

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

- Tiwari, A. K., Tremblay, B., Hu, A., et al., “SEARCH: SEgmentation of polar Coronal Holes”, 2021cscs.confE.211T [ADS](#)
- Penn, M. J., Baer, R., Walter, D., et al., “Acceleration of Coronal Mass Ejection Plasma in the Low Corona as Measured by the Citizen CATE Experiment”, 2020PASP..132a4201P [ADS](#)
- McKay, M. A., Ursache, A., Penn, M., & Citizen CATE Experiment 2017 Team, “The Citizen CATE Experiment: Techniques to Determine Totality Coverage and Clouded Data Removal.”, 2018AAS..23124206M [ADS](#)
- Penn, M. & Citizen CATE Experiment 2017 Team, “First results from the Citizen CATE Experiment from August 2017”, 2018AAS..23122005P [ADS](#)
- Speck, A., Habbal, S., Tresch Fienberg, R., et al., “Preparing a Nation for the Eclipse of a Generation”, 2018AAS..23122002S [ADS](#)
- Penn, M. J., “First results from the Citizen CATE Experiment 2017”, 2017AGUFMSH24A..03P [ADS](#)
- Burkepile, J., Boll, A., Casini, R., et al., “Polarization Observations of the Total Solar Eclipse of August 21, 2017”, 2017AGUFMSH13B2477B [ADS](#)
- Schad, T. A., Fehlmann, A., Jaeggli, S. A., et al., “Critical Infrared Science with the Daniel K. Inouye Solar Telescope”, 2017SPD..4811703S [ADS](#)
- Fletcher, L., Simoes, P., Kerr, G. S., et al., “The thermal infrared continuum in solar flares”, 2017SPD..4810821F [ADS](#)
- Penn, M. J., Baer, R., Bosh, R., et al., “Instrumentation for the Citizen CATE Experiment: Faroe Islands and Indonesia”, 2017PASP..129a5005P [ADS](#)
- Bosh, R., Penn, M. J., McKay, M., et al., “Multi-site Observations of the March 2016 Total Solar Eclipse: Calibration of Images to Simulate Continuous Monitoring”, 2017AAS..22942401B [ADS](#)
- Schad, T. A., Penn, M. J., Lin, H., & Judge, P. G., “Vector Magnetic Field Measurements along a Cooled Stereo-imaged Coronal Loop”, 2016ApJ..883..5S [ADS](#)
- Penn, M. J., Uitenbroek, H., Clark, A., et al., “Spectropolarimetry of Atomic and Molecular Lines near 4135 nm”, 2016SoPh..291.2243P [ADS](#)
- Penn, M. J., Pierce, M., Jensen, L., et al., “Coronal Science from the Citizen CATE Experiment”, 2016shin.confE.154P [ADS](#)
- Schad, T. A., Penn, M. J., & Armstrong, J., “Student artistry sparks eclipse excitement on Maui: NSO/DKIST EPO for the 2016 Partial Solar Eclipse”, 2016SPD..47.0501S [ADS](#)
- Watson, F. T., Beck, C., Penn, M. J., et al., “Cross-Calibrating Sunspot Magnetic Field Strength Measurements from the McMath-Pierce Solar Telescope and the Dunn Solar Telescope”, 2015SoPh..290.3267W [ADS](#)
- Schad, T. A., Penn, M. J., Lin, H., & Tritschler, A., “He I Vector Magnetic Field Maps of a Sunspot and Its Superpenumbral Fine-Structure”, 2015SoPh..290.1607S [ADS](#)
- Penn, M., Baer, B., & Isbner, F., “Citizen CATE Experiment: Prototype Testing and Plans”, 2015SASS..34..63P [ADS](#)
- Watson, F., Tritschler, A., Penn, M. J., et al., “A Spectro-polarimetric Analysis of Sunspot Umbrae”, 2014AAS..22411202W [ADS](#)
- Penn, M. J., Coulter, R., & Goode, P. R., “New Vector Spectropolarimetry of Sunspots near 4000nm”, 2014AAS..22411201P [ADS](#)
- Watson, F. T., Penn, M. J., & Livingston, W., “A Multi-instrument Analysis of Sunspot Umbrae”, 2014ApJ..787..22W [ADS](#)
- Penn, M. J., “Infrared Solar Physics”, 2014LRSP..11..2P [ADS](#)
- Penn, M. J., “Coronal science with the ATST”, 2013SPD..4440101P [ADS](#)
- Watson, F., Penn, M. J., & Livingston, W., “A Systematic Look At Sunspots From Space: 1996 - 2013”, 2013SPD..4420401W [ADS](#)
- Pasachoff, J. M., Schneider, G., Babcock, B. A., et al., “Transit Observations of Venus’s Atmosphere in 2012 from Terrestrial and Space Telescopes as Exo-planet Analogs”, 2013AAS..22221701P [ADS](#)
- Schad, T. A., Penn, M. J., & Lin, H., “He I Vector Magnetometry of Field-aligned Superpenumbral Fibrils”, 2013ApJ..768..111S [ADS](#)
- Gottlieb, A. & Penn, M., “Solar Spectra Fe 1564.8 nm Line and a Least Squares Analysis”, 2013AAS..22144501G [ADS](#)
- Schad, T. A., Penn, M. J., Lin, H., & Tritschler, A., “He I Spectropolarimetry with FIRS: Towards Vector Magnetometry of Chromospheric Fibrils Plus New Diagnostics of Coronal Rain”, 2012ASPC..463..25S [ADS](#)
- Livingston, W., Penn, M. J., & Svalgaard, L., “Decreasing Sunspot Magnetic Fields Explain Unique 10.7 cm Radio Flux”, 2012ApJ..757L..8L [ADS](#)
- Schad, T. A., Penn, M. J., & Pietarila, A., “Coronal Rain Observed On-disk with He I Spectropolarimetry from DST/FIRS”, 2012AAS..22031005S [ADS](#)
- Penn, M. J. & Schad, T., “Sunspot Dynamics as seen with CO 4666nm Spectroscopy”, 2012AAS..22020610P [ADS](#)
- Schad, T. A., Tritschler, A., & Penn, M. J., “Multi-wavelength Spectropolarimetry Of A Sunspot Superpenumbra With Firs And Ibis”, 2012AAS..22020302S [ADS](#)
- Penn, M. J., Livingston, W., & Svalgaard, L., “Decreasing Sunspot Magnetic Fields Explain Unique 10.7cm Radio Flux”, 2012AAS..22011004P [ADS](#)
- Penn, M. J. & Livingston, W., “Long-term evolution of sunspot magnetic fields”, 2011IAUS..273..126P [ADS](#)
- Penn, M. J., Schad, T., & Cox, E., “Probing the Solar Atmosphere Using Oscillations of Infrared CO Spectral Lines”, 2011ApJ..734..47P [ADS](#)
- Livingston, W. C., Penn, M., & Svalgaard, L., “A Decade of Diminishing Sunspot Vigor”, 2011SPD..42.1721L [ADS](#)
- Penn, M. J., Schad, T., & Cox, E., “Probing the Solar Atmosphere Using Oscillations of Infrared CO Spectral Lines”, 2011SPD..42.1702P [ADS](#)
- Schad, T. A. & Penn, M. J., “High-Resolution He I Spectropolarimetry of Chromospheric Fibrils”, 2011SPD..42.0305S [ADS](#)
- Schad, T. A., Jaeggli, S. A., Lin, H., & Penn, M. J., “Spectropolarimetry of Chromospheric Magnetic and Velocity Structure Above Active Regions”, 2011ASPC..437..483S [ADS](#)
- Schad, T. A. & Penn, M. J., “IR spectroscopy of COmosphere dynamics with the CO first overtone band”, 2010AN..331..589S [ADS](#)
- Schad, T. A. & Penn, M. J., “Structural Invariance of Sunspot Umbrae over the Solar Cycle: 1993 - 2004”, 2010SoPh..262..19S [ADS](#)
- Jaeggli, S. A., Lin, H., Mickey, D. L., et al., “FIRS: a new instrument for photospheric and chromospheric studies at the DST”, 2010MmSAI..81..763J [ADS](#)
- Livingston, W. & Penn, M., “Are Sunspots Different During This Solar Minimum?”, 2009EOSTr..90..257L [ADS](#)
- Prasad Choudhary, D., Deng, N., Tejamoortula, U., & Penn, M. J., “Near IR observations of Quiet Chromosphere”, 2009SPD..40.1005P [ADS](#)
- Penn, M. J. & Schad, T., “Evershed Outflow During Solar Cycle 23”, 2009SPD..40.0907P [ADS](#)
- Choudhary, D., Tejamoortula, U., & Penn, M. J., “Dynamics of Quiet Solar Chromosphere at the Limb”, 2008AGUFMSH23A1622C [ADS](#)
- Ayres, T., Penn, M., Plymate, C., & Keller, C., “A New Era in Solar Thermal-IR Astronomy: the NSO Array Camera (NAC) on the McMath-Pierce Telescope”, 2008ESPM..12.2.74A [ADS](#)
- Schad, T. A. & Penn, M. J., “Solar Cycle Dependence of Umbral Magneto-Induced Line Broadening”, 2008AGUSMSP41B..06S [ADS](#)
- Penn, M., “Near Infrared Observations of Solar Granulation”, 2008AGUSMSP41B..01P [ADS](#)
- Jaeggli, S. A., Lin, H., Mickey, D. L., et al., “The Facility IR Spectropolarimeter for the Dunn Solar Telescope”, 2008AGUSMSP31A..11J [ADS](#)
- Penn, M. J. & MacDonald, R. K. D., “Solar Cycle Changes in Sunspot Umbral Intensity”, 2007ApJ..662L.123P [ADS](#)
- Penn, M. J., “Observations of Solar Structures and Oscillations with Infrared CO Absorption Lines”, 2007AAS..21012003P [ADS](#)
- MacDonald, R. & Penn, M. J., “Further Investigations of the Umbral Intensity of Sunspots”, 2007AAS..210.9201M [ADS](#)
- Plymate, C. & Penn, M. J., “Recent Results From The NSO Array Camera”, 2007AAS..210.2409P [ADS](#)
- Penn, M. J., Jaeggli, S. A., Henney, C. J., Luszcz, S., & Walton, S. R., “Penumbra Moving Magnetic Features”, 2006ASPC..358..31P [ADS](#)
- Penn, M. J. & Livingston, W., “Temporal Changes in Sunspot Umbral Magnetic Fields and Temperatures”, 2006ApJ..649L..45P [ADS](#)
- Hill, F., Beckers, J., Brandt, P., et al., “Site testing for the Advanced Technology Solar Telescope”, 2006SPIE.6267E..1TH [ADS](#)
- Penn, M. J., “NAC Observations of an X1.8 Flare”, 2006SPD..37.0811P [ADS](#)
- , “Large-scale Structures and their Role in Solar Activity”, 2005ASPC..346..S [ADS](#)
- Allen, J. E., J. & Penn, M. J., “Polarization in Mercury’s Exosphere”, 2005ASPC..343..181A [ADS](#)
- Socas-Navarro, H., Beckers, J., Brandt, P., et al., “Solar Site Survey for the Advanced Technology Solar Telescope. I. Analysis of the Seeing Data”, 2005PASP..117.1296S [ADS](#)
- Jaeggli, S. A., Penn, M. J., & Henney, C. J., “Searching for Moving Magnetic Features at 1565 nm”, 2005AGUSMSP41B..01J [ADS](#)
- Hill, F., Beckers, J., Brandt, P., et al., “The ATST Site Survey”, 2005AGUSMSP34A..04H [ADS](#)
- Luszcz, S. H., Penn, M. J., Jaeggli, S. A., & Henney, C. J., “Moving Magnetic Features Inside the Penumbra of NOAO 10008”, 2005AGUSMSP11A..05L [ADS](#)
- Penn, M. J. & Jaeggli, S. A., “The 1564.6nm CN Line in Sunspots”, 2005AGUSMSP11A..02P [ADS](#)
- Hill, F., Beckers, J., Brandt, P., et al., “Solar site testing for the Advanced Technology Solar Telescope”, 2004SPIE.5489..122H [ADS](#)
- Penn, M. J., Lin, H., Tomczyk, S., Elmore, D., & Judge, P., “Background-Induced Measurement Errors of the Coronal Intensity, Density, Velocity, and Magnetic Field”, 2004SoPh..222..61P [ADS](#)
- Lin, H. & Penn, M. J., “The Advanced Technology Solar Telescope Site Survey Sky Brightness Monitor”, 2004PASP..116..652L [ADS](#)
- Hill, F., Collados, M., Navarro, H., et al., “Latest Results from the ATST Site Survey”, 2004AAS..204.6909H [ADS](#)

- Penn, M. J., "Magnetic Source of 16 Mar 2009 Filament Eruption: An Imagined VSO Study", 2004AAS...204.5202P [ADS](#)
- Jaeggli, S. A. & Penn, M. J., "IR Vector Magnetic Fields I: Instrumental Polarization Correction", 2004AAS...204.3706J [ADS](#)
- Penn, M. J., Jaeggli, S. A., Henney, C. J., Walton, S. R., & Ceja, J. A., "IR Vector Magnetic Fields II: Atomic and Molecular Line Polarization in a Sunspot", 2004AAS...204.3705P [ADS](#)
- Penn, M. J., Lin, H., Schmidt, A. M., Gerke, J., & Hill, F., "Extinction and Sky Brightness at Two Solar Observatories", 2004SoPh..220..107P [ADS](#)
- Balasubramaniam, K. S., Keil, S. L., Penn, M. J., et al., "Synergy of Research and EPO Programs at NSO", 2003AGUFMED51C1215B [ADS](#)
- Penn, M. J., Cao, W. D., Walton, S. R., Chapman, G. A., & Livingston, W., "Imaging Spectropolarimetry of Ti I 2231 nm in a Sunspot", 2003SoPh..215..87P [ADS](#)
- Penn, M. J., Cao, W. D., Walton, S. R., Chapman, G. A., & Livingston, W., "Weak Infrared Molecular Lines Reveal Rapid Outflow in Cool Magnetic Sunspot Penumbral Fibrils", 2003ApJ...590L.119P [ADS](#)
- Penn, M. J., Cao, W. D., Walton, S. R., Chapman, G. A., & Livingston, W., "Weak IR Lines Reveal Rapid Outflow in Cool Magnetic Penumbra", 2003SPD...34.1106P [ADS](#)
- Penn, M. J., Walton, S., Chapman, G., Ceja, J., & Plick, W., "Temperature Dependence of Molecular Line Strengths and Fe i 1565 nm Zeeman Splitting in a Sunspot", 2003SoPh..213..55P [ADS](#)
- Penn, M. J. & Jones, H. P., "Stokes V Profiles in a Post-flare Ca II 854.2nm Downflow", 2003ASPC..286..355P [ADS](#)
- Rimmele, T., Keil, S. L., Keller, C., et al., "Science Objectives and Technical Challenges of the Advanced Technology Solar Telescope (Invited review)", 2003ASPC..286..3R [ADS](#)
- Allen, J. E., Penn, M. J., Michael, B. P., Branston, D., & Ceja, J., "Polarization of the Sodium D-Lines in Mercury's Atmosphere", 2002DPS...34.0803A [ADS](#)
- Judge, P. G., Tomczyk, S., Livingston, W. C., Keller, C. U., & Penn, M. J., "Spectroscopic Detection of the 3.934 Micron Line of Si IX in the Solar Corona", 2002ApJ...576L.157J [ADS](#)
- Penn, M. J., "He I 1083nm Spectra of an Erupting Prominence", 2002AAS...200.3713P [ADS](#)
- Penn, M. J., Ceja, J. A., Bell, E., Frye, G., & Linck, R., "Infrared Spectroscopy from San Fernando Observatory: He I 1083 nm, O I 1316 nm, and Fe I 1565 nm", 2002SoPh..205..53P [ADS](#)
- Cabrera, B., Abusaidi, R., Akerib, D. S., et al., "Status of CDMS search for dark matter WIMPs", 2001ATPC..586..107C [ADS](#)
- Schnee, R. W., Abusaidi, R., Akerib, D. S., et al., "Limits on the Wimp-Nucleon Cross-Section from the Cryogenic Dark Matter Search", 2001cosm.conf..99S [ADS](#)
- Lindsey, C., Harvey, K. L., Braun, D., et al.: 2001, *Helioseismic Holography and a Study of the Process of Magnetic Flux Disappearance in Canceling Bipoles*, Technical Report, SOPC-nasa-97029.f7 2001STIN..0156300L [ADS](#)
- Penn, M. J., "An Erupting Active Region Filament: Three-Dimensional Trajectory and Hydrogen Column Density", 2000SoPh..197..313P [ADS](#)
- Allen, J. E., J., Penn, M. J., Michael, B. P., & Branston, D., "High-Resolution Spectra of Sodium in Mercury's Atmosphere", 2000DPS...32.2406A [ADS](#)
- Lin, H., Penn, M. J., & Tomczyk, S., "A New Precise Measurement of the Coronal Magnetic Field Strength", 2000ApJ...541L..83L [ADS](#)
- Abusaidi, R., Akerib, D. S., Barnes, P. D., et al., "Exclusion Limits on the WIMP-Nucleon Cross Section from the Cryogenic Dark Matter Search", 2000PhRvL..84.5699A [ADS](#)
- Penn, M. J., "An Erupting Active Region Filament: Three-Dimensional Trajectory and Hydrogen Column Density", 2000SPD...31.0268P [ADS](#)
- Harvey, K. L., Jones, H. P., Schrijver, C. J., & Penn, M. J., "Does Magnetic Flux Submerge at Flux Cancellation Sites?", 1999SoPh..190..35H [ADS](#)
- Penn, M. J., "New Measurements of the Solar Limb Emission in the O I 777.4 and 844.6 Nanometer Lines", 1999ApJ...518L.131P [ADS](#)
- Wood, C. H., Habbal, S. R., Esser, R., & Penn, M., "Comparison of Fe λ 5303, λ 6374 and λ 7892 spectral line observations in a coronal hole and streamer", 1999AIPC..471..293W [ADS](#)
- Penn, M. J., "Disk Center Eruptive Filament Line Profile Observations", 1999AAS...19410106P [ADS](#)
- Sonnenschein, A., Bauer, D. A., Caldwell, D. O., et al., "Results of the Cryogenic Dark Matter Search (CDMS) Obtained with Thermistor-Instrumented Germanium Calorimeters", 1999idm..conf..347S [ADS](#)
- Akerib, D. S., Barnes, P. D., J., Bauer, D. A., et al., "Preliminary limits on the WIMP-nucleon cross section from the cryogenic dark matter search (CDMS).", 1999NuPhS..70..64A [ADS](#)
- Akerib, D. S., Barnes, P. D., J., Bauer, D. A., et al., "Limits on the WIMP-Nucleon Cross Section from the Cryogenic Dark Matter Search", 1998tx19.confE.271A [ADS](#)
- Schnee, R. W., Akerib, D. S., Barnes, P. D., J., et al., "Results and status of the Cryogenic Dark Matter Search (CDMS).", 1998PhR...307..283S [ADS](#)
- Golwala, S. R., Dasilva, A., Gaitskell, R. J., et al., "Constraints on the Presence of WIMPs in the Galactic Halo from the Cryogenic Dark Matter Search", 1998AAS...193.6105G [ADS](#)
- Andretta, V., Jordan, S. D., Muglach, K., et al., "The Helium Spectrum in the Quiet Sun: The January 16/17 and May 7-13 1997 Coordinated SOHO/Ground-Based Observational Campaigns", 1998ASPC..155..336A [ADS](#)
- Penn, M., Altrock, R. C., Henry, T., & Guhathakurta, M., "Synoptic Coronal Temperature; Magnetic Field and He I 1083 NM Observations", 1998ASPC..140..325P [ADS](#)
- Halas, C. D., Habbal, S. R., Penn, M., et al., "Electron Temperature Distribution in Coronal Holes", 1997AAS..191.7413H [ADS](#)
- Jones, H. P., Andretta, V., Jordan, S. D., & Penn, M. J., "Comparison of NSO/KPVT 1083 NM and SOHO/CDS/SUMER Observations of a Coronal Hole.", 1997AAS..191.7304J [ADS](#)
- Penn, M. J. & Allen, C. L., "H i 1083 NM Oscillations and Downflows Near the North Solar Pole", 1997SoPh..174..359P [ADS](#)
- Allen, J. E., J., Penn, M. J., Branston, D., & Disanti, M. A., "Polarized Resonance Fluorescence of Comet Hale-Bopp", 1997DPS...29.3719A [ADS](#)
- Penn, M. J. & Jones, H. P., "Quiet Sun He I 1083 NM Chromospheric Events", 1997SPD...28.1303P [ADS](#)
- Jones, H. P., Winters, W. F., Penn, M. J., & Schwitters, J. D., "Reduction and Analysis of He I 1083 NM Spectra-Spectroheliograms", 1997SPD...28.0225J [ADS](#)
- Harvey, K. L., Penn, M., Tarbell, T., et al., "The Height and Temporal Structure of X-Ray Bright Points", 1997SPD...28.0124H [ADS](#)
- Jochum, J., Barnes, P. D., J., Dasilva, A., et al., "Looking for WIMPs: The Cryogenic Dark Matter Search", 1997dmap.conf..445J [ADS](#)
- Penn, M. J., "Quiet Sun HEL 1083 NM Chromospheric Flows", 1997ESASP.404..583P [ADS](#)
- Andretta, V., Jordan, S. D., Jones, H. P., & Penn, M. J., "Investigating the Formation of the Helium Spectrum with Coordinated SOHO/Kitt Peak/Sacramento Peak Observations", 1997ESASP.404..163A [ADS](#)
- Shutt, T., Akerib, D. S., Barnes, P. D., J., et al., "Progress of the Cryogenic Dark Matter Search (CDMS) experiment", 1996NuPhS..51..318S [ADS](#)
- Penn, M. J. & Jones, H. P., "Limb Observations of HE I 1083 NM", 1996SoPh..168..19P [ADS](#)
- Dupree, A. K., Penn, M. J., & Jones, H. P., "He i 1080 Angstrom Wing Asymmetry in Polar Coronal Holes: Evidence for Radial Outflows", 1996ApJ...467L.121D [ADS](#)
- Lin, H., Kuhn, J. R., & Penn, M., "He I 1080 Angstroms Polarimetry of Filament", 1996AAS...188.8001L [ADS](#)
- Penn, M. & Jones, H., "Limb Observations of He I 1083nm", 1996AAS...188.7906P [ADS](#)
- Barnes, P. D., da Silva, A., Akerib, D. S., et al., "Installation of the Cryogenic Dark Matter Search (CDMS)", 1996NIMPA.370..233B [ADS](#)
- Kuhn, J. R., Penn, M. J., & Mann, I., "The Near-Infrared Coronal Spectrum", 1996ApJ...456L..67K [ADS](#)
- Mann, I., Kuhn, J. R., & Penn, M. J., "Infrared Spectroscopic Observations of Neutral Helium during the 1994 Eclipse", 1996ASPC..104..345M [ADS](#)
- Penn, M. & Kuhn, J., "Mapping Prominence Magnetic Fields: New He I 1083 nm Data", 1995SPD...26..618P [ADS](#)
- Kuhn, J., Penn, M., & Mann, I., "The Near Infrared Coronal Spectrum: Results from the 1994 Eclipse", 1995SPD...26..609K [ADS](#)
- Penn, M. J. & Kuhn, J. R., "Imaging Spectropolarimetry of the He i 1083 Nanometer Line in a Flaring Solar Active Region", 1995ApJ...441L..51P [ADS](#)
- Penn, M. J. & Kuhn, J. R., "Polarimetric IR Array Observations of a Flare", 1995itsa.conf..393P [ADS](#)
- Penn, M. J., "New Observations of IR Coronal Emission Lines", 1995itsa.conf..69P [ADS](#)
- , "Infrared tools for solar astrophysics: What's next?", 1995itsa.conf....K [ADS](#)
- Penn, M. J., Arnaud, J., Mickey, D. L., & Labonte, B. J., "Near-Infrared Emission-Line and Continuum Observations from the 1991 Eclipse", 1994ApJ...436..368P [ADS](#)
- Penn, M. J., Kuhn, J. R., Arnaud, J., Mickey, D. L., & Labonte, B. J., "Coronal electron density measurements using the near-ir [Fe XIII] emission lines", 1994SSRv...70..185P [ADS](#)
- Penn, M. J. & Kuhn, J. R., "Ground-based Detection of an Infrared [Si x] Coronal Emission Line and Improved Wavelengths for the Infrared [Fe xiii] Emission Lines", 1994ApJ...434..807P [ADS](#)
- Kuhn, J. R., Balasubramaniam, K. S., Kopp, G., et al., "Removing Instrumental Polarization from Infrared Solar Polarimetric Observations", 1994SoPh..153..143K [ADS](#)
- Penn, M. J. & Kuhn, J. R., "How bright is the [Si X] 1431 nm coronal emission line?", 1994SoPh..151..51P [ADS](#)
- Penn, M. J. & Labonte, B. J., "The Source of 5 Minute Period Photospheric Umbral Oscillations", 1993ApJ...415..383P [ADS](#)

- Penn, M. J., Arnaud, J., Mickey, D. L., & Labonte, B. J., “*Coronal Electron Density Measurements from the Total Solar Eclipse of 11 July 1991*”, 1993BAAS...25.1210P [ADS](#)
- Penn, M. J., “*The Source of Five-Minute Period Photospheric Umbral Oscillations*”, 1993PASP..105..443P [ADS](#)
- Penn, M. J.: 1992, “*The Source of Five-Minute Period Photospheric Umbral Oscillations*”, Ph.D. thesis, University of Hawaii, Manoa 1992PhDT.....4P [ADS](#)
- Penn, M. J. & Labonte, B. J., “*Properties of 5 Minute Period Oscillations in Sunspot Umbras*”, 1992AAS...180.0603P [ADS](#)
- Penn, M. J., Mickey, D. L., Canfield, R. C., & Labonte, B. J., “*The Mees CCD imaging spectrograph*”, 1991SoPh..135..163P [ADS](#)
- Penn, M. & Labonte, B., “*Analysis of p-modes in a Sunspot Umbra*”, 1991BAAS...23.1049P [ADS](#)
- Canfield, R. C., Penn, M. J., Wulser, J.-P., & Kiplinger, A. L., “*H alpha Spectra of Dynamic Chromospheric Processes in Five Well-observed X-Ray Flares*”, 1990ApJ...363..318C [ADS](#)
- Penn, M. J., Mickey, D. L., & Canfield, R. C., “*Capabilities of the MCCD System at Mees Solar Observatory*”, 1990BAAS...22..880P [ADS](#)
- Canfield, R. C., Mickey, D. L., Penn, M. J., & Wüller, J. P., “*H α Flare Observations with the Mees CCD Imaging Spectrograph*”, 1990BAAS...22..809C [ADS](#)
- Penn, M. J. & Labonte, B. J., “*Moat Flows Using Magnetic Tracers*”, 1988BAAS...20..680P [ADS](#)
- Libbrecht, K. G., Popp, B. D., Kaufman, J. M., & Penn, M. J., “*The excitation and damping of solar oscillations*”, 1986Natur.323..235L [ADS](#)