Ultraviolet Flare Activity On Late-Type Stars", 2002ASPC..277..425B [ADS](#)
- Christian, D. J., Mathioudakis, M., Jevremovic, D., Mullan, D. J., & Lehner, N., "Late-type Stars with Coronae but No Chromospheres?", 2002AAS...201.1206C [ADS](#)
- Williams, D. R., Mathioudakis, M., Gallagher, P. T., et al., "An observational study of a magneto-acoustic wave in the solar corona", 2002MNRAS.336..747W [ADS](#)
- Williams, D. R., Mathioudakis, M., Gallagher, P. T., et al., "Observations of a high-frequency, fast-mode wave in a coronal loop", 2002ESASP.505..615W [ADS](#)
- Katsiyannis, A. C., Williams, D. R., McAteer, R. T. J., et al., "Detections of high-frequency oscillations in solar active region coronal loops", 2002ESASP.505..441K [ADS](#)
- McAteer, R. T. J., Gallagher, P. T., Williams, D. R., et al., "Detection of propagating waves throughout the chromosphere in network bright points", 2002ESASP.505..305M [ADS](#)
- Bloomfield, D. S., Mathioudakis, M., Christian, D. J., Keenan, F. P., & Linsky, J. L., "Opacity in the upper atmosphere of AU Mic", 2002A&A...390..219B [ADS](#)
- Christian, D. J., Mathioudakis, M., & Vennes, S., "EUVE J2244-15.9: A New Spectroscopic Binary", 2002IBVS.5281....1C [ADS](#)
- Christian, D. J. & Mathioudakis, M., "High-Resolution Optical Observations of Extreme-Ultraviolet-selected Active Late-type Stars", 2002AJ....123.2796C [ADS](#)
- McAteer, R. T. J., Gallagher, P. T., Williams, D. R., et al., "Long-Period Chromospheric Oscillations in Network Bright Points", 2002ApJ...567L.165M [ADS](#)
- Mathioudakis, M. & Christian, D.: 2002, *A search for supersaturation in stellar chromospheres*, NOAO Proposal ID 2002A-0225 2002noao.prop..225M [ADS](#)
- Keenan, F. P., Mathioudakis, M., Katsiyannis, A. C., et al., "A Comparison of Theoretical mg vi Emission Line Strengths with Active-Region Observations From Serts", 2002SoPh..205..265K [ADS](#)
- Katsiyannis, A. C., Mathioudakis, M., Phillips, K. J. H., Williams, D. R., & Keenan, F. P., "Solar coronal observations at high frequencies", 2001astro.ph.11447K [ADS](#)
- Pinfield, D. J., Keenan, F. P., Mathioudakis, M., et al., "Electron Densities in the Coronae of the Sun and Procyon from Extreme-Ultraviolet Emission Line Ratios in Fe XI", 2001ApJ...562..566P [ADS](#)
- Keenan, F. P., Aggarwal, K. M., Williams, D. R., Mathioudakis, M., & Phillips, K. J. H., "Extreme ultraviolet transitions of FeXXI in solar, stellar and laboratory spectra", 2001MNRAS.326.1387K [ADS](#)
- Katsiyannis, A. C., Mathioudakis, M., Phillips, K. J. H., Williams, D. R., & Keenan, F. P., "Solar coronal observations in high frequencies", 2001hell.confE.174K [ADS](#)
- Mathioudakis, M., "The solar-stellar connection", 2001hell.confE..59M [ADS](#)
- Williams, D. R., Phillips, K. J. H., Rudawy, P., et al., "High-frequency oscillations in a solar active region coronal loop", 2001MNRAS.326..428W [ADS](#)
- Phillips, K. J. H., Mathioudakis, M., Huenemoerder, D. P., et al., "X-ray and extreme-ultraviolet emission from the coronae of Capella", 2001MNRAS.325.1500P [ADS](#)
- Robinson, R. D., Airapetian, V., Slee, O. B., Mathioudakis, M., & Carpenter, K. G., "Coordinated Optical, Radio and EUV Observations of a Flare on YZ CMi (CD-ROM Directory: contribs/robinson)", 2001ASPC..223.1151R [ADS](#)
- Williams, D. R., Mathioudakis, M., McKenny, J., & Keenan, F. P., "Opacity Effects in the Transition Region of Active Stars (CD-ROM Directory: contribs/williams)", 2001ASPC..223..889W [ADS](#)
- Keenan, F. P., Pinfield, D. J., Mathioudakis, M., et al., "S xi Emission Lines in Active Region Spectra Obtained with the Solar euv Rocket Telescope and Spectrograph (Serts)", 2000SoPh..197..253K [ADS](#)
- Mullan, D. J. & Mathioudakis, M., "Extreme-Ultraviolet Flares in an F2 Star", 2000ApJ...544..475M [ADS](#)
- Gallagher, P. T., Mathioudakis, M., Phillips, K. J. H., Tsinganos, K., & Keenan, F. P., "The Radial and Angular Variation of Electron Density in the Solar Corona.", 2000SPD....31.0234G [ADS](#)
- Christian, D. J. & Mathioudakis, M.: 2000, *Is Lithium produced in active stellar atmospheres?*, NOAO Proposal ID 2000B-0165 2000noao.prop..165C [ADS](#)
- Gallagher, P. T., Williams, D. R., Phillips, K. J. H., et al., "Multi-wavelength observations of the 1998 September 27 flare spray", 2000SoPh..195..367G [ADS](#)
- Amado, P. J., Doyle, J. G., Byrne, P. B., et al., "Rotational modulation and flares on RS CVn and BY Dra stars. XX. Photometry and spectroscopy of CC Eri in late 1989", 2000A&A...359..159A [ADS](#)
- O'Shea, E., Gallagher, P. T., Mathioudakis, M., et al., "Transition region and coronal structuring", 2000A&A...358..7410 [ADS](#)

- Crawford, F. L., Keenan, F. P., Mathioudakis, M., et al., “*Identification of the [Al II] Forbidden Line at 2661 Å in the Spectrum of RR Telescopii*”, 2000ASPC..204..387C [ADS](#)
- Pinfield, D. J., Keenan, F. P., Mathioudakis, M., et al., “*Evidence for Non-Maxwellian Electron Energy Distributions in the Solar Transition Region: Si III Line Ratios from SUMER*”, 1999ApJ...527.1000P [ADS](#)
- Mathioudakis, M., McKenny, J., Keenan, F. P., Williams, D. R., & Phillips, K. J. H., “*The effects of opacity in the transition region of YZ CMi*”, 1999A&A...351L..23M [ADS](#)
- Keenan, F. P., Espey, B. R., Mathioudakis, M., et al., “[Alii] in the ultraviolet spectrum of the symbiotic star RR Telescopii”, 1999MNRAS.309..195K [ADS](#)
- O’Shea, E., Gallagher, P. T., Mathioudakis, M., Phillips, K. J. H., & Keenan, F. P., “*A New Study of the Quiet Sun*”, 1999ESASP.446..5190 [ADS](#)
- Gallagher, P. T., Mathioudakis, M., Keenan, F. P., Phillips, K. J. H., & Tsinganos, K., “*The Radial and Angular Variation of the Electron Density in the Solar Corona*”, 1999ApJ...524L.133G [ADS](#)
- Mathioudakis, M., Christian, D., & Keenan, F.: 1999, *HR 1099 - A multi-wavelength study of a short period RS CVn binary*, NOAO Proposal ID 1999B-0050 1999noao.prop...50M [ADS](#)
- Ahmed, S., Pinfield, D. J., Mathioudakis, M., et al., “*Electron temperature diagnostics for the quiet Sun using SI BT IV lines*”, 1999A&A...346L..69A [ADS](#)
- Keenan, F. P., Mathioudakis, M., Pinfield, D. J., Brown, W. A., & Bruner, M. E., “*Soft X-ray emission lines of Ni XVIII in the solar spectrum*”, 1999SoPh..185..289K [ADS](#)
- Mathioudakis, M., “*Magnetic activity in the extreme ultraviolet*”, 1999TJPh..23..399M [ADS](#)
- Mathioudakis, M. & Mullan, D. J., “*HR 1817: the EUV properties of an active F dwarf*”, 1999A&A...342..524M [ADS](#)
- Mathioudakis, M., “*Magnetic Activity and Variability in Stellar Coronae (EUV)*”, 1999ASPC..158..38M [ADS](#)
- Pinfield, D. J., Mathioudakis, M., Keenan, F. P., Phillips, K. J. H., & Curdt, W., “*The O V 1213.9 Angstroms forbidden line in the quiet Sun*”, 1998A&A...340L..15P [ADS](#)
- Christian, D. J., Drake, J. J., & Mathioudakis, M., “*Extreme Ultraviolet Explorer Right Angle Program Observations of Cool Stars*”, 1998AJ....115..316C [ADS](#)
- Craig, N., Abbott, M., Finley, D., et al., “*The Extreme Ultraviolet Explorer Stellar Spectral Atlas*”, 1997ApJS..113..131C [ADS](#)
- Polomski, E., Vennes, S., Thorstensen, J. R., Mathioudakis, M., & Falco, E. E., “*Faint Sources in the EUVE Survey: Identification of White Dwarfs, Active Late-Type Stars, and Galactic Nuclei*”, 1997ApJ...486..179P [ADS](#)
- Gunn, A. G., Migenes, V., Doyle, J. G., Spencer, R. E., & Mathioudakis, M., “*Radio and extreme-ultraviolet observations of CF Tucanae*”, 1997MNRAS.287..199G [ADS](#)
- Vennes, S., Christian, D. J., Mathioudakis, M., & Doyle, J. G., “*An active K0 IV-V star and a hot white dwarf (EUVE J0702+129) in a wide binary*”, 1997A&A...318L...9V [ADS](#)
- Doyle, J. G., Mathioudakis, M., Andretta, V., Short, C. I., & Jelinsky, P., “*The intrinsic LY α to H α ratio in M dwarf stars.*”, 1997A&A...318..835D [ADS](#)
- Mitrou, C. K., Mathioudakis, M., Doyle, J. G., & Antonopoulou, E., “*EUVE Emission from RS Canum Venaticorum binaries.*”, 1997A&A...317..776M [ADS](#)
- Antonopoulou, E., Ferentinos, E., Mathioudakis, M., & Mitrou, C. K., “*Coronal variability of RS CVn binaries in the EUV*”, 1997jena.confE.221A [ADS](#)
- Antonopoulou, E., Mathioudakis, M., & Ferentinos, E., “*UV and EUV observations of the active binary UX Ari*”, 1997jena.confE.104A [ADS](#)
- Mathioudakis, M., “*The Stellar Astrophysical Laboratory*”, in G. Asteriadis, A. Bantelas, M. E. Contadakis, K. Katsambalos, A. Papadimitriou, and I. N. Tziavos (Eds.), *The Earth and the Universe*, 123 1997eaun.book..123M [ADS](#)
- Foster, V. J., Mathioudakis, M., Keenan, F. P., Drake, J. J., & Widing, K. G., “*Fe X Emission Lines in Solar and Stellar Spectra*”, 1996ApJ...473..560F [ADS](#)
- Christian, D. J., Vennes, S., & Mathioudakis, M., “*A New K0 IV-V Plus White Dwarf Binary in The EUVE Survey*”, 1996AAS...189.7902C [ADS](#)
- Drake, J. J., Stern, R. A., Stringfellow, G., et al., “*Detection of Quiescent Extreme Ultraviolet Emission from the Very Low Mass Dwarf van Biesbroeck 8: Evidence for a Turbulent Field Dynamo*”, 1996ApJ...469..828D [ADS](#)
- Christian, D. J., Vennes, S., Thorstensen, J. R., & Mathioudakis, M., “*Discovery of a White Dwarf Companion (MS0354.6-3650 = EUVE J0356-366) to a G2V Star*”, 1996AJ....112..258C [ADS](#)
- Christian, D. J., Craig, N., Roberts, B., et al., “*Optical Identifications of Fainter Late-type Stars from EUVE and ROSAT Detections*”, 1996AAS...188.7102C [ADS](#)
- Abbott, M., Craig, N., Jessop, H., et al., “*An EUVE Stellar Spectral Atlas*”, 1996AAS...188.5509A [ADS](#)
- Mitrou, C. K., Doyle, J. G., Mathioudakis, M., & Antonopoulou, E., “*The RS CVn binaries seen through the Eye of IRAS*”, 1996he11.conf..301M [ADS](#)
- Mathioudakis, M., Avgoloupis, S. I., Mavridis, L. N., & Seiradakis, J. H., “*The dependence of II Pegasi flare activity on the Phase of the short-term periodic light Variations*”, 1996he11.conf..234M [ADS](#)
- Craig, N., Fruscione, A., Dupuis, J., et al., “*The EUVE Optical Identification Campaign II: Late-Type and White Dwarf Stars*”, 1996aeu..conf..491C [ADS](#)
- Lewis, J., Bowyer, S., Lampton, M., Wu, X., & Mathioudakis, M., “*Searching EUVE Data for Transient/Flaring Extreme Ultraviolet Sources*”, 1996aeu..conf..481L [ADS](#)
- Mathioudakis, M., Drake, J. J., Craig, N., et al., “*The Secrets of EUVE J2056-17.1*”, 1996aeu..conf..475M [ADS](#)
- Christian, D. J., Edelstein, J. E., Mathioudakis, M., McDonald, K., & Sirk, M. M., “*EUV Constraints on Models of Low Mass X-ray Binaries*”, 1996aeu..conf..425C [ADS](#)
- Mathioudakis, M., “*Searching for a Fundamental Heating Mechanism in Low-activity Dwarfs*”, 1996ApL&C..34..187M [ADS](#)
- Christian, D. J., Drake, J. J., & Mathioudakis, M., “*EUVE right angle program observations of cool stars*”, 1996ASPC..109..593C [ADS](#)
- Mitrou, C. K., Doyle, J. G., Mathioudakis, M., & Antonopoulou, B., “*EM distribution and radiative losses of II Peg and lambda And*”, 1996ASPC..109..275M [ADS](#)
- Mitrou, C. K., Doyle, J. G., Mathioudakis, M., & Antonopoulou, E., “*The emission of the RS CVn binaries in the IRAS passbands.*”, 1996A&S..115..61M [ADS](#)
- Houdebine, E. R., Mathioudakis, M., Doyle, J. G., & Foing, B. H., “*Observation and modelling of main sequence star chromospheres. V. Ultraviolet excess emission in active M dwarfs.*”, 1996A&A...305..209H [ADS](#)
- Christian, D. J., Mathioudakis, M., & Drake, J. J., “*EUVE Right Angle Program Observations of Late-Type Stars*”, 1995AAS...18710320C [ADS](#)
- Mathioudakis, M., Drake, J. J., Craig, N., et al., “*Optical identification of EUV sources: the secrets of EUVE J2056-17.1.*”, 1995A&A...302..422M [ADS](#)
- Craig, N., Fruscione, A., Dupuis, J., et al., “*The EUVE Optical Identification Campaign II: Late-Type and White Dwarf Stars*”, 1995AJ....110.1304C [ADS](#)
- Mathioudakis, M., Fruscione, A., Drake, J. J., et al., “*Activity versus rotation in the extreme ultraviolet.*”, 1995A&A...300..775M [ADS](#)
- Vennes, S., Drake, J. J., Mathioudakis, M., et al., “*Erratum - a Preliminary Review of EUVE Science*”, 1995IrAJ...22..228V [ADS](#)
- Vennes, S., Mathioudakis, M., Doyle, J. G., Thorstensen, J. R., & Byrne, P. B., “*Discovery of a white dwarf companion (EUVE J0254-053) to the K0 IV star HD18131*”, 1995A&A...299L..29V [ADS](#)
- Drake, J. J. & Mathioudakis, M., “*Dissecting stellar coronae with EUVE.*”, 1995IrAJ...22..10D [ADS](#)
- Vennes, S., Drake, J. J., Mathioudakis, M., et al., “*A Preliminary Review of EUVE Science*”, 1995IrAJ...22..7V [ADS](#)
- Craig, N., Fruscione, A., Abbott, M., et al., “*Optical Identification and Spectroscopy of EUV Sources*”, 1994AAS...185.8014C [ADS](#)
- Mathioudakis, M., Drake, J. J., Vedder, P. W., Schmitt, J. H. M. M., & Bowyer, S., “*Detection of EUV emission from the low activity dwarf HD 4628: evidence for a cool corona.*”, 1994A&A...291..517M [ADS](#)
- Doyle, J. G., Mitrou, C. K., Mathioudakis, M., et al., “*Surface inhomogeneities on SZ Piscium.*”, 1994A&A...291..135D [ADS](#)
- Mathioudakis, M., Fruscione, A., Drake, J. J., et al., “*The Extreme Ultraviolet (EUV) Rotation-activity Relation for Late-Type Stars*”, 1994AAS...184.0520M [ADS](#)
- Gunn, A. G., Doyle, J. G., Mathioudakis, M., Houdebine, E. R., & Avgoloupis, S., “*High-velocity evaporation during a flare on AT Microscopii*”, 1994A&A...285..489G [ADS](#)
- Doyle, J. G., Houdebine, E. R., Mathioudakis, M., & Panagi, P. M., “*Lower chromospheric activity in low activity M dwarfs*”, 1994A&A...285..233D [ADS](#)
- Gunn, A. G., Doyle, J. G., Mathioudakis, M., & Avgoloupis, S., “*An optical flare on YZ Canis Minoris*”, 1994A&A...285..157G [ADS](#)
- Doyle, J. G., Mitrou, C. K., Mathioudakis, M., & Antonopoulou, E., “*Ultraviolet flare activity on the eclipsing binary SZ Piscium.*”, 1994A&A...283..522D [ADS](#)
- Mathioudakis, M., Fruscione, A., Drake, J. J., et al., “*The extreme ultraviolet (EUV) rotation-activity relation for late-type stars.*”, 1994BAAS...26R.866M [ADS](#)
- Doyle, J. G., Houdebine, E. R., & Mathioudakis, M., “*Low Activity M Dwarfs*”, 1994ASPC...64..557D [ADS](#)
- Byrne, P. B., Mathioudakis, M., Young, A., & Skumanich, A., “*H alpha Variability on HK Aqr: Coronal Condensations or Plages?*”, 1994ASPC...64..375B [ADS](#)

- Mathioudakis, M., Drake, J. J., Vedder, P. W., Patterer, R. J., & Bowyer, S., “*EUVE Observations of Late Type Stars with Minimum Levels of Activity*”, 1994ASPC...64...38M [ADS](#)
- Vedder, P. W., Brown, A., Drake, J. J., et al., “*EUVE Photometry Observations of Cool Stars (Invited Review)*”, 1994ASPC...64...13V [ADS](#)
- Fruscione, A., Abbott, M., Drake, J. J., et al., “*EUVE Observations of Planetary Nebulae*”, 1993AAS...183.5112F [ADS](#)
- Drake, J. J., Mathioudakis, M., Pye, J. P., et al., “*Coronal Variability in the Extreme Ultraviolet*”, 1993AAS...183.1506D [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Far infrared properties of late type dwarfs. Infrared fluxes of K and M dwarfs.*”, 1993A&A...280..181M [ADS](#)
- Doyle, J. G., Mathioudakis, M., Murphy, H. M., et al., “*Rotational modulation and flares on the RS Canum Venaticorum binary II Pegasi in July/September 1990 : spots and flares on II Peg.*”, 1993A&A...278..499D [ADS](#)
- Mathioudakis, M., “*Controversy on the Infrared Excess of GL:735*”, 1993IrAJ...21..152M [ADS](#)
- Panagi, P. M. & Mathioudakis, M., “*The importance of surface inhomogeneities for K and M dwarf chromospheric fluxes.*”, 1993A&AS..100..343P [ADS](#)
- Doyle, J. G. & Mathioudakis, M., “*Chromospheric Heating in K & M Dwarfs*”, 1993ASSL..183..471D [ADS](#)
- Byrne, P. B. & Mathioudakis, M., “*Imaging the Photosphere & Chromosphere of the Rapidly Rotating dMe Star, HK Aqr*”, 1993ASSL..183..435B [ADS](#)
- Doyle, J. G., Kellett, B. J., Butler, C. J., et al., “*Dynamic phenomena on the RS Canum Venaticorum binary II Pegasi in August 1989. I. Observational data.*”, 1992A&AS...96..351D [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Chromospheric diagnostics in M dwarfs*”, 1992IrAJ...20..272M [ADS](#)
- Mullan, D. J., Doyle, J. G., Redman, R. O., & Mathioudakis, M., “*Limits on Detectability of Mass Loss from Cool Dwarfs*”, 1992ApJ...397..225M [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Chromospheric heating in late-type dwarfs : acoustic or magnetic ?*”, 1992A&A...262..523M [ADS](#)
- Mullan, D. J., Doyle, J. G., Mathioudakis, M., & Redman, R. O., “*Limits on detectability of mass loss from cool dwarfs*”, 1992AAS...180.6006M [ADS](#)
- Mathioudakis, M., Doyle, J. G., Avgoloupis, V., Mavridis, L. N., & Seiradakis, J. H., “*Optical flares on the RS CVn binary II Peg.*”, 1992MNRAS.255..48M [ADS](#)
- Mathioudakis, M.: 1992, “*Magnetic activity phenomena in dwarf K and M stars*”, Ph.D. thesis, Queens University Belfast, Ireland 1992PhDT.....295M [ADS](#)
- Danezis, E., Antonopoulou, E., Mathioudakis, M., & Theodossiou, E., “*The UV Spectrum of the RS CVn Binary SZ Psc*”, in P. B. Byrne and D. J. Mullan (Eds.), Surface Inhomogeneities on Late-Type Stars, Vol. 397, 273 1992LNP...397..273D [ADS](#)
- Avgoloupis, S., Doyle, J. G., Mavridis, L. N., Seiradakis, J. H., & Mathioudakis, M., “*The August 1989 Spot Lightcurve of II Peg and Related Flare Activity*”, in P. B. Byrne and D. J. Mullan (Eds.), Surface Inhomogeneities on Late-Type Stars, Vol. 397, 247 1992LNP...397..247A [ADS](#)
- Danezis, E., Antonopoulou, E., Theodossiou, E., & Mathioudakis, M., “*The Ultraviolet Spectrum of the Binary System Sz-Piscium*”, 1992Ap&SS.187..307D [ADS](#)
- Byrne, P. B., Doyle, J. G., & Mathioudakis, M., “*GL 890 - The Magnetic Brake?*”, 1992ASPC...26..438B [ADS](#)
- Mullan, D. J., Doyle, J. G., Mathioudakis, M., & Redman, R. O., “*Millimeter; Sub-Millimeter Emission from Flare Stars*”, 1992ASPC...26..328M [ADS](#)
- Mathioudakis, M., Doyle, J. G., Avgoloupis, S., Mavridis, L. N., & Seiradakis, J. H., “*Optical Flares on II Peg*”, 1992ASPC...26..303M [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Active M-type stars from the ultraviolet to the infrared.*”, 1991A&A...244..433M [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Chromospheric diagnostics in late-type stars.*”, 1991A&A...244..409M [ADS](#)
- Mathioudakis, M., Doyle, J. G., Rodono, M., et al., “*Rotational modulation and flares on RS Canum Venaticorum and BY Draconis stars. XVI. IUE spectroscopy and VLA observations of GL 182 (=V 1005 Orionis) in October 1983.*”, 1991A&A...244..155M [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Chromospheric/Coronal Emission Correlations in ‘Quiescent’ and Eruptive Phenomena in M-Dwarf Stars (With 1 Figure)*”, 1991mcch.conf..279M [ADS](#)
- Mathioudakis, M.: 1991, *Circumstellar Material in the RS CVn System SZ Psc*, IUE Proposal ID NC036 1991iue..prop.4081M [ADS](#)
- Doyle, J. G. & Mathioudakis, M., “*Millimeter continuum emission from flare stars.*”, 1991A&A...241L..41D [ADS](#)
- Doyle, J. G., Mathioudakis, M., Panagi, P. M., & Butler, C. J., “*Discovery of flare activity on the dwarf M stars, GL 375 and GL 431.*”, 1990A&AS...86..403D [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Chromospheric/coronal emission correlations in ‘quiescent’ and eruptive phenomena in M-dwarf stars.*”, 1990A&A...240..357M [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*IUE observations of GL 644 AB (=Wolf 630) in the wavelength region 1150-1950 Å, in June 1981.*”, 1990A&A...232..114M [ADS](#)
- Mathioudakis, M.: 1990, *Rotational Modulation of Plages on II Peg*, IUE Proposal ID MC098 1990iue..prop.3874M [ADS](#)
- Doyle, J. G. & Mathioudakis, M., “*Flare activity and orbital rotation of YY Geminorum.*”, 1990A&A...227..130D [ADS](#)
- Mathioudakis, M. & Doyle, J. G., “*Flux-flux relation : MG II H and K versus X-rays in dwarf M and K stars.*”, 1989A&A...224..179M [ADS](#)