

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

- Tracy, P., Sciola, A., Toffoletto, F., et al., “Effects of Region 2 Field-Aligned Currents on Ionospheric Saturation and Resulting Impact on Auroral Radio Emission”, 2021AGUFMSM25D2036T ADS
- Farrish, A., Barnes, W., Alexander, D., & García-Sage, K., “Simulating the X-ray and EUV Emission of Cool Exoplanet Host Stars”, 2021AGUFM.P55D1954F ADS
- Farrish, A. O., Alexander, D., Johns-Krull, C. M., & Li, M., “Modeling Stellar Activity-rotation Relations in Unsaturated Cool Stars”, 2021ApJ...916...99F ADS
- Sciola, A., Toffoletto, F., Alexander, D., et al., “Incorporating Inner Magnetospheric Current-driven Electron Acceleration in Numerical Simulations of Exoplanet Radio Emission”, 2021ApJ...914...60S ADS
- Alexander, D., Toffoletto, F., Farrish, A., & Sciola, A., “Using the Sun-Earth Interaction to Explore Exoplanetary Systems”, 2021BAAS...53c1025A ADS
- Farrish, A. & Alexander, D., “Anomalous Active Region Dynamics and Influence on Activity Cycles”, 2020AGUFMSH006...05F ADS
- Sciola, A., Toffoletto, F., Lin, D., & Alexander, D., “Acceleration of Non-Maxwellian Electron Distributions and Estimates of Radio Emission Observables”, 2020AGUFMSA0270002S ADS
- Farrish, A., Alexander, D., Johns-Krull, C., & Li, M., “Modeling Stellar Activity-Rotation Relations in Unsaturated Cool Stars”, 2020SPD...5120702F ADS
- Farrish, A., Alexander, D., & Johns-Krull, C., “Modeling Luminosity-Activity Relations in Unsaturated Cool Stars”, 2020AAS...23620706F ADS
- Farrish, A. O., Alexander, D., Maruo, M., et al., “Characterizing the Magnetic Environment of Exoplanet Stellar Systems”, 2019ApJ...885...51F ADS
- Sciola, A., Toffoletto, F., & Alexander, D., “Planetary Magnetic Response to Young Star Stellar Wind Environment”, 2019ESS...432208S ADS
- Farrish, A., Alexander, D., Maruo, M., et al., “Simulating the Inner Asterospheric Magnetic Fields of Exoplanet Host Stars”, 2019AAS...23430305F ADS
- Farrish, A., Alexander, D., Maruo, M., et al., “Magnetic Properties of Asterospheres of Exoplanet Systems”, 2019shin.confE.152F ADS
- Sciola, A., Toffoletto, F., & Alexander, D., “Earth-like Exoplanet Response to Extreme Northward IMF Stellar Wind”, 2019shin.confE.147S ADS
- Airapetian, V., Adibekyan, V., Ansdell, M., et al., “Reconstructing Extreme Space Weather From Planet Hosting Stars”, 2019BAAS...51c.564A ADS
- Toffoletto, F., Alexander, D., Farrish, A., Sciola, A., & Barnes, W., “Active Star Space Weather and its Planetary Consequences”, 2018AGUFM.P43H3847T ADS
- Sciola, A., Toffoletto, F., & Alexander, D., “Predicting Radio Emission of Exoplanets in Enhanced Stellar Wind Environments”, 2018shin.confE...5S ADS
- Farrish, A., Maruo, M., Barnes, W., et al., “Simulation of Exoplanet Host Star Magnetic Activity on Stellar Cycle Timescales”, 2018shin.confE...4F ADS
- Sciola, A., Toffoletto, F., Alexander, D., & Sazykin, S. Y., “Coupled MHD and Inner Magnetosphere Modeling of Proxima-b”, 2018tess.conf40650S ADS
- Farrish, A., Barnes, W., Alexander, D., Bradshaw, S. J., & DeRosa, M. L., “Simulated Coronal EUV Emission from Exoplanet Host Stars”, 2018tess.conf40649F ADS
- Alexander, D., Farrish, A., Maruo, M., & De Rosa, M. L., “The Application of Solar Flux Transport Modeling to Exoplanet Systems”, 2018tess.conf40648A ADS
- Toffoletto, F., Alexander, D., Sciola, A., Farrish, A., & Sazykin, S. Y., “Modeling the Space Weather environment of Proxima-b”, 2018tess.conf11901T ADS
- Sciola, A., Toffoletto, F., & Alexander, D., “Planetary Magnetospheric Response to Increased Stellar Activity”, 2017shin.confE...97S ADS
- Daou, A. G. & Alexander, D., “Hard X-Ray Asymmetry Limits in Solar Flare Conjugate Footpoints”, 2016ApJ...832...63D ADS
- Zhu, C., Liu, R., Alexander, D., & McAteer, J., “Observation of the Evolution of a Current Sheet in a Solar Flare”, 2016SPD...4730205Z ADS
- Zhu, C., Liu, R., Alexander, D., & McAteer, R. T. J., “Observation of the Evolution of a Current Sheet in a Solar Flare”, 2016ApJ...821L...29Z ADS
- Zhu, C., Liu, R., Alexander, D., Sun, X., & McAteer, R. T. J., “Complex Flare Dynamics Initiated by a Filament-Filament Interaction”, 2015ApJ...813...60Z ADS
- Reep, J. W., Bradshaw, S. J., & Alexander, D., “Optimal Electron Energies for Driving Chromospheric Evaporation in Solar Flares”, 2015ApJ...808...177R ADS
- Zhu, C., Liu, R., Alexander, D., Sun, X., & McAteer, J., “Complex Flare Dynamics Initiated by a Filament-Filament Interaction”, 2015TESS...120317Z ADS
- Zhu, C., Alexander, D., Sun, X., & Daou, A., “The Role of Interchange Reconnection in Facilitating a Filament Eruption”, 2014SoPh...289.4533Z ADS
- Zhu, C. & Alexander, D., “Eruption of a Bifurcated Solar Filament”, 2014SoPh...289...279Z ADS
- Zhu, C. & Alexander, D., “Eruption of a Bifurcated Solar Filament”, 2013SPD...44...23Z ADS
- Zhu, C. & Alexander, D., “Eruption of a Bifurcated Solar Filament”, 2013shin.confE.100Z ADS
- Zhu, C., Alexander, D., & Tian, L., “Velocity Characteristics of Rotating Sunspots”, 2012SoPh...278...121Z ADS
- Alexander, D. & Zhu, C., “Multi-wavelength Observations Of The Evolution Of A Multi-filament Complex”, 2012AAS...22020107A ADS
- Alexander, D., Lastufka, E., & Daou, A., “Spectral Characteristics of Hard X-Ray Emission in Double Footpoint Flares”, 2011shin.confE...90A ADS
- Daou, A. G. & Alexander, D., “Spatial and Temporal Development of Fiducial Current Systems in Solar Flares”, 2011shin.confE...87D ADS
- Zhu, C., Alexander, D., & Tian, L., “Velocity characteristics of rotating sunspots”, 2011shin.confE...56Z ADS
- Alexander, D., Tian, L., Demoulin, P., & Zhu, C., “On Asymmetry of Magnetic Helicity in Emerging Active Regions: High Resolution Observations”, 2011shin.confE...11A ADS
- Zhu, C., Alexander, D., & Tian, L., “Velocity Characteristics Of Rotating Sunspots”, 2011SPD...42.1709Z ADS
- Tian, L., Démoulin, P., Alexander, D., & Zhu, C., “On Asymmetry of Magnetic Helicity in Emerging Active Regions: High-resolution Observations”, 2011ApJ...727...28T ADS
- Gilbert, H., Kilper, G., Alexander, D., & Kucera, T., “Comparing Spatial Distributions of Solar Prominence Mass Derived from Coronal Absorption”, 2011ApJ...727...25G ADS
- Zhu, C., Alexander, D., & Tian, L., “Magnetic helicity injection by rotating sunspots”, 2010shin.confE.100Z ADS
- Tian, L., Zhu, C., & Alexander, D., “Checking Asymmetry of Magnetic Helicity Using Magnetograms with High Spatial and Temporal Resolution”, 2010AAS...21640114T ADS
- Fan, Y., Alexander, D., & Tian, L., “On the Origin of the Asymmetric Helicity Injection in Emerging Active Regions”, 2009ApJ...707...604F ADS
- Gilbert, H. R., Xie, H., St. Cyr, C., & Alexander, D., “The Evolution of Prominence Mass and its Relation to CMEs”, 2009AGUFMSH41B1672G ADS
- Alexander, D. & Martus, C., “Sunspot activity in the build-up to the extended solar minimum”, 2009AGUFMSH11A1497A ADS
- Coyner, A. J. & Alexander, D., “Implications of Temporal Development of Localized Ultraviolet and Hard X-ray Emission for Large Solar Flares”, 2009ApJ...705...554C ADS
- Sandman, A. W., Aschwanden, M. J., DeRosa, M. L., Wülser, J. P., & Alexander, D., “Comparison of STEREO/EUVI Loops with Potential Magnetic Field Models”, 2009SoPh...259...15 ADS
- Kilper, G., Gilbert, H., & Alexander, D., “Mass Composition in Pre-eruption Quiet Sun Filaments”, 2009ApJ...704...522K ADS
- Young, D. E., Alexander, D., & St. Cyr, O. C., “Solar Cycle Variations of the Multipolar Field and White Light Corona”, 2009shin.confE.186Y ADS
- Sandman, A., Aschwanden, M. J., & Alexander, D., “Can We Use STEREO/EUVI to Improve Boundary Conditions for Magnetic Modeling?”, 2009shin.confE...19S ADS
- Liu, R. & Alexander, D., “Hard X-ray Emission in Kinking Filaments”, 2009ApJ...697...999L ADS
- Liu, R., Wang, H., & Alexander, D., “Implosion in a Coronal Eruption”, 2009SPD...40.1918L ADS
- Sandman, A., Aschwanden, M. J., & Alexander, D., “Can We Use STEREO/EUVI to Improve Boundary Conditions for Magnetic Modeling?”, 2009SPD...40.1220S ADS
- Kilper, G., Gilbert, H., & Alexander, D., “Mass Composition in Pre-Eruption Quiet Sun Filaments”, 2009SPD...40.1012K ADS
- Gilbert, H., Kilper, G., Alexander, D., & Kucera, T., “Using Prominence Mass Inferences in Different Coronal Lines to Obtain the He/H Abundance”, 2009SPD...40.1011G ADS
- Zhu, C., Tian, L., & Alexander, D., “Effect of Magnetic Flux Imbalance on the Magnetic Helicity Imbalance in Emerging Active Regions”, 2009SPD...40.0911Z ADS
- Liu, R., Wang, H., & Alexander, D., “Implosion in a Coronal Eruption”, 2009ApJ...696...121L ADS
- Tian, L. & Alexander, D., “Asymmetry of Helicity Injection Flux in Emerging Active Regions”, 2009ApJ...695.1012T ADS
- Appourchoux, T., Liewer, P., Watt, M., et al., “POLAR investigation of the Sun-POLARIS”, 2009ExA...23.1079A ADS

- Liu, R., Alexander, D., & Gilbert, H. R., "Asymmetric Eruptive Filaments", 2009ApJ...691.1079L ADS
- Sandman, A., Aschwanden, M., Wuelser, J., De Rosa, M., & Alexander, D., "Using STEREO/EUVI to Study Active Region Magnetic Fields", 2008AGUFM5H13B1523S ADS
- Coyner, A. J. & Alexander, D., "Temporal and Spatial Evolution of Localized UV and Hard X-ray Emission in Solar Flares", 2008AGUFM5H13A1512C ADS
- Gilbert, H., Kilper, G., Alexander, D., & Kucera, T., "Using Prominence Mass Inferences in Different Coronal Lines to Obtain the He/H Abundance", 2008AGUFM5H13A1509G ADS
- Gilbert, H. R., Daou, A. G., Young, D., Tripathi, D., & Alexander, D., "The Filament-Moreton Wave Interaction of 2006 December 6", 2008ApJ...685..629G ADS
- Tian, L., Alexander, D., & Nightingale, R., "Origins of Coronal Energy and Helicity in NOAA 10030", 2008ApJ...684..747T ADS
- Liu, R., Gilbert, H. R., Alexander, D., & Su, Y., "The Effect of Magnetic Reconnection and Writhing in a Partial Filament Eruption", 2008ApJ...680.1508L ADS
- Daou, A. G. & Alexander, D., "Spatial and Temporal Development of Fiducial Current Systems in Solar Flares", 2008AGUSM5P51C..16D ADS
- Alexander, D., Tian, L., & Coyner, A., "Association of magnetic topology and radiative emissions in solar flares", 2008AGUSM5P51C..14A ADS
- Coyner, A. J. & Alexander, D., "Temporal Development of Localized UV and Hard X-ray Emissions in Large Solar Flares", 2008AGUSM5P51C..10C ADS
- Gilbert, H. R., Kilper, G., Kucera, T., & Alexander, D., "Using Prominence Mass Inferences in Different Coronal Lines to Obtain the He/H Abundance", 2008AGUSM5P43B..05G ADS
- Aschwanden, M. J., Burlaga, L. F., Kaiser, M. L., et al., "Theoretical modeling for the stereo mission", 2008SSRv...136..565A ADS
- Tian, L. & Alexander, D., "On the Origin of Magnetic Helicity in the Solar Corona", 2008ApJ...673..532T ADS
- Gilbert, H., Kilper, G., & Alexander, D., "Observational Evidence Supporting Cross-field Diffusion of Neutral Material in Solar Filaments", 2007ApJ...671..978G ADS
- Sandman, A., Aschwanden, M. J., Alexander, D., & Wuelser, J., "3D Magnetic Modeling of Active Regions Using STEREO/EUVI", 2007AGUFM5H32A0770S ADS
- Gilbert, H. R., Alexander, D., & Liu, R., "Filament Kinking and Its Implications for Eruption and Re-formation", 2007SoPh...245..287G ADS
- Alexander, D. & Daou, A. G., "Saturation of Nonthermal Hard X-Ray Emission in Solar Flares", 2007ApJ...666.1268A ADS
- Liu, R., Alexander, D., & Gilbert, H. R., "Kink-induced Catastrophe in a Coronal Eruption", 2007ApJ...661.1260L ADS
- Gilbert, H., Kilper, G., & Alexander, D., "Observational Evidence Supporting Cross-field Diffusion of Neutral Prominence Material", 2007AAS...210.9505G ADS
- Liu, R., Alexander, D., & Gilbert, H. R., "Kinking and Solar Filament Eruptions", 2007AAS...210.9502L ADS
- Tian, L., Alexander, D., & Nightingale, R., "Relationship Of Sunspot Rotation And Emergence Of Twisted Magnetic Fields?", 2007AAS...210.2403T ADS
- Alexander, D., "Laboratory Exploration of Solar Energetic Phenomena", 2007Ap&SS.307..197A ADS
- Alexander, D., Liu, R., & Gilbert, H. R., "Hard X-Ray Production in a Failed Filament Eruption", 2006ApJ...653..719A ADS
- Reiff, P. H. & Alexander, D., "Getting the Word Out: Undergraduate Space Physics at Rice University", 2006AGUFMED52B..04R ADS
- Coyner, A. J. & Alexander, D., "Investigating the Temporal Behavior of Localized UV and Hard X-ray Emission in Large Solar Flares", 2006SPD...37.1302C ADS
- Gopalswamy, N., Mikić, Z., Maia, D., et al., "The Pre-CME Sun", 2006SSRv...123..303G ADS
- Schwenn, R., Raymond, J. C., Alexander, D., et al., "Coronal Observations of CMEs. Report of Working Group A", 2006SSRv...123..127S ADS
- Alexander, D., "An Introduction to the Pre-CME Corona", 2006SSRv...123..81A ADS
- Alexander, D., Richardson, I. G., & Zurbuchen, T. H., "A Brief History of CME Science", 2006SSRv...123...3A ADS
- Alexander, D. & Coyner, A. J., "Temporal and Spatial Relationships between Ultraviolet and Hard X-Ray Emission in Solar Flares", 2006ApJ...640..505A ADS
- Gopalswamy, N., Mikić, Z., Maia, D., et al., "The Pre-CME Sun", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 303 2006cme..book..303G ADS
- Schwenn, R., Raymond, J. C., Alexander, D., et al., "Coronal Observations of CMEs", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 127 2006cme..book..127S ADS
- Alexander, D., "An Introduction to the pre-CME Corona", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 81 2006cme..book..81A ADS
- Alexander, D., Richardson, I. G., & Zurbuchen, T. H., "A Brief History of CME Science", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 3 2006cme..book...3A ADS
- Tian, L. & Alexander, D., "Role of Sunspot and Sunspot-Group Rotation in Driving Sigmoidal Active Region Eruptions", 2006SoPh...233..29T ADS
- Stern, R., Martínez-Galarce, D., Rausch, A., et al., "High Spectral Resolution Cryogenic Imaging Detectors for Solar Physics", 2005AGUFM5H41B1130S ADS
- Davis, J. M., West, E. A., Moore, R. L., et al., "MTRAP: the magnetic transition region probe", 2005SPIE.5901..273D ADS
- Tian, L., Liu, Y., Yang, J., & Alexander, D., "The Role of the Kink Instability of a Long-Lived Active Region AR 9604", 2005SoPh...229..237T ADS
- Tian, L., Alexander, D., Liu, Y., & Yang, J., "Magnetic Twist and Writhe of δ Active Regions", 2005SoPh...229...63T ADS
- Liu, R. & Alexander, D., "The Characteristics of Hard X-ray Production in Flares Driven by Filament Eruptions", 2005AGUSM5P23B..04L ADS
- Daou, A. G. & Alexander, D., "Photon-Flux Saturation in Large Solar Flares", 2005AGUSM5P21A..06D ADS
- Coyner, A. J. & Alexander, D., "Temporal Evolution of Hard X-ray and UV Emission Sources in Solar Flares", 2005AGUSM5P21A..03C ADS
- Stern, R. A., Martínez-Galarce, D., Rausch, A., et al., "Cryogenic 3-D Detectors for Solar Physics", 2005AGUSM5P12A..02S ADS
- Tian, L., Alexander, D., Liu, Y., & Yang, J., "Magnetic Twist and Writhe of Delta Active Regions", 2005AGUSM5H54B..03T ADS
- Alexander, D., Coyner, A., Daou, A., & Liu, R., "Active region evolution in the build-up to large solar energetic particle events", 2005AGUSM5H53A..02A ADS
- Ko, Y. K., Raymond, J. C., Gibson, S. E., et al., "Multialtitude Observations of a Coronal Jet during the Third Whole Sun Month Campaign", 2005ApJ...623..519K ADS
- McClements, K. G. & Alexander, D., "Fokker-Planck Modeling of Asymmetric Footpoint Hard X-Ray Emission in Solar Flares", 2005ApJ...619.1153M ADS
- Aschwanden, M. J., Lemen, J., Nitta, N., et al., "STEREO/SECCHI Simulations of CMEs and Flares using TRACE Images", 2004AGUFM5H22A..02A ADS
- Martínez-Galarce, D. S., Stern, R., Cabrera, B., et al., "Transition-Edge Sensors for Solar X-ray Spectral Observations - An Update", 2004AGUFM5H13A1147M ADS
- Aschwanden, M. J., Alexander, D., & de Rosa, M. L., "Tomographic 3D-Modeling of the Solar Corona with FASR", 2004ASSL...314..243A ADS
- Ko, Y. K., Raymond, J. C., Gibson, S. E., et al., "Multi-Altitude Observations of a Coronal Jet", 2004AAS...204.5413K ADS
- Chollet, E., Alexander, D., Metcalf, T. R., & Pollack, L., "Hard X-ray Footpoint Asymmetries in Solar Flares", 2004AAS...204.5406C ADS
- Coyner, A. J. & Alexander, D., "Spatial and temporal correlations between UV continuum and hard x-ray emissions in solar flares", 2004AAS...204.5405C ADS
- Alexander, D., & McClements, K. G., "Fokker Planck Modelling of Asymmetric Footpoint Hard X-ray Emission in Solar Flares", 2004AAS...204.5404A ADS
- Daou, A. G., Alexander, D., & Metcalf, T. R., "Non-Relativistic Electron Beam Stability in Solar Flares", 2004AAS...204.0203D ADS
- Alexander, D. & Hauck, K., "Solar Week: Learning from Experience", 2003AGUFMED51C1209A ADS
- Stern, R. A., Martínez-Galarce, D., Metcalf, T., et al., "Cryogenic 3-D Detectors for Solar Physics Using Position Sensitive Transition-Edge Sensors", 2003AAS...203.1805S ADS
- Brown, D. S., Nightingale, R. W., Alexander, D., et al., "Observations of Rotating Sunspots from TRACE", 2003SoPh...216...79B ADS
- Metcalf, T. R., Alexander, D., Hudson, H. S., & Longcope, D. W., "TRACE and Yohkoh Observations of a White-Light Flare", 2003ApJ...595..483M ADS
- Nightingale, R. W., Shine, R. A., Alexander, D., et al., "TRACE, SOHO/EIT, and SOHO/MDI Observations of AR0030, Including Rotating Sunspots and the July 15, 2002 X3.0 Flare in Ultraviolet and Extreme Ultraviolet", 2002AGUFM5H52A0467N ADS
- Alexander, D. & Metcalf, T. R., "Energy dependence of electron trapping in a solar flare", 2002SoPh...210..323A ADS
- Hurlburt, N. E., Alexander, D., & Rucklidge, A. M., "Complete Models of Axisymmetric Sunspots: Magnetocovection with Coronal Heating", 2002ApJ...577..993H ADS
- Gibson, S. E., Fletcher, L., Del Zanna, G., et al., "The Structure and Evolution of a Sigmoidal Active Region", 2002ApJ...574.1021G ADS
- Alexander, D. & Noldon, D., "Summer Fun in the Sun", 2002AAS...200.4803A ADS

- Alexander, D., Nightingale, R., Metcalf, T. R., & Brown, D., "Helicity driven sigmoid evolution", 2002AAS...200.3608A ADS
- De Rosa, M. L., Hurlburt, N. E., Alexander, D., & Rucklidge, A. M., "Numerical Simulations of Supergranular Magnetoconvection", 2002AAS...200.0418D ADS
- Alexander, D., McInnes, C. R., Angelopoulos, V., Sandman, A. W., & Mac-Donald, M., "GeoSail: A novel solar sail mission concept for geospace", 2002AIPC...608..305A ADS
- Aschwanden, M. J. & Alexander, D., "Flare Plasma Cooling from 30 MK down to 1 MK modeled from Yohkoh, GOES, and TRACE observations during the Bastille Day Event (14 July 2000)", 2001SoPh...204...91A ADS
- Metcalf, T. R., Alexander, D., & Hudson, H. H., "Hard X-ray Observations of the August 25, 2001 X Flare", 2001AGUFM42A0776M ADS
- Aschwanden, M. J. & Alexander, D., "Flare Plasma Cooling from 30 MK down to 1 MK modeled from Yohkoh, GOES, and TRACE Observations during the Bastille-Day Event (14 July 2000)", 2001AGUFM32B...05A ADS
- Nightingale, R. W., Alexander, D., Brown, D. S., & Metcalf, T. R., "Energization of Rotating Sunspots, Twisted Coronal Fans, Sigmoid Structures, and Coronal Mass Ejections", 2001AGUFM11C0724N ADS
- Alexander, D., Hurlburt, N. E., Rucklidge, A. M., & De Rosa, M., "Coupled modeling of photospheric and coronal dynamics", 2001AGUFM11C0718A ADS
- Lemen, J. R., Alexander, D., Metcalf, T. R., et al., "The Yohkoh Public Outreach Project: A Space Science Resource for Formal and Informal Education", 2001AGUFMED12A0160L ADS
- Fletcher, L., Metcalf, T. R., Alexander, D., Brown, D. S., & Ryder, L. A., "Evidence for the Flare Trigger Site and Three-Dimensional Reconnection in Multiwavelength Observations of a Solar Flare", 2001ApJ...554..451F ADS
- Czaykowska, A., Alexander, D., & De Pontieu, B., "Chromospheric Heating in the Late Phase of Two-Ribbon Flares", 2001ApJ...552..849C ADS
- Alexander, D., "Observational Diagnostics of Reconnection in Solar Flares", 2001AGUSM...SM22A10A ADS
- Hurlburt, N. & Alexander, D., "Coronal Heating and the dynamics of subphotospheric magnetic fields", 2001AGUSM...SH31D05H ADS
- Alexander, D., Metcalf, T. R., & Nitta, N., "Analysis of X-ray counterparts for Fast and Slow Halo CMEs", 2001AGUSM...SH22B05A ADS
- Alexander, D., "Solar Week: An experiment of the Yohkoh Public Outreach Project", 2001AGUSM...ED41A08A ADS
- Aschwanden, M. J., Schrijver, C. J., & Alexander, D., "Modeling of Coronal EUV Loops Observed with TRACE. I. Hydrostatic Solutions with Nonuniform Heating", 2001ApJ...550.1036A ADS
- Alexander, D., "Solar Week 2000: Using role models to encourage an interest in science", 2000AAS...19712009A ADS
- Aschwanden, M. J., Nightingale, R. W., & Alexander, D., "Evidence for Nonuniform Heating of Coronal Loops Inferred from Multithread Modeling of TRACE Data", 2000ApJ...541.1059A ADS
- Winter, H. D., Alexander, D., & McInnes, C. R., "Solar Sail Mission Concepts", 2000SPD...3102102W ADS
- Ko, Y. K., Raymond, J., Gibson, S., et al., "SOHO/UVCS Observations of a Coronal Jet During the Third Whole Sun Month Campaign", 2000SPD...31.0271K ADS
- Alexander, D. & Czaykowska, A., "Evidence for continued reconnection in solar flares", 2000SPD...31.0270A ADS
- Bromage, B. J. J., Alexander, D., Breen, A., et al., "Structure of a Large low-Latitude Coronal Hole", 2000SoPh...193..181B ADS
- Aschwanden, M. J., Alexander, D., Hurlburt, N., et al., "Three-dimensional Stereoscopic Analysis of Solar Active Region Loops. II. SOHO/EIT Observations at Temperatures of 1.5-2.5 MK", 2000ApJ...531.1129A ADS
- Metcalf, T. R. & Alexander, D., "Coronal Trapping of Energetic Flare Particles: Yohkoh/HXT Observations", 2000ASPC...206..233M ADS
- Alexander, D. & Fletcher, L., "High-resolution Observations of Plasma Jets in the Solar Corona", 1999SoPh...190..167A ADS
- Weber, M. A., Acton, L. W., Alexander, D., Kubo, S., & Hara, H., "A Method for Characterizing Rotation Rates in the Soft X-Ray Corona", 1999SoPh...189..271W ADS
- Czaykowska, A., de Pontieu, B., Alexander, D., & Rank, G., "Chromospheric Evaporation In The Gradual Flare Phase", 1999ESASP.446..257C ADS
- Alexander, D., Hurlburt, N. E., & Rucklidge, A., "Heating The Atmosphere Above Sunspots", 1999ESASP.446..117A ADS
- Metcalf, T. R. & Alexander, D., "Coronal Trapping of Energetic Flare Particles: Yohkoh/HXT Observations", 1999ApJ...522.1108M ADS
- Czaykowska, A., De Pontieu, B., Alexander, D., & Rank, G., "Evidence for Chromospheric Evaporation in the Late Gradual Flare Phase from SOHO/CDS Observations", 1999ApJ...521L..75C ADS
- Aschwanden, M. J., Fletcher, L., Schrijver, C. J., & Alexander, D., "Coronal Loop Oscillations Observed with the Transition Region and Coronal Explorer", 1999ApJ...520..880A ADS
- Gibson, S. E., Alexander, D., Biesecker, D., et al., "Modeling CMEs in three dimensions using an analytic MHD model", 1999AIPC...471..645G ADS
- Gary, G. A. & Alexander, D., "Constructing the Coronal Magnetic Field By Correlating Parameterized Magnetic Field Lines With Observed Coronal Plasma Structures", 1999SoPh...186..123G ADS
- Larson, M. B., McKenzie, D., Slater, T., et al., "Making YOHKOH SXT Images Available to the Public: The YOHKOH Public Outreach Project", 1999AAS...194.7024L ADS
- Strong, K. T., Alexander, D., McInnes, C. R., & Lemen, J. R., "Utilizing solar sails for solar physics", 1999AAS...194.6508S ADS
- Alexander, D. & Simnett, G. M., "The role of the large-scale corona in the production of solar flares", 1999AAS...194.5503A ADS
- Hurlburt, N., Alexander, D., & Rucklidge, A., "Cylindrical Compressible Magnetoconvection and Model Sunspots", 1999AAS...194.5502H ADS
- Alexander, D., Harra-Murnion, L. K., Khan, J. I., & Matthews, S. A., "Relative Timing of Soft X-Ray Nonthermal Line Broadening and Hard X-Ray Emission in Solar Flares", 1998ApJ...494L.235A ADS
- Alexander, D. & Metcalf, T. R., "A Spectral Analysis of the Masuda Flare Using Yohkoh Hard X-Ray Telescope Pixon Reconstruction", 1997ApJ...489..442A ADS
- Larson, M., McKenzie, D., Slater, T., et al., "Using the WWW to Make YOHKOH SXT Images Available to the Public: The YOHKOH Public Outreach Project", 1997SPD...28.0231L ADS
- Metcalf, T. R., Alexander, D., Nitta, N., & Kosugi, T., "A Comparison of the MEM and Pixon Algorithms for HXT Image Reconstruction", 1997SPD...28.0217M ADS
- Bagenal, F., Darnell, T., Burkepile, J., Hundhausen, A., & Alexander, D., "Multi-Spectral Imaging of Coronal Activity.", 1997SPD...28.0146B ADS
- Alexander, D. & Metcalf, T. R., "Automated Identification of Soft X-ray Coronal Loops", 1997SPD...28.0138A ADS
- Lemen, J. R., Acton, L. W., Alexander, D., et al., "Solar identification of solar-wind disturbances observed at Ulysses", 1996AIPC...382...92L ADS
- Hudson, H. S., Acton, L. W., Alexander, D., et al., "Yohkoh/SXT soft x-ray observations of sudden mass loss from the solar corona", 1996AIPC...382...88H ADS
- Hudson, H. S., Acton, L. W., Alexander, D., et al., "The solar origins of two high-latitude interplanetary disturbances", 1996AIPC...382...84H ADS
- Hudson, H. S., Acton, L. W., Alexander, D., et al., "The solar origins of two high-latitude interplanetary disturbances", 1995sowi.conf.58H ADS
- Hudson, H. S., Acton, L. W., Alexander, D., et al., "Yohkoh/SXT soft x-ray observations of sudden mass loss from the solar corona", 1995sowi.conf.58H ADS
- Lemen, J. R., Acton, L. W., Alexander, D., et al., "Comparison of YOHKOH x-ray coronal events with ULYSSES interplanetary events", 1995sowi.conf...58L ADS