

Bibliography from ADS file: fisher.bib
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- Fan, Y., Fisher, G., Afanasev, A., & Kazachenko, M., “Boundary Data-driven MHD Simulation of the Eruptions of Active Region 11158”, 2022cosp...44.2476F ADS
- Kazachenko, M., Fan, Y., Fisher, G., et al., “How could we use observations to constrain and validate data-driven models of solar eruptions?”, 2022cosp...44.2464K ADS
- Lumme, E., Pomoell, J., Price, D. J., et al., “Data-driven, time-dependent modeling of pre-eruptive coronal magnetic field configuration at the periphery of NOAA AR 11726”, 2022A&A...658A.200L ADS
- Fan, Y., Kazachenko, M., Afanasev, A., & Fisher, G., “Boundary Data-driven MHD Simulations of the Emergence and Eruption of Active Region 11158”, 2021AGUFM44A...02F ADS
- Afanasyev, A. N., Kazachenko, M. D., Fan, Y., Fisher, G. H., & Tremblay, B., “Validation of the PDFISS Method for Electric Field Inversions Using a Magnetic Flux Emergence Simulation”, 2021ApJ...919...7A ADS
- Fan, Y., Kazachenko, M., Afanasev, A., & Fisher, G., “Boundary data-driven MHD simulations of the evolution of AR 11158”, 2021AAS...23831320F ADS
- Hayashi, K., Abnett, W. P., Cheung, M. C. M., & Fisher, G. H., “Coupling a Global Heliospheric Magnetohydrodynamic Model to a Magnetofrictional Model of the Low Corona”, 2021ApJS...254...1H ADS
- Kazachenko, M., Abnett, B., Liu, Y., et al., “The Coronal Global Evolutionary Model: Using HMI Vector Magnetogram and Doppler Data to Determine Coronal Magnetic Field Evolution”, 2021cosp...43E1785K ADS
- MacNeice, P. J., Chulaki, A., Mendoza, A. M. M., et al., “Solar and Heliospheric Models at the CCMC - An Update”, 2020AGUFM0030015M ADS
- Hoeksema, J. T., Abnett, W. P., Bercik, D. J., et al., “The Coronal Global Evolutionary Model: Using HMI Vector Magnetogram and Doppler Data to Determine Coronal Magnetic Field Evolution”, 2020ApJS...250...28H ADS
- Fisher, G. H., Kazachenko, M. D., Welsch, B. T., et al., “The PDFISS Electric Field Inversion Software”, 2020ApJS...248...2F ADS
- Fisher, G. H., Kazachenko, M. D., Welsch, B. T., & Lumme, E.: 2020b, *The PDFISS Electric Field Inversion Software*, Zenodo 2020zndo...3711571F ADS
- Fisher, G. H. & Welsch, B. T.: 2020, *The FLCT local correlation tracking software*, Zenodo 2020zndo...3711569F ADS
- Fisher, G., Bercik, D., & Verneti, J.: 2020, *The Simple Data Format (SDF) library*, Zenodo 2020zndo...3711188F ADS
- Lumme, E., Kazachenko, M. D., Fisher, G. H., et al., “Probing the Effect of Cadence on the Estimates of Photospheric Energy and Helicity Injections in Eruptive Active Region NOAA AR 11158”, 2019SoPh...294...84L ADS
- Sun, X., Schuck, P. W., & Fisher, G. H., “Contribution of Doppler Velocity to Active Region Energy and Helicity Flux Estimate”, 2019AAS...23440204S ADS
- Sun, X., Bobra, M. G., Hoeksema, J. T., et al., “Erratum: *textquotedblleftWhy Is the Great Solar Active Region 12192 Flare-rich but CME-poor?textquotedblright* (2015, ApJL, 804, L28”, 2017ApJ...850L...43S ADS
- DeRosa, M. L., Cheung, M., Kazachenko, M. D., & Fisher, G. H., “Global Evolving Models of Photospheric Flux as Driven by Electric Fields”, 2017SPD...4811105D ADS
- Kazachenko, M., Fisher, G. H., Bercik, D. J., Welsch, B. T., & Lynch, B. J., “The Circulation and Closure of Electric Currents in the Solar Atmosphere”, 2016AGUFM31B2579K ADS
- Lynch, B. J., Masson, S., Li, Y., et al., “A model for stealth coronal mass ejections”, 2016JGRA...12110677L ADS
- Sun, X., Fisher, G., Torok, T., et al., “Unexpectedly Strong Lorentz-Force Impulse Observed During a Solar Eruption”, 2016usc...confE...12S ADS
- Welsch, B. T. & Fisher, G. H., “Deriving Potential Coronal Magnetic Fields from Vector Magnetograms”, 2016SoPh...291.1681W ADS
- Sun, X., Fisher, G., Torok, T., et al., “Unexpectedly Large Lorentz-Force Impulse Observed During a Solar Eruption”, 2016shin.confE.158S ADS
- Lynch, B. J., Masson, S., Li, Y., et al., “Streamer Blowout CME Initiation: Not Loss-of-Equilibrium, Not Flux-Cancellation, Not the Kink Instability, and Not the Torus Instability”, 2016shin.confE...49L ADS
- Sun, X., Fisher, G. H., Torok, T., et al., “Unexpectedly Strong Lorentz-Force Impulse Observed During a Solar Eruption”, 2016SPD...47.0628S ADS
- Lynch, B. J., Masson, S., Li, Y., et al., “A Model for Stealth Coronal Mass Ejections”, 2016SPD...47.0616L ADS
- Fisher, G. H., Bercik, D., Welsch, B., Kazachenko, M. D., & CGEM Team, “A Potential Field Model for Spherical Sub-domains”, 2016SPD...47.0308F ADS
- Kazachenko, M. D., Fisher, G. H., Welsch, B. T., Liu, Y., & Sun, X., “Photospheric Electric Fields and Energy Fluxes in the Eruptive Active Region NOAA 11158”, 2015ApJ...811...16K ADS
- Fisher, G. H., Abnett, W. P., Bercik, D. J., et al., “The Coronal Global Evolutionary Model: Using HMI Vector Magnetogram and Doppler Data to Model the Buildup of Free Magnetic Energy in the Solar Corona”, 2015SpWea...13...369F ADS
- Sun, X., Bobra, M. G., Hoeksema, J. T., et al., “Why Is the Great Solar Active Region 12192 Flare-rich but CME-poor?”, 2015ApJ...804L...28S ADS
- Sun, X., Bobra, M. G., Hoeksema, J. T., et al., “Why Is the Great Solar Active Region 12192 CME-Poor?”, 2015TESS...140802S ADS
- Welsch, B. T., Cheung, M. C., Fisher, G. H., Kazachenko, M. D., & Sun, X., “The Coronal Global Evolutionary Model (CGEM): Toward Routine, Time-Dependent, Data-Driven Modeling of the Active Corona”, 2015TESS...131106W ADS
- Li, Y., Lynch, B., Sun, X., et al., “On the Relationship between Solar Magnetic Forces and CME Momenta”, 2015TESS...130219L ADS
- Sorriso-Valvo, L., De Vita, G., Kazachenko, M. D., et al., “Sign Singularity and Flares in Solar Active Region NOAA 11158”, 2015ApJ...801...36S ADS
- Abnett, W. P., Bercik, D. J., & Fisher, G. H., “Modeling the Convection Zone-to-Corona System over Global Spatial Scales”, 2014AGUFM44A...01A ADS
- Kazachenko, M. D., Fisher, G. H., & Welsch, B. T., “A Comprehensive Method of Estimating Electric Fields from Vector Magnetic Field and Doppler Measurements”, 2014ApJ...795...17K ADS
- Fisher, G. H., “The Coronal Global Evolutionary Model (CGEM): Highlights of the First Year”, 2014AAS...22432318F ADS
- Kazachenko, M. D., Canfield, R. C., Fisher, G. H., Hudson, H. S., & Welsch, B., “Relationship between the photospheric Poynting flux and the active region luminosity”, 2014AAS...22412349K ADS
- Kazachenko, M., Fisher, G., & Welsch, B., “Obtaining Photospheric Electric Field Maps and Poynting Fluxes from vector magnetograms and Doppler data: Tests and Data Driving Applications”, 2014cosp...40E1439K ADS
- Fisher, G. & Kazachenko, M., “Photospheric Flows, Lorentz Forces, and Solar-Eruption Initiation”, 2014cosp...40E.874F ADS
- Fisher, G. H., DeRosa, M. L., & Hoeksema, J. T., “The Coronal Global Evolutionary Model (CGEM)”, 2013SPD...4410102F ADS
- Kazachenko, M. D., Hudson, H. S., Fisher, G. H., & Canfield, R. C., “Estimating active region luminosity using EVE/SDO observations”, 2013SPD...44...44K ADS
- Welsch, B. T., Kazachenko, M., Fisher, G. H., et al., “Photospheric Drivers of Coronal Evolution”, 2013enssc.confE.108W ADS
- Welsch, B. T., Fisher, G. H., & Sun, X., “A Magnetic Calibration of Photospheric Doppler Velocities”, 2013ApJ...765...98W ADS
- Welsch, B. T. & Fisher, G. H., “Evolution of the Photospheric Vector Magnetic Field in HMI Data”, 2012AGUFM31A2243W ADS
- Fisher, G. H., Cheung, M., DeRosa, M., et al., “Using Electric Fields to drive simulations of the solar coronal magnetic field”, 2012shin.confE...47F ADS
- Kazachenko, M. D., Fisher, G. H., & Welsch, B. T., “The evolution of the electric field and the Poynting and Helicity Fluxes in NOAA AR 11158”, 2012shin.confE...44K ADS
- Liu, Y., Scherrer, P. H., Hoeksema, J. T., et al., “A First Look at Magnetic Field Data Products from SDO/HMI”, 2012ASPC...455...337L ADS
- Fisher, G. H., Bercik, D. J., Welsch, B. T., & Hudson, H. S., “Global Forces in Eruptive Solar Flares: The Lorentz Force Acting on the Solar Atmosphere and the Solar Interior”, 2012AAS...22020440F ADS
- Kazachenko, M., Fisher, G. H., & Welsch, B. T., “Finding Electric Fields, Poynting and Helicity Fluxes from Vector Magnetograms”, 2012AAS...22020210K ADS
- Zakharenko, V., Konvalenko, A., Kolyadin, V., et al., “Search and study of lightnings on planets of the Solar System”, 2012EGUGA...14.8341Z ADS
- Kazachenko, M., Fisher, G. H., & Welsch, B. T., “Determining electric fields from vector magnetograms”, 2012decs.confE...98K ADS
- Fisher, G. H., Welsch, B. T., & Abnett, W. P., “Electric Fields and Poynting Fluxes from Vector Magnetograms”, 2012decs.confE...75F ADS
- Fisher, G. H., Welsch, B. T., & Abnett, W. P., “Can We Determine Electric Fields and Poynting Fluxes from Vector Magnetograms and Doppler Measurements?”, 2012SoPh...277...153F ADS
- Hudson, H. S., Fletcher, L., Fisher, G. H., Abnett, W. P., & Russell, A., “Momentum Distribution in Solar Flare Processes”, 2012SoPh...277...77H ADS
- Fisher, G. H., Bercik, D. J., Welsch, B. T., & Hudson, H. S., “Global Forces in Eruptive Solar Flares: The Lorentz Force Acting on the Solar Atmosphere and the Solar Interior”, 2012SoPh...277...59F ADS
- Abnett, W. P. & Fisher, G. H., “Radiative Cooling in MHD Models of the Quiet Sun Convection Zone and Corona”, 2012SoPh...277...3A ADS
- Fan, Y., Fisher, G., & Leibacher, J., “Preface”, 2012SoPh...277...1F ADS

- Welsch, B. T., Abnett, W. P., & Fisher, G. H., "Roles for Data Assimilation in Studying Solar Flares & CMEs", 2011AGUFM5H4A..05W ADS
- Lynch, B. J., Li, Y., Antiochos, S. K., et al., "Numerical Simulation of a "Stealth" CME: Why Slow and Simple is Not Mysterious", 2011AGUFM5H43A1937L ADS
- Fisher, G. H., Welsch, B. T., & Abnett, W. P., "Can we Determine Electric Fields and Poynting Fluxes from Vector Magnetograms and Doppler Measurements?", 2011AGUFM5H33C..07F ADS
- Welsch, B. T., Kusano, K., Yamamoto, T. T., & Fisher, G. H., "Decorrelation Times of Photospheric Fields and Flows", 2011AGUFM5H31A1989W ADS
- Alvarado, J. D., Buitrago, J. C., Martínez Oliveros, J., et al., "Observational Analysis of Photospheric Magnetic Field Restructuring During Energetic Solar Flares", 2011AGUFM5H13B1944A ADS
- Li, Y., Welsch, B. T., Lynch, B. J., Luhmann, J. G., & Fisher, G. H., "Evolution and Activity of Solar Active Regions with STEREO Full Sun Imaging", 2011AGUFM5H13A1927L ADS
- Fisher, G. H., Bercik, D. J., Welsch, B. T., & Hudson, H. S., "Momentum Balance in Eruptive Solar Flares: The Lorentz Force Acting on the Solar Atmosphere and the Solar Interior", 2011sdmi.confE..9F ADS
- Fisher, G., Welsch, B., & Abnett, W. P., 2011b 2011shin.confE..62F ADS
- Abnett, W. P. & Fisher, G., "Radiative Cooling in MHD Models of the Quiet Sun Convection Zone and Corona", 2011shin.confE..10A ADS
- Fisher, G. H., Welsch, B. T., & Abnett, W. P., "Can We Determine Electric Fields and Poynting Fluxes from Vector Magnetograms and Doppler Measurements?", 2011SPD...42.1717F ADS
- Welsch, B., Fisher, G., & Sun, X., "Understanding the Physics of Flux Cancellation", 2011SPD...42.1715W ADS
- Li, Y., Welsch, B. T., Lynch, B. J., Fisher, G. H., & Luhmann, J. G., "Magnetic Evolution for Recurrent Intense Flares and Extremely Fast CMEs", 2010AGUFM5H43A1812L ADS
- Lynch, B. J., Li, Y., Antiochos, S. K., DeVore, C. R., & Fisher, G. H., "On tether-cutting reconnection in sheared coronal arcades", 2010AGUFM5H31A1791L ADS
- Fisher, G. H., "Momentum Balance in Eruptive Solar Flares: The Vertical Lorentz force Acting on the Solar Atmosphere and the Solar Interior", 2010shin.confE..57F ADS
- Abnett, W. P. & Fisher, G. H., "A Simplified Treatment of Radiative Transfer in Large-scale Convection Zone-to-Corona Models", 2010shin.confE..6A ADS
- Lynch, B. J., Li, Y., Thernisien, A. F. R., et al., "Sun to 1 AU propagation and evolution of a slow streamer-blowout coronal mass ejection", 2010JGRA..115.7106L ADS
- Li, Y., Lynch, B. J., Welsch, B. T., et al., "Sequential Coronal Mass Ejections from AR8038 in May 1997", 2010SoPh..264..149L ADS
- Fisher, G. H., Welsch, B. T., Abnett, W. P., & Bercik, D. J., "Estimating Electric Fields from Vector Magnetogram Sequences", 2010ApJ...715..242F ADS
- Li, Y., Lynch, B. J., Welsch, B. T., et al., "Photospheric Magnetic Field Evolution in AR8038 with Homologous Coronal Mass Ejections", 2010AAS...21640602L ADS
- Abnett, W. P., Fisher, G. H., Welsch, B. T., & Bercik, D. J., "Assimilating Measurements of the Photospheric Magnetic Field into MHD Models of the Solar Atmosphere", 2010AAS...21640502A ADS
- Fisher, G. H., Welsch, B. T., Abnett, W. P., & Bercik, D. J., "Estimating Electric Fields from Vector Magnetogram Sequences", 2010AAS...21640113F ADS
- Welsch, B., Fisher, G. H., Abnett, W. P., & Bercik, D. J., "Determining Flow Fields Consistent with Vector Magnetic Evolution", 2010AAS...21640112W ADS
- Abnett, W. P. & Fisher, G. H., "Improving large-scale convection-zone-to-corona models.", 2010MmSAI..81..721A ADS
- Fisher, G. H., Abnett, W. P., Bercik, D. J., McTiernan, J. M., & Welsch, B. T., "Incorporating Magnetogram Data into Time-Dependent Coronal Field Models", 2009AGUFM5M51A1340F ADS
- Welsch, B. T., Li, Y., Schuck, P. W., & Fisher, G. H., "What is the relationship between photospheric flow fields and solar flares?", 2009AGUFM5H21C..05W ADS
- Welsch, B. T., Li, Y., Schuck, P. W., & Fisher, G. H., "What is the Relationship Between Photospheric Flow Fields and Solar Flares?", 2009ApJ...705..821W ADS
- Fisher, G. H., Welsch, B. T., Abnett, W. P., & Bercik, D. J., "Estimating Electric Fields from Sequences of Vector Magnetograms", 2009shin.confE..10F ADS
- Welsch, B. T., Li, Y., Schuck, P. W., & Fisher, G. H., "What is the relationship between photospheric flow fields and solar flares?", 2009shin.confE..7W ADS
- Welsch, B., Li, Y., Schuck, P. W., & Fisher, G. H., "What is the Relationship Between the Properties of Photospheric Flows and Flares?", 2009SPD...40.1909W ADS
- Abnett, W. P. & Fisher, G. H., "The Dynamic Evolution of Quiet Sun Magnetic Fields", 2009SPD...40.0903A ADS
- Fisher, G. H., Welsch, B. T., Abnett, W. P., & Bercik, D. J., "Estimating Electric Fields from Vector Magnetogram Sequences", 2009SPD...40.0605F ADS
- Lundquist, L. L., Fisher, G. H., & McTiernan, J. M., "Forward Modeling of Active Region Coronal Emissions. I. Methods and Testing", 2008ApJS..179..509L ADS
- Lundquist, L. L., Fisher, G. H., Metcalf, T. R., Leka, K. D., & McTiernan, J. M., "Forward Modeling of Active Region Coronal Emissions. II. Implications for Coronal Heating", 2008ApJ...689.1388L ADS
- Welsch, B. T., Abnett, W. P., DeRosa, M. L., et al., "Erratum: "Tests and Comparisons of Velocity-Inversion Techniques" (ApJ, 670, 1434 [2007])", 2008ApJ...680..827W ADS
- Welsch, B. T., Fisher, G. H., Abnett, W. P., & Bercik, D. J., "Using Ideal Electric Fields Estimated from Vector Magnetogram Sequences to Drive Coronal MHD Simulations", 2008AGUSM5H54A..04W ADS
- Abnett, W. P., Fisher, G. H., Welsch, B. T., & Bercik, D. J., "The Dynamic Evolution of Active Region Magnetic Fields in the Solar Atmosphere", 2008AGUSM5H31A..08A ADS
- Roussev, I., Lugaz, N., Abnett, W. P., Fisher, G., & Sokolov, I., "Coupling of Large- and Small-scale Processes in the Solar Atmosphere", 2008cosp...37.2657R ADS
- Fisher, G., Fisher, G., Abnett, W. P., Welsch, B., & Bercik, D., "A New Technique for Finding Electric Fields from Sequences of Vector Magnetograms", 2008cosp...37..888F ADS
- Fisher, G. H. & Welsch, B. T., "FLCT: A Fast, Efficient Method for Performing Local Correlation Tracking", 2008ASPC...383..373F ADS
- Hudson, H. S., Fisher, G. H., & Welsch, B. T., "Flare Energy and Magnetic Field Variations", 2008ASPC...383..221H ADS
- Welsch, B. T. & Fisher, G. H., "Surface Flows From Magnetograms", 2008ASPC...383..19W ADS
- Welsch, B. T., Abnett, W. P., De Rosa, M. L., et al., "Tests and Comparisons of Velocity-Inversion Techniques", 2007ApJ...670.1434W ADS
- Li, Y., Lynch, B. J., Welsch, B. T., et al., "The source region magnetic conditions of solar eruption events observed by multi spacecraft", 2007AGUFM5H32A0773L ADS
- Welsch, B. T., Li, Y., & Fisher, G. H., "Photospheric Flows and Flares/CMEs: A Progress Report", 2007AGUFM5H23B..06W ADS
- MacDonald, R., Fisher, G. H., & Leka, K., "Testing a possible scenario for delta-spot formation", 2007AGUFM5H13A1110M ADS
- Fisher, G. H. & Welsch, B., "FLCT: A Fast, Efficient Method for Performing Local Correlation Tracking", 2007AAS...210.9211F ADS
- Abnett, W. P. & Fisher, G. H., "Active Region Magnetic Fields in the Solar Interior", 2006ASPC...354..135A ADS
- Bercik, D. J., Fisher, G. H., Johns-Krull, C. M., Abnett, W. P., & Lundquist, L. L., "Are Convective Dynamos Responsible for the Minimum X-ray Fluxes Observed in the Sun and Late-Type Main Sequence Stars?", 2006ASPC...354..127B ADS
- Fisher, G. & Jones, B., "Aviation & Space Weather Policy Research: Integrating Space Weather Observations & Forecasts into Operations", 2006AGUFM5A53A1348F ADS
- Fisher, G. H., "Simple Data Format - A Platform Independent Data Format that works in Fortran, C, and IDL", 2006SPD...37.0302F ADS
- Weinstein, S., Pane, D., Warren-Rhodes, K., et al., "Implementation of a Daylight Fluorescence Imaging System to Autonomously Detect Biomarkers of Extant Life in the Atacama Desert", 2006LPI...37.2456W ADS
- Welsch, B. T. & Fisher, G. H., "Free Magnetic Energy Changes in AR 8210", 2006IAUS...233..73W ADS
- Donlon, C., Wimmer, W., Robinson, I., et al., "Validation of AATSR Using In Situ Radiometers in the English Channel and Bay of Biscay", 2005ESASP.597E..14D ADS
- Bercik, D. J., Fisher, G. H., Johns-Krull, C. M., & Abnett, W. P., "Convective Dynamos and the Minimum X-Ray Flux in Main-Sequence Stars", 2005ApJ...631..529B ADS
- Dyudina, U., Ingersoll, A. P., Porco, C. C., Desch, N., & Fisher, G., "Cassini Observations Suggesting Lightning on Saturn", 2005DPS...37.3003D ADS
- Bercik, D. J., Fisher, G. H., Johns-Krull, C. M., & Abnett, W. P., "Turbulent Dynamos and the Minimum X-ray Flux in Solar-Type Main Sequence Stars", 2005AGUSM5P43B..01B ADS
- Fisher, G. H., Lundquist, L. L., & McTiernan, J. M., "Comparison Between Coronal Loop Solutions and Coronal Scaling Laws", 2005AGUSM5P41A..08F ADS
- Lundquist, L. L., Fisher, G. H., Leka, K. D., Metcalf, T. R., & McTiernan, J. M., "Predicting Coronal Emissions with Multiple Heating Rates", 2005AGUSM5P14A..02L ADS

- Dohm, J. M., Cabrol, N. A., Grin, E. A., et al., "Life in the Atacama – Year 2: Geologic Reconnaissance Through Long-Range Roving and Implications for the Search for Life", 2005LPI...36.1579D ADS
- Piatek, J. L., Moersch, J. E., Wyatt, M. B., et al., "Spectroscopic Results from the Life in the Atacama (LITA) Project 2004 Field Season", 2005LPI...36.1563P ADS
- Weinstein, S., Pane, D., Warren-Rhodes, K., et al., "Use of a Novel Rover-mounted Fluorescence Imager and Fluorescent Probes to Detect Biological Material in the Atacama Desert in Daylight", 2005LPI...36.1494W ADS
- Cabrol, N. A., Wettergreen, D. S., Whittaker, R., et al., "Searching for Life with Rovers: Exploration Methods & Science Results from the 2004 Field Campaign of the "Life in the Atacama" Project and Applications to Future Mars Missions", 2005LPI...36.1244C ADS
- Lundquist, L. L., Fisher, G. H., McTiernan, J. M., & Régnier, S., "Using Synthetic Emission Images to Constrain Heating Parameters", 2004ESASP.575..306L ADS
- Gibson, S. E., Fan, Y., Mandrini, C., Fisher, G., & Demoulin, P., "Observational Consequences of a Magnetic Flux Rope Emerging into the Corona", 2004ApJ...617..600G ADS
- Fisher, G., "Integrating policy issues into a university space weather curriculum", 2004AGUFMED51B0019F ADS
- Li, Y., Luhmann, J., Fisher, G., & Welsch, B., "Observational evidence for velocity convergence toward magnetic neutral lines as a factor in CME initiation", 2004JASTP...66.1271L ADS
- Abbett, W. P., Mikić, Z., Linker, J. A., et al., "The photospheric boundary of Sun-to-Earth coupled models", 2004JASTP...66.1257A ADS
- Abbett, W. P., Fisher, G. H., Fan, Y., & Bercik, D. J., "The Dynamic Evolution of Twisted Magnetic Flux Tubes in a Three-dimensional Convecting Flow. II. Turbulent Pumping and the Cohesion of Ω -Loops", 2004ApJ...612..557A ADS
- Welsch, B. T., Fisher, G. H., Abbett, W. P., & Regnier, S., "ILCT: Recovering Photospheric Velocities from Magnetograms by Combining the Induction Equation with Local Correlation Tracking", 2004ApJ...610.1148W ADS
- Li, Y., Welsch, B., Fisher, G., Luhmann, J., & Hudson, H., "Photospheric field variations during the Oct. 28 and 29 solar events", 2004AGUSMSH51A..01L ADS
- Fisher, G. H., Welsch, B. T., Abbett, W. P., & Regnier, S., "ILCT: Combining Local Correlation Tracking with the Magnetic Induction Equation", 2004AAS...204.8805F ADS
- Lundquist, L. L., Fisher, G. H., McTiernan, J. M., & Regnier, S., "Steady State Energy Balance in the Solar Corona", 2004AAS...204.7308L ADS
- Allred, J. C., Hawley, S. L., Johns-Krull, C. M., et al., "HST, EUVE and Ground-Based Observations of Flares on AD Leo", 2004IAUS...219..829A ADS
- Longcope, D. W., McLeish, T. C. B., & Fisher, G. H., "A Viscoelastic Theory of Turbulent Fluid Permeated with Fibril Magnetic Fields", 2003ApJ...599..661L ADS
- Pevtsov, A. A., Fisher, G. H., Acton, L. W., et al., "The Relationship Between X-Ray Radiance and Magnetic Flux", 2003ApJ...598.1387P ADS
- Fisher, G. H., "The Solar MURI Project: Understanding Magnetic Eruptions on the Sun and their Interplanetary Consequences", 2003AGUFMSH51A..01F ADS
- Bercik, D. J., Abbett, W. P., Fisher, G. H., & Fan, Y., "Turbulent Magnetic Field Generation in Rotating Stars", 2003AGUFMSH42B0536B ADS
- Gibson, S., Barnes, G., Demoulin, P., et al., "Observational consequences of a magnetic flux rope topology", 2003AGUFMSH42B0516G ADS
- Lundquist, L. L., Fisher, G. H., Régnier, S., Liu, Y., & Abbett, W. P., "Temperature, Density, and Magnetic Field Reconstructions of Active Region Coronal", 2003AGUFMSH42B0509L ADS
- Welsch, B. T., Fisher, G. H., & Abbett, W. P., "I+LCT: A Method for Determining Photospheric Flows from Magnetograms", 2003AGUFMSH22A0177W ADS
- Allred, J. C., Hawley, S. L., Abbett, W. P., et al., "Radiative Hydrodynamic Models of Solar White Light Flares", 2003AGUFMSH22A0175A ADS
- Hawley, S. L., Allred, J. C., Johns-Krull, C. M., et al., "Multiwavelength Observations of Flares on AD Leonis", 2003ApJ...597..535H ADS
- Hawley, S. L., Johns-Krull, C. M., Fisher, G. H., et al., "The March 2000 AD Leo Flare Campaign", 2003csss...12..975H ADS
- Abbett, W. P., Fisher, G. H., Fan, Y., & Bercik, D. J., "Can Simulations of Active Region Magnetic Fields Lead to a Simplified Model of Turbulent Pumping?", 2003SPD...34.1905A ADS
- Bercik, D. J., Fisher, G. H., & Abbett, W. P., "Modeling of the Turbulent Dynamo", 2003SPD...34.1904B ADS
- Fisher, G. H. & Solar MURI Team, "The Framework MHD Simulations of Active Region Evolution Driven by Sequences of Vector Magnetograms", 2003SPD...34.0501F ADS
- Lundquist, L. L., Regnier, S., Abbett, W. P., & Fisher, G. H., "A Temperature and Density Model of the Solar Corona", 2003SPD...34.0404L ADS
- Fan, Y., Abbett, W. P., & Fisher, G. H., "The Dynamic Evolution of Twisted Magnetic Flux Tubes in a Three-dimensional Convecting Flow. I. Uniformly Buoyant Horizontal Tubes", 2003ApJ...582.1206F ADS
- Abbett, W. P. & Fisher, G. H., "A Coupled Model for the Emergence of Active Region Magnetic Flux into the Solar Corona", 2003ApJ...582..475A ADS
- Bercik, D. J. & Fisher, G. H., "Development of the SANMHD Code", 2002AGUFMSH52A0475B ADS
- Abbett, W. P., Fan, Y., & Fisher, G. H., "The Dynamic Evolution of Twisted Omega-loops in a 3-D Convecting Flow", 2002AGUFMSH52A0474A ADS
- Allred, J. C., Hawley, S. L., Johns-Krull, C. M., & Fisher, G. H., "Multiwavelength Observations of Flares on AD Leo", 2002AAS...201.1205A ADS
- Allred, J. C., Hawley, S. L., Johns-Krull, C. M., & Fisher, G. H., "Multiwavelength Flares on AD Leo", 2002AAS...200.7408A ADS
- Fisher, G. H. & Solar MURI Team, "Understanding Magnetic Eruptions on the Sun and their Interplanetary Consequences - The Solar MURI Project.", 2002AAS...200.3701F ADS
- Fan, Y., Abbett, W. P., & Fisher, G. H., "The Rise of Twisted Horizontal Flux Tubes in a 3D Convecting Flow", 2002AAS...200.0306F ADS
- Fisher, G. H. & Longcope, D. W.: 2002, *Solar Magnetism and Related Astrophysics*, Presented at the KITP Program: Solar Magnetism and Related Astrophysics, Feb 14, 2002, Kavli Institute for Theoretical Physics, University of California, Santa Barbara, CA USA. Coordinators: George H. Fisher and Dana W. Longcope. Published by the Kavli Institute for Theoretical Physics, University of California, Santa Barbara, CA USA, 2002. 2002smra.progE...F ADS
- Abbett, W., Ledvina, S., & Fisher, G., "New coupled models of emerging magnetic flux in active regions", 2002ocnd.confE..22A ADS
- Fisher, G., "Emergence: Overview of thin flux tube models", 2002ocnd.confE...9F ADS
- , "Observational Challenges for the Next Decade of Solar Magnetohydrodynamics", 2002ocnd.confE...F ADS
- Abbett, W. P., Ledvina, S. A., Fisher, G. H., & MacNeice, P., "New Coupled Models of Magnetic Flux in Active Regions", 2001AGUFMSH11C0727A ADS
- Niciejewski, R. J. & Fisher, G., "Characteristics of Eight Hour Waves in the Mesosphere and Lower Thermosphere at High Northern Latitudes", 2001AGUFMSA22A0709N ADS
- Fisher, G. H. & Abbett, W. P., "Initial Behavior of a Buoyant Magnetic Flux Tube Imbedded in a Rotating Medium", 2001AGUSM..SP51B11F ADS
- Lundquist, L. L. & Fisher, G. H., "Large Scale Magnetic Diffusion on the Sun", 2001AGUSM..SP51B10L ADS
- Abbett, W. P. & Fisher, G. H., "3-D MHD Simulations of Flux Tube Emergence", 2001AGUSM..SH41A10A ADS
- Fisher, G.: 2001, *Coronal heating during stellar flares and the search for proton beams*, FUSE Proposal ID A022 2001fuse.prop.A022F ADS
- Abbett, W. P., Fisher, G. H., & Fan, Y., "The Emergence of Magnetic Flux in Active Regions", 2001IAUS...203..225A ADS
- Abbett, W. P., Fisher, G. H., & Fan, Y., "The Effects of Rotation on the Evolution of Rising Omega Loops in a Stratified Model Convection Zone", 2001ApJ...546.1194A ADS
- Linton, M. G., Fisher, G. H., Dahlburg, R. B., Fan, Y., & Longcope, D. W., "Multi-mode kink instability as a mechanism for δ -spot formation", 2001AdSpR...26.1781L ADS
- Abbett, W. P., Fisher, G. H., & Fan, Y., "Erratum: The Three-dimensional Evolution of Rising, Twisted Magnetic Flux Tubes in a Gravitationally Stratified Model Convection Zone", 2000ApJ...542.1119A ADS
- Abbett, W. P., Fisher, G. H., & Fan, Y., "The Three-dimensional Evolution of Rising, Twisted Magnetic Flux Tubes in a Gravitationally Stratified Model Convection Zone", 2000ApJ...540..548A ADS
- Griffiths, N. W., Fisher, G. H., Woods, D. T., Acton, L. W., & Siegmund, O. H. W., "Simultaneous SOHO and Yohkoh Observations of a Small Solar Active Region", 2000ApJ...537..481G ADS
- Johns-Krull, C. M., Fisher, G. H., Varsik, J., & Marquette, W., "H α Linear Polarization Observations of Solar Flares: The Search for Proton Beams", 2000SPD...31.0254J ADS
- Griffiths, N. W., Fisher, G. H., Metcalf, T. R., & Falconer, D. A., "Coronal Heating and Sheared Neutral Line Length in Solar Active Regions", 2000SPD...31.0209G ADS
- Abbett, W. P., Fisher, G., & Fan, Y., "The Cohesion of 3-D Magnetic Flux Tubes in a Rotating, Stratified Model Convection Zone", 2000SPD...31.0136A ADS
- Fisher, G. H., Abbett, W. P., & Fan, Y., "3D MHD Simulation of Flux Tube Dynamics: Comparison with Thin Flux Tube Models", 2000SPD...31.0135F ADS
- Fisher, G. H., Fan, Y., Longcope, D. W., Linton, M. G., & Abbett, W. P., "Magnetic flux tubes inside the sun", 2000PhP1...7.2173F ADS

- Fisher, G. H., Fan, Y., Longcope, D. W., Linton, M. G., & Pevtsov, A. A., "The Solar Dynamo and Emerging Flux - (Invited Review)", 2000SoPh...192..119F ADS
- Linton, M. G., Fisher, G. H., Dahlburg, R. B., & Fan, Y., "The Effect of the Helical Kink Instability on the Morphology of Emerging Active Regions", 1999ESASP.448..609L ADS
- Linton, M. G., Fisher, G. H., Dahlburg, R. B., & Fan, Y., "Relationship of the Multimode Kink Instability to δ -Spot Formation", 1999ApJ...522..1190L ADS
- Fan, Y., Zweibel, E. G., Linton, M. G., & Fisher, G. H., "The Rise of Kink-unstable Magnetic Flux Tubes and the Origin of δ -Configuration Sunspots", 1999ApJ...521..460F ADS
- Fan, Y., Zweibel, E. G., Linton, M. G., & Fisher, G. H., "The Emergence of Kink-Unstable Magnetic Flux Tubes and the Origin of δ -Configuration Sunspots", 1999AAS...194.5903F ADS
- Linton, M. G., Fisher, G. H., Longcope, D. W., Dahlburg, R. B., & Fan, Y., "The Current Driven Kink Instability and Its Relationship to δ -SPOT Active Regions", 1999AAS...194.5902L ADS
- Fisher, G. H., Griffiths, N. W., Woods, D. T., Acton, L. W., & Siegmund, O. H. W., "SOHO and YOHKOH Observations of a Small Active Region", 1999AAS...194.1603F ADS
- McTiernan, J. M., Fisher, G. H., & Li, P., "The Solar Flare Soft X-Ray Differential Emission Measure and the Neupert Effect at Different Temperatures", 1999ApJ...514..472M ADS
- Griffiths, N. W., Fisher, G. H., Woods, D. T., & Siegmund, O. H. W., "SUMER Observations of the Quiet-Sun Transition Region", 1999ApJ...512..992G ADS
- Fisher, G. H., Longcope, D. W., Linton, M. G., Fan, Y., & Pevtsov, A. A., "The Origin and Role of Twist in Active Regions", 1999soho...9E..56F ADS
- Fisher, G. H., Fan, Y., Longcope, D. W., Linton, M. G., & Pevtsov, A. A., "The Solar Dynamo and Emerging Flux", 1999soho...9E..18F ADS
- Longcope, D., Linton, M., Pevtsov, A., Fisher, G., & Klapper, I., "Twisted Flux Tubes and How They Get That Way", 1999GMS...111...93L ADS
- Fisher, G. H., Longcope, D. W., Linton, M. G., Fan, Y., & Pevtsov, A. A., "The Origin and Role of Twist in Active Regions", 1999ASPC...178...35F ADS
- Fisher, G. H., Longcope, D. W., Metcalf, T. R., & Pevtsov, A. A., "Coronal Heating in Active Regions as a Function of Global Magnetic Variables", 1998ApJ...508..885F ADS
- Lin, R. P., Hurford, G. J., Madden, N. W., et al., "High-Energy Solar Spectroscopic Imager (HESSI) Small Explorer mission for the next (2000) solar maximum", 1998SPIE.3442...2L ADS
- Longcope, D. W., Fisher, G. H., & Pevtsov, A. A., "Flux-Tube Twist Resulting from Helical Turbulence: The Σ -Effect", 1998ApJ...507..417L ADS
- Linton, M. G., Dahlburg, R. B., Fisher, G. H., & Longcope, D. W., "Nonlinear Evolution of Kink-unstable Magnetic Flux Tubes and Solar δ -Spot Active Regions", 1998ApJ...507..404L ADS
- Fan, Y., Zweibel, E. G., Linton, M. G., & Fisher, G. H., "The Rise of Kink-Unstable Magnetic Flux Tubes in the Solar Convection Zone", 1998ApJ...505L..59F ADS
- Noto, J., Kerr, R. B., Shea, E. M., et al., "Evidence for recombination as a significant source of metastable helium", 1998JGR...10311595N ADS
- Griffiths, N. W., Fisher, G. H., & Siegmund, O. H. W., "An Observational Test of Transition Region Lines as a Pressure Gauge", 1998ASPC...154..621G ADS
- Cully, S. L., Fisher, G. H., Hawley, S. L., & Simon, T., "Extreme Ultraviolet Explorer Spectra of the 1993 March Flares on AD Leonis: The Differential Emission Measure and Implications for Coronal Structure", 1997ApJ...491..910C ADS
- Zaro, D. M., Metcalf, T. R., Fisher, G. H., et al., "Coordinated SOHO, Yohkoh, and Magnetogram Observations Of Transient Loop Brightenings", 1997SPD...28.0503Z ADS
- Fisher, G. H., Griffiths, N. W., & Siegmund, O. H. W., "An Observational Test of Transition Region Lines as a Pressure Gauge", 1997SPD...28.0403F ADS
- Linton, M. G., Dahlburg, R. B., Longcope, D. W., & Fisher, G. H., "Nonlinear Evolution of Kink Unstable Magnetic Flux Tubes", 1997SPD...28.0241L ADS
- Woods, D. T., Castor, J. I., & Fisher, G. H., "Atomic Models for Non-LTE Simulations", 1997SPD...28.0152W ADS
- Longcope, D. W., Fisher, G. H., Metcalf, T. R., et al., "A Reconnection Model for Observed Transient Loop Brightenings", 1997SPD...28.0128L ADS
- Linton, M. G., Longcope, D. W., & Fisher, G. H., "The Helical Kink Instability of Isolated, Twisted Magnetic Flux Tubes", 1996ApJ...469..954L ADS
- Fan, Y. & Fisher, G. H., "Radiative Heating and the Buoyant Rise of Magnetic Flux Tubes in the Solar Interior", 1996SoPh...166...17F ADS
- Longcope, D. W., Fisher, G. H., & Arendt, S., "The Evolution and Fragmentation of Rising Magnetic Flux Tubes", 1996ApJ...464..999L ADS
- Metcalf, T. R. & Fisher, G. H., "A Test of a New Flare Loop Scaling Law Using YOHKOH SXT and GOES Observations", 1996ApJ...462..977M ADS
- Woods, D. T., Fisher, G. H., & Castor, J. I., "Atomic Models for Use in Radiation-Hydrodynamic Simulations of Flaring and Quiescent Atmospheres", 1996AAS...188.7015W ADS
- Linton, M. G., Dahlburg, R. B., Longcope, D. W., & Fisher, G. H., "Numerical Investigation of Kink Unstable Magnetic Flux Tubes", 1996AAS...188.3610L ADS
- Fan, Y. & Fisher, G. H., "Radiative Heating and the Buoyant Rise of Magnetic Flux Tubes in the Solar Interior", 1996AAS...188.3510F ADS
- Fisher, G. H., Longcope, D. W., Metcalf, T. R., & Pevtsov, A. A., "Coronal Heating in Active Regions as a Function of Global Magnetic Variables", 1996AAS...188.3304F ADS
- Longcope, D. W. & Fisher, G. H., "The Effects of Convection Zone Turbulence on the Tilt Angles of Magnetic Bipoles", 1996ApJ...458..380L ADS
- Fisher, G. H., Fan, Y., Longcope, D. W., & Linton, M. C., "The Dynamics of Magnetic Flux Tubes in the Solar Convection Zone", 1996mpsa.conf..329F ADS
- Gully, S. L., Fisher, G. H., Hawley, S. L., & Simon, T., "Continued Analysis of EUVE and Optical Observations of a Flare on AD Leonis", 1996aeu.conf..153G ADS
- Cully, S. L., Fisher, G. H., Hawley, S. L., & Simon, T., "Continued analysis of EUVE and optical observations of a flare on AD Leonis.", 1996aeu.conf..153C ADS
- Cauzzi, G., Canfield, R. C., & Fisher, G. H., "A Search for Asymmetric Flows in Young Active Regions", 1996ApJ...456..850C ADS
- Hawley, S. L., Fisher, G. H., Simon, T., et al., "Simultaneous Extreme-Ultraviolet Explorer and Optical Observations of AD Leonis: Evidence for Large Coronal Loops and the Neupert Effect in Stellar Flares", 1995ApJ...453..464H ADS
- Woods, D. T., Fisher, G. H., & Castor, J. I., "Non-LTE Simulations of Steady Flaring Atmospheres", 1995SPD...26.1308W ADS
- Linton, M. G., Longcope, D. W., & Fisher, G. H., "The Kink Instability of Isolated, Twisted Magnetic Flux Tubes", 1995SPD...26.1005L ADS
- Fan, Y. & Fisher, G. H., "On the Post-Emergence Evolutions of Active Region Flux Tubes in the Solar Convection Zone", 1995SPD...26.1004F ADS
- Fisher, G. H. & Longcope, D. W., "The Effects of Convection Zone Turbulence on the Tilt Angles of Magnetic Bipoles", 1995SPD...26..306F ADS
- Fisher, G. H., Fan, Y., & Howard, R. F., "Comparisons between Theory and Observation of Active Region Tilts", 1995ApJ...438..463F ADS
- Fan, Y., Fisher, G. H., & McClymont, A. N., "Dynamics of Emerging Active Region Flux Loops", 1994ApJ...436..907F ADS
- Cully, S. L., Fisher, G. H., Abbott, M. J., & Siegmund, O. H. W., "A Coronal Mass Ejection Model for the 1992 July 15 Flare on AU Microscopii Observed by the Extreme Ultraviolet Explorer", 1994ApJ...435..449C ADS
- Hawley, S. L. & Fisher, G. H., "Solar Flare Model Atmospheres", 1994ApJ...426..387H ADS
- Cully, S. L., Fisher, G. H., Hawley, S. L., & Simon, T., "EUVE Spectral Observations of a Flare on AD Leonis", 1994AAS...184.4507C ADS
- Fisher, G. H., Fan, Y., Deluca, E. E., & McClymont, A. N., "Models of Rising Active Region Flux Tubes", 1994ASPC...68..109F ADS
- Cully, S. L., Fisher, G. H., Siegmund, O. H. W., & Abbott, M., "A CME model for the 1992 July 15 flare on AU Mic observed by EUVE.", 1994ASPC...64..32C ADS
- Hawley, S. L. & Fisher, G. H.: 1993, Solar flare model atmospheres 1993STIN...9519034H ADS
- Cully, S. L., Fisher, G. H., & Siegmund, O. H. W., "A CME Model for the 1992 July 15 AU MIC Flare Observed by EUVE", 1993AAS...183.1502C ADS
- Abbott, M. J., Cully, S. L., & Fisher, G. H., "EUVE Spectroscopic Observation of the 1992 July 15 Flare on AU MIC", 1993AAS...183.1501A ADS
- Deluca, E. E., Fisher, G. H., & Patten, B. M., "The Dynamics of Magnetic Flux Rings", 1993ApJ...411..383D ADS
- Fisher, G. H. & Fan, Y., "Twisting Motions in Emerging Active Region Flux Tubes", 1993BAAS...25R1206F ADS
- Hawley, S. L. & Fisher, G. H., "Solar Flare Model Atmospheres", 1993BAAS...25R1190H ADS
- Fisher, G. H., Cully, S. L., & Siegmund, O. H. W., "Theoretical Models of a Flare on AU MIC seen by EUVE Deep Survey Detectors", 1993AAS...182.4608F ADS
- Cully, S. L., Siegmund, O. H. W., Fisher, G. H., et al., "EUVE Deep Survey Observations of a Flare on AD Leo", 1993AAS...182.4104C ADS
- Hawley, S. L., Deustua, S. E., Cully, S. L., et al., "Simultaneous Optical and EUVE Observations of a Flare on AD Leo", 1993AAS...182.3808H ADS
- Fan, Y., Fisher, G. H., & Deluca, E. E., "The Origin of Morphological Asymmetries in Bipolar Active Regions", 1993ApJ...405..390F ADS
- Fan, Y., Fisher, G. H., & Deluca, E. E., "The Evolution of Anchored Magnetic Flux Loops in the Convective Envelope of the Sun", 1993ASPC...42...89F ADS
- Pettersen, B. R., Hawley, S. L., & Fisher, G. H., "Starspots - the ZEBRA Effect", 1992SoPh...142..197P ADS

- Hawley, S. L. & Fisher, G. H.: 1992, *X-Ray-heated Models of Stellar Flare Atmospheres: Theory and Comparison with Observations*: Erratum, *Astrophysical Journal Supplement* v.81, p.885 1992ApJS...81..885H ADS
- Fisher, G. H. & Hawley, S. L., "Solar Flare Model Atmospheres", 1992AAS...180.4101F ADS
- Kupke, R. & Fisher, G. H., "Application of Statistical Regularization Methods to Determine the Differential Emission Measure", 1992AAS...180.0514K ADS
- Fan, Y., Fisher, G. H., & Deluca, E. E., "On the Dynamics of Emerging Toroidal Magnetic Flux Tubes", 1992AAS...180.0502F ADS
- Deluca, E. E. & Fisher, G. H., "Fibril Dynamics and Fibril Dynamics", 1992AAS...180.0501D ADS
- Hawley, S. L. & Fisher, G. H., "X-Ray-heated Models of Stellar Flare Atmospheres: Theory and Comparison with Observations", 1992ApJS...78..565H ADS
- Fisher, G. H., Deluca, E. E., & Patten, B. M., "Amplification of Fibril Magnetic Fields by Chaotic Flows", 1992ASPC...27..173F ADS
- Hawley, S. L. & Fisher, G. H., "Energy Balance Models of Solar Flare Atmospheres", 1992ASPC...26..534H ADS
- Pettersen, B. R., Hawley, S. L., & Fisher, G. H., "A ZEBRA Interpretation of BY DRA Stars", 1992ASPC...26..285P ADS
- Fisher, G. H., Deluca, E. E., & Patten, B. M., "Magnetic Flux Tubes in a 3D Chaotic Flow Field", 1992ASPC...26..240F ADS
- Fisher, G. H., McClymont, A. N., & Chou, D.-Y., "The Stretching of Magnetic Flux Tubes in the Convective Overshoot Region", 1991ApJ...374..766F ADS
- Fisher, G. H. & Hawley, S. L., "What Do Stellar Flares Tell Us About Solar White Light Flares?", 1991BAAS...23R1067F ADS
- Patten, B. M., Fisher, G. H., & Deluca, E. E., "A New Numerical Model of Thin Flux Tubes in Three Dimensions", 1991BAAS...23R1051P ADS
- Fan, Y., Fisher, G. H., & McClymont, A. N., "The Role of Slow Mode Waves in p-mode Absorption by Sunspots", 1991BAAS...23Q1049F ADS
- Deluca, E. E. & Fisher, G. H., "On the Dissipation of Magnetic Fields in the Solar Convection Zone", 1991BAAS...23.1048D ADS
- Fisher, G. H., McClymont, A. N., & Chou, D.-Y., "The Effects of Magnetic Stretching in the Convective Overshoot Region", in D. Gough and J. Toomre (Eds.), *Challenges to Theories of the Structure of Moderate-Mass Stars*, Vol. 388, 233 1991LNP...388..233F ADS
- Fisher, G. H. & Hawley, S. L., "An Equation for the Evolution of Solar and Stellar Flare Loops", 1990ApJ...357..243F ADS
- Chou, D.-Y. & Fisher, G. H.: 1990, *Dynamics of Anchored Flux Tubes in the Convection Zone. I. Details of the Model*: Erratum, *Astrophysical Journal* v.352, p.780 1990ApJ...352..780C ADS
- McClymont, A. N. & Fisher, G. H., "The Origins of Flare Energy", 1990BAAS...22R.891M ADS
- Fisher, G. H., Chou, D. Y., & McClymont, A. N., "The Stretching of Flux Tubes in the Convective Overshoot Region", 1990BAAS...22..855F ADS
- Hawley, S. L. & Fisher, G. H., "An Equation for the Evolution of Solar and Stellar Flare Loops", 1990BAAS...22..826H ADS
- Fisher, G. H., "Dynamics of Flare-driven Chromospheric Condensations", 1989ApJ...346.1019F ADS
- Chou, D.-Y. & Fisher, G. H., "Dynamics of Anchored Flux Tubes in the Convection Zone. I. Details of the Model", 1989ApJ...341..533C ADS
- Fisher, G. H., "The Dynamics of Flare Drive Chromospheric Condensations", 1989BAAS...21..843F ADS
- Fisher, G. H. & Hawley, S. L., "A dynamic scaling law for solar and stellar flare loops.", 1989asf.confP.353F ADS
- Kopp, R. A., Fisher, G. H., MacNiece, P., McWhirter, R. W. P., & Peres, G., "Intercomparison of numerical models of flaring coronal loops.", 1989epos.conf..597K ADS
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions.", 1989epos.conf..303D ADS
- McClymont, A. N. & Fisher, G. H., "On the mechanical energy available to drive solar flares.", 1989GMS...54..219M ADS
- Fisher, G., Chou, D.-Y., & McClymont, A. N., "Emergence of anchored flux tubes through the convection zone.", 1989GMS...54..47F ADS
- McClymont, A. N. & Fisher, G. H., "On The Mechanical Energy Available to Drive Solar Flares", 1988BAAS...20..687M ADS
- Fisher, G. H., Chou, D. Y., & McClymont, A. N., "Emergence of Anchored Flux Tubes Through the Convection Zone", 1988BAAS...20..679F ADS
- Fisher, G. H. & Chou, D. Y., "The Dynamics of Buoyant Flux Tubes Anchored at the Base of the Convection Zone", 1987BAAS...19.1132F ADS
- Fisher, G. H., "Explosive Evaporation in Solar Flares", 1987ApJ...317..502F ADS
- Fisher, G. H., "Chromospheric downflow velocities as a diagnostic in solar flares", 1987SoPh...113..307F ADS
- Kopp, R. A., Fisher, G. H., MacNiece, P., McWhirter, R. W. P., & Peres, G., "Intercomparison of numerical models of flaring coronal loops", 1986epos.conf..7.1K ADS
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions", 1986epos.conf..4.1D ADS
- Fisher, G. H., "An Analytical Model of Explosive Evaporation", 1986BAAS...18..966F ADS
- Fisher, G. H., "Can Explosive Evaporation Explain the Fast Time Scales Observed by SMM During Flares?", 1986BAAS...18..698F ADS
- Fisher, G. H., "Low temperature signatures of energetic particles. Discussion summary.", 1986lasf.conf..491F ADS
- Fisher, G. H., "Radiation shocks and condensations in flares.", 1986lasf.conf..25F ADS
- Kopp, R. A., Fisher, G. H., MacNiece, P., McWhirter, R. W. P., & Peres, G., "Intercomparison of numerical models of flaring coronal loops.", 1986NASCP2439...7K ADS
- Doschek, G. A., Antiochos, S. K., Antonucci, E., et al., "Chromospheric explosions.", 1986NASCP2439...4D ADS
- Fisher, G. H., "Radiation Hydrodynamics in Solar Flares", in D. Mihalas and K.-H. A. Winkler (Eds.), *IAU Colloq. 89: Radiation Hydrodynamics in Stars and Compact Objects*, Vol. 255, 53 1986LNP...255...53F ADS
- Fisher, G. H.: 1985a, *Radiating shocks and condensations in flares*, Presented at the NSO/SMM Summer Workshop, Sacramento, Calif., 1 Aug. 1985 1985STIN...8630622F ADS
- Fisher, G. H., "Radiative Shocks in the Solar Flare Chromosphere", 1985BAAS...17..634F ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Flare Loop Radiative Hydrodynamics - Part Seven - Dynamics of the Thick Target Heated Chromosphere", 1985ApJ...289..434F ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Flare Loop Radiative Hydrodynamics - Part Six - Chromospheric Evaporation due to Heating by Nonthermal Electrons", 1985ApJ...289..425F ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Flare loop radiative hydrodynamics. V - Response to thick-target heating. VI - Chromospheric evaporation due to heating by nonthermal electrons. VII - Dynamics of the thick-target heated chromosphere", 1985ApJ...289..414F ADS
- Fisher, G. H.: 1984, "The Radiative Hydrodynamics of Flare Loops Heated by Impulsive Bursts of Energetic Electrons", *Ph.D. thesis*, University of California, San Diego 1984PhDT.....5F ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Chromospheric evaporation velocities in solar flares", 1984ApJ...281L..79F ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Chromospheric Evaporation in Flares Due to Heating by Nonthermal Electrons", 1984BAAS...16..543F ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Maximum Upward Velocities of Chromospheric Evaporation in Flares", 1983BAAS...15..918F ADS
- An, C. H., Canfield, R. C., Fisher, G. H., & McClymont, A. N., "Flare loop radiative hydrodynamics. IV - Dynamic evolution of unstable semiempirical loop models", 1983ApJ...267..421A ADS
- McClymont, A. N., Canfield, R. C., & Fisher, G. H., "Impulsive EUV and Hard X-ray Flare Emission", 1983BAAS...15R.711M ADS
- Canfield, R. C., Fisher, G. H., & McClymont, A. N., "Emission from Flare Loops Heated Impulsively by Nonthermal Electrons", 1983BAAS...15R.708C ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Chromospheric Evaporation in Flare Loops Heated Impulsively by Nonthermal Electrons", 1983BAAS...15..708F ADS
- Canfield, R. C., Fisher, G. H., & McClymont, A. N., "Flare loop radiative hydrodynamics. III - Nonlocal radiative transfer effects", 1983ApJ...265..507C ADS
- Fisher, G. H., Canfield, R. C., & McClymont, A. N., "Non-Local Effects of Radiative Transfer on Radiative Hydrodynamic Stability", 1981BAAS...13..846F ADS
- An, C. H., Canfield, R. C., McClymont, A. N., & Fisher, G. H., "Non-Linear Development of the Radiative Hydrodynamic Instability in Empirical Solar Loop Models", 1981BAAS...13..837A ADS
- Mansell, A. L. & Fisher, G., "Places of Comet II. 1861, from Sextant-Observations of the Distances of the Comet from Fixed Stars", 1861MNRAS...22...15M ADS
- Janson, T. C., Burr, T. W., Dawes, W. R., et al., "Observations of the Solar Eclipse of July 18, 1860", 1860MNRAS...21...16J ADS
- Fisher, G., "Observations of the occultation of Saturn, April 12, 1835", 1835MNRAS...3..129F ADS
- Fisher, G., "Astronomical Observations. Observations of the Transit of Mercury, May 5th, 1832.", 1833MNRAS...5..381F ADS