

Bibliography from ADS file: hudson.bib
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- Hudson, H. S., Mulay, S. M., Fletcher, L., et al., “Fast prograde coronal flows in solar active regions”, 2022MNRAS.515L..84H [ADS](#)
- Martínez Oliveros, J. C., Guevara Gómez, J. C., Saint-Hilaire, P., Hudson, H., & Krucker, S., “Observations of Thomson Scattering from a Loop-prominence System”, 2022ApJ...936...56M [ADS](#)
- Paterson, S., Krucker, S., Grefenstette, B., et al., “NuSTAR observations of small-scale phenomena in the quiet Sun”, 2022cosp...44.2561P [ADS](#)
- Hannah, I., Sterling, A., Grefenstette, B., et al., “NuSTAR observations of a quiet Sun minifilament eruption”, 2022cosp...44.2538H [ADS](#)
- Veronig, A., Hudson, H. S., Odert, P., et al., “Detecting stellar CMEs through post-flare coronal dimmings”, 2022cosp...44.1379V [ADS](#)
- Hudson, H., “Solar Guidance for Stellar CMEs”, 2022cosp...44.1356H [ADS](#)
- Milligan, R., Hudson, H. S., Chamberlin, P., & Hayes, L., “Variability of Lyman-alpha Emission During Solar Flares and Implications for Planetary Atmospheres”, 2022cosp...44..833M [ADS](#)
- Hudson, H. S., Petricolas, L., Johnson, C., et al., “The Eclipse Megamovie Project (2017)”, 2022arXiv220713704H [ADS](#)
- Hudson, H., Petricolas, L., Johnson, C., et al., “The eclipse Megamovie Project (2017)”, 2021JAHH...24.1080H [ADS](#)
- Saint-Hilaire, P., Martínez Oliveros, J. C., & Hudson, H. S., “Thomson Scattering in the Lower Corona in the Presence of Sunspots”, 2021ApJ...923..276S [ADS](#)
- Zeitohn, H., Briggs, M., Veres, P., Hudson, H., & Lesage, S., “Finding Fast Gamma-ray Variability in Solar Flares”, 2021AGUFMSH35E2122Z [ADS](#)
- Kerr, G., Allred, J., Milligan, R., Kowalski, A., & Hudson, H., “Revisting the Orrall-Zirker Effect: Identifying the suprathermal proton distribution during solar flares from Lyman line emission”, 2021AGUFMSH23B..04K [ADS](#)
- Cooper, K., Hannah, I., Grefenstette, B., et al., “NuSTAR Observations of a Repeatedly Microflaring Active Region”, 2021AGUFMSH22B..03C [ADS](#)
- Hudson, H., Fletcher, L., Hannah, I., Hayes, L., & Simoes, P., “Hot onsets of solar flares”, 2021AGUFMSH22B..02H [ADS](#)
- Veronig, A., Odert, P., Leitzinger, M., et al., “Detection of stellar CMEs through post-flare coronal dimmings”, 2021AGUFM.U43B..07V [ADS](#)
- Toriumi, S., Airapetian, V., Hudson, H., et al., “Sun-as-a-star Spectral Irradiance Observations of Transiting Active Regions: a Milestone for Characterization of Stellar Active Regions”, 2021AGUFM.U43B..05T [ADS](#)
- Cooper, K., Hannah, I. G., Grefenstette, B. W., et al., “NuSTAR observations of a repeatedly microflaring active region”, 2021MNRAS.507.3936C [ADS](#)
- Hudson, H. S., “Carrington Events”, 2021ARA&A..59..445H [ADS](#)
- Toriumi, S., Airapetian, V., Hudson, H., et al., “Sun-as-a-star Spectral Irradiance Observations: Milestone For Characterizing The Stellar Active Regions”, 2021AA...23820503T [ADS](#)
- Hudson, H., Briggs, M., Chitta, L., et al., “Characterizing a “Solar FRB””, 2021AA...23812716H [ADS](#)
- Oliver, E. W., Fletcher, L., & Hudson, H. S., “Carrington’s lost photograph”, 2021A&G...62.2.40C [ADS](#)
- Hudson, H., “Carrington Events”, 2021csss.confE.162H [ADS](#)
- Hudson, H., “Carrington Events”, 2021csss.confE.149H [ADS](#)
- Toriumi, S., Airapetian, V. S., Hudson, H. S., et al., “Sun-as-a-star Multi-wavelength Observations: A Milestone for Characterization of Stellar Active Regions”, 2021csss.confE..46T [ADS](#)
- Hudson, H. S., Simões, P. J. A., Fletcher, L., Hayes, L. A., & Hannah, I. G., “Hot X-ray onsets of solar flares”, 2021MNRAS.501.1273H [ADS](#)
- Duncan, J., Glesener, L., Grefenstette, B. W., et al., “NuSTAR Observation of Energy Release in 11 Solar Microflares”, 2021ApJ...908..29D [ADS](#)
- Veronig, A. M., Odert, P., Leitzinger, M., et al., “Indications of stellar coronal mass ejections through coronal dimmings”, 2021NatAs...5..697V [ADS](#)
- Hudson, H. S., Simoes, P. J. D. A., Fletcher, L., Hayes, L., & Hannah, I. G., “Hot Onsets of Solar Flares”, 2020AGUFMSH0500003H [ADS](#)
- Duncan, J. M., Glesener, L., Grefenstette, B., et al., “NuSTAR Observation of Eleven Solar Microflares”, 2020AGUFMSH045..07D [ADS](#)
- Hudson, H. S., “Solar Flare Build-Up and Release”, 2020SoPh..295..132H [ADS](#)
- Toriumi, S., Airapetian, V. S., Hudson, H. S., et al., “Sun-as-a-star Spectral Irradiance Observations of Transiting Active Regions”, 2020ApJ...902..36T [ADS](#)
- Kerr, G. S., Alaoui, M., Allred, J. C., et al., “Solar Flare Energy Partitioning and Transport – the Gradual Phase (a Heliophysics 2050 White Paper)”, 2020arXiv200908407K [ADS](#)
- Kerr, G. S., Alaoui, M., Allred, J. C., et al., “Solar Flare Energy Partitioning and Transport – the Impulsive Phase (a Heliophysics 2050 White Paper)”, 2020arXiv200908400K [ADS](#)
- Kazachenko, M. D. & Hudson, H. S., “Active Region Irradiance during Quiescent Periods: New Insights from Sun-as-a-star Spectra”, 2020ApJ...901..64K [ADS](#)
- Hayes, L., Hudson, H., Simoes, P., Fletcher, L., & Hannah, I., “Hot X-ray Onsets of Solar Flares”, 2020SPD...5121113H [ADS](#)
- Cooper, K., Hannah, I., Grefenstette, B., et al., “NuSTAR X-ray Observations of a Minuscule Microflare from a Repeatedly Microflaring Active Region”, 2020SPD...5121101C [ADS](#)
- Paterson, S., Hannah, I., Grefenstette, B., et al., “NuSTAR Observation of Quiet Sun X-ray Bright Points”, 2020SPD...5121013P [ADS](#)
- Milligan, R. O., Hudson, H. S., Chamberlin, P. C., Hannah, I. G., & Hayes, L. A., “Lyman-alpha Variability During Solar Flares Over Solar Cycle 24 Using GOES-15/EUVS-E”, 2020SpWea..1802331M [ADS](#)
- Cooper, K., Hannah, I. G., Grefenstette, B. W., et al., “NuSTAR Observation of a Minuscule Microflare in a Solar Active Region”, 2020ApJ...893L..40C [ADS](#)
- Glesener, L., Krucker, S., Duncan, J., et al., “Accelerated Electrons Observed Down to <7 keV in a NuSTAR Solar Microflare”, 2020ApJ...891L..34G [ADS](#)
- Hudson, H. S., MacKinnon, A., Szydlarski, M., & Carlsson, M., “Cosmic ray interactions in the solar atmosphere”, 2020MNRAS.491.4852H [ADS](#)
- Hudson, H. S., “A correlation in the waiting-time distributions of solar flares”, 2020MNRAS.491.4435H [ADS](#)
- Hong, J., Romaine, S., Kenter, A., et al., “SmallSat Solar Axion and Activity X-ray Imager (SSAXI)”, 2020AA...23527101H [ADS](#)
- Hannah, I. G., Cooper, K., Grefenstette, B., et al., “NuSTAR observations of the quietest Sun”, 2019AGUFMSH41F3335H [ADS](#)
- Hudson, H. S., MacKinnon, A., Szydlarski, M., & Carlsson, M., “Cosmic Rays Across the Rainbow Bridge: Particle Interactions in a Magnetized Plasma Atmosphere”, 2019AGUFMSH21B..02H [ADS](#)
- Milligan, R. O., Hudson, H. S., Chamberlin, P., & Hannah, I. G., “Lyman-alpha Variability During Solar Flares Over Solar Cycle 24 Using GOES-15/EUVS-E”, 2019AGUFMSA11B3221M [ADS](#)
- Schrijver, K., Bagenal, F., Bastian, T., et al., “Principles Of Heliophysics: a textbook on the universal processes behind planetary habitability”, 2019arXiv19101402S [ADS](#)
- Hannah, I. G., Kleint, L., Krucker, S., et al., “Joint X-Ray, EUV, and UV Observations of a Small Microflare”, 2019ApJ...881..109H [ADS](#)
- Petricolas, L., Hudson, H., Johnson, C., et al., “Eclipse Megamovie 2017 Successes and Potential For Future Work”, 2019ASPC..516..337P [ADS](#)
- Glesener, L., Krucker, S., Duncan, J. M., et al., “First detection of non-thermal emission in a NuSTAR solar microflare”, 2019AA...23422503G [ADS](#)
- Christe, S., Shih, A. Y., Krucker, S., et al., “The Focusing Optics X-ray Solar Imager (FOXSI)”, 2019AA...23422501C [ADS](#)
- Duncan, J. M., Glesener, L., Hannah, I., et al., “Hard X-ray Spectroscopy of Six NuSTAR Microflares”, 2019AA...23420404D [ADS](#)
- Hudson, H. S. & MacKinnon, A. L., “Chapter 9 - High-Energy Solar Physics”, in O. Engvold, J.-C. Vial, and A. Skumanich (Eds.), The Sun as a Guide to Stellar Physics, 301–333 2019sgsp.book..301H [ADS](#)
- Hannah, I., Grefenstette, B., Glesener, L., et al., “NuSTAR’s observations of tiny flares and big eruptions”, 2018csc...confE.118H [ADS](#)
- Nindos, A., Alissandrakis, C. E., Bastian, T. S., et al., “First high-resolution look at the quiet Sun with ALMA at 3mm”, 2018AA...619L..6N [ADS](#)
- Loumou, K., Hannah, I. G., & Hudson, H. S., “The association of the Hale sector boundary with RHESSI solar flares and active longitudes”, 2018AA...618A..9L [ADS](#)
- Hudson, H. S., “The Relationship between Long-Duration Gamma-Ray Flares and Solar Cosmic Rays”, 2018IAUS..335..49H [ADS](#)
- Martínez Oliveros, J. C., Hudson, H., Krucker, S., & Guevara Gomez, J. C., “On the observation of a classical loop-prominence system during the 2017 September 10 flare”, 2018shin.confE.258M [ADS](#)
- Christe, S., Shih, A. Y., Krucker, S., et al., “The Focusing Optics X-ray Solar Imager (FOXSI)”, 2018tess.conf40444C [ADS](#)
- Hudson, H. S., “Do “Last Best” Flares Conclude Solar Cycles?”, 2018tess.conf31906H [ADS](#)
- Hudson, H. S. & MacKinnon, A., “GeV Particles in the Inner Heliosphere”, 2018tess.conf22301H [ADS](#)
- Kuhar, M., Krucker, S., Glesener, L., et al., “NuSTAR Detection of X-Ray Heating Events in the Quiet Sun”, 2018ApJ...856L..32K [ADS](#)
- Bastian, T. S., Bárta, M., Brajša, R., et al., “Exploring the Sun with ALMA”, 2018Msngr.171..25B [ADS](#)
- Hudson, H., Bender, M., Collier, B., et al., “Eclipse Megamovie 2017: How did we do?”, 2018AA...23122003H [ADS](#)
- Glesener, L., Vievering, J. T., Wright, P. J., et al., “High-Energy Aspects of Small-Scale Energy Release at the Sun”, 2017AGUFMS33E..04G [ADS](#)
- Hudson, H. S., “Solar Coronal Events with Extended Hard X-ray and Gamma-ray Emission”, 2017AGUFMSH44B..02H [ADS](#)
- Christe, S., Shih, A. Y., Krucker, S., et al., “The Focusing Optics X-ray Solar Imager (FOXSI) SMEX Mission”, 2017AGUFMSH44A..07C [ADS](#)
- Shih, A. Y., Christe, S., Krucker, S., et al., “Anticipated Results from the FOXSI SMEX Mission”, 2017AGUFMSH43C..03S [ADS](#)

- Shimojo, M., Hudson, H. S., White, S. M., Bastian, T., & Iwai, K., “*The First ALMA Observation of a Solar Plasmoid Ejection from an X-Ray Bright Point*”, 2017AGUFMSH41A2754S [ADS](#)
- Milligan, R. O., Ireland, J., Fleck, B., et al., “*Detection of 3-Minute Oscillations in Full-Disk Lyman-alpha Emission During A Solar Flare*”, 2017AGUFMSH41A2739M [ADS](#)
- Marsh, A. J., Smith, D. M., Glesener, L., et al., “*First NuSTAR Limits on Quiet Sun Hard X-Ray Transient Events*”, 2017ApJ...849..131M [ADS](#)
- Simões, P. J. A., Kerr, G. S., Fletcher, L., et al., “*Formation of the thermal infrared continuum in solar flares*”, 2017A&A...605A.125S [ADS](#)
- White, S. M., Shimojo, M., Bastian, T. S., et al., “*Solar Commissioning Observations of the Sun with ALMA*”, 2017SPD....4820402W [ADS](#)
- Toriumi, S., Schrijver, C. J., Harra, L., Hudson, H. S., & Nagashima, K., “*Magnetic Properties of Solar Active Regions that Govern Large Solar Flares and Eruptions*”, 2017SPD....4820001T [ADS](#)
- Fletcher, L., Simões, P., Kerr, G. S., et al., “*The thermal infrared continuum in solar flares*”, 2017SPD....4810821F [ADS](#)
- Glesener, L., Krucker, S., Hannah, I., et al., “*Results from NuSTAR: Dynamics and time evolution in a sub-A class hard X-ray flare*”, 2017SPD....4810803G [ADS](#)
- Wright, P. J., Hannah, I., Grefenstette, B., et al., “*Microflare Heating of an Active Region Observed with NuSTAR, Hinode/XRT, and SDO/AIA*”, 2017SPD....4810802W [ADS](#)
- Hudson, H. & Bender, M., “*The Eclipse Megamovie Project*”, 2017S&T...134b..20H [ADS](#)
- Glesener, L., Krucker, S., Hannah, I. G., et al., “*NuSTAR Hard X-Ray Observation of a Sub-A Class Solar Flare*”, 2017ApJ...845..122G [ADS](#)
- Wright, P. J., Hannah, I. G., Grefenstette, B. W., et al., “*Microflare Heating of a Solar Active Region Observed with NuSTAR, Hinode/XRT, and SDO/AIA*”, 2017ApJ...844..132W [ADS](#)
- White, S. M., Iwai, K., Phillips, N. M., et al., “*Observing the Sun with the Atacama Large Millimeter/submillimeter Array (ALMA): Fast-Scan Single-Dish Mapping*”, 2017SoPh..292..88W [ADS](#)
- Shimojo, M., Bastian, T. S., Hales, A. S., et al., “*Observing the Sun with the Atacama Large Millimeter/submillimeter Array (ALMA): High-Resolution Interferometric Imaging*”, 2017SoPh..292..87S [ADS](#)
- Battaglia, M., Hudson, H. S., Hurford, G. J., Krucker, S., & Schwartz, R. A., “*The Solar X-Ray Limb*”, 2017ApJ...843..123B [ADS](#)
- Shimojo, M., Hudson, H. S., White, S. M., Bastian, T. S., & Iwai, K., “*The First ALMA Observation of a Solar Plasmoid Ejection from an X-Ray Bright Point*”, 2017ApJ...841L..5S [ADS](#)
- Reep, J. W., Warren, H. P., Leake, J. E., et al., “*Science Objective: Understanding Energy Transport by Alfvénic Waves in Solar Flares*”, 2017arXiv170201667R [ADS](#)
- Christe, S., Krucker, S., Glesener, L., et al., “*Exploring impulsive solar magnetic energy release and particle acceleration with focused hard X-ray imaging spectroscopy*”, 2017arXiv170100792C [ADS](#)
- Kuhar, M., Krucker, S., Hannah, I. G., et al., “*Evidence of Significant Energy Input in the Late Phase of a Solar Flare from NuSTAR X-Ray Observations*”, 2017ApJ...835..6K [ADS](#)
- Toriumi, S., Schrijver, C. J., Harra, L. K., Hudson, H., & Nagashima, K., “*Magnetic Properties of Solar Active Regions That Govern Large Solar Flares and Eruptions*”, 2017ApJ...834..56T [ADS](#)
- Wang, J., Simões, P. J. A., Fletcher, L., et al., “*Arcade Implosion Caused by a Filament Eruption in a Flare*”, 2016ApJ...833..221W [ADS](#)
- Fivian, M. D., Hudson, H. S., & Krucker, S., “*RHESSI/SAS Observations of the Optical Solar Limb Over More Than 15 Years*”, 2016AGUFMSH42B..08F [ADS](#)
- Hudson, H. S., Chamberlin, P. C., MacKinnon, A., & Woods, T. N., “*EVE Doppler Signatures in X-class Flares*”, 2016AGUFMSH13A2291H [ADS](#)
- Glesener, L., Christe, S., Shih, A. Y., et al., “*Focusing Solar Hard X-rays: Expected Results from a FOXSI Spacecraft*”, 2016AGUFMSH13A2282G [ADS](#)
- Christe, S., Shih, A. Y., Krucker, S., et al., “*The Focusing Optics X-ray Solar Imager (FOXSI) SMEX Mission*”, 2016AGUFMSH13A2281C [ADS](#)
- Hannah, I. G., Grefenstette, B., Glesener, L., et al., “*NuSTAR’s X-ray search for high energy emission from weakly flaring active regions*”, 2016AGUFMSH11D..07H [ADS](#)
- Russell, A. J. B., Mooney, M. K., Leake, J. E., & Hudson, H. S., “*Sunquake Generation by Coronal Magnetic Restructuring*”, 2016ApJ...831..42R [ADS](#)
- Toriumi, S., Schrijver, C. J., Harra, L. K., Hudson, H., & Nagashima, K., “*Properties and Developments of Flaring Active Regions*”, 2016usc..confE..15T [ADS](#)
- Liu, C., Xu, Y., Cao, W., et al., “*Flare differentially rotates sunspot on Sun’s surface*”, 2016NatCo...713104L [ADS](#)
- Harra, L. K., Schrijver, C. J., Janvier, M., et al., “*The Characteristics of Solar X-Class Flares and CMEs: A Paradigm for Stellar Superflares and Eruptions?*”, 2016SoPh..291.1761H [ADS](#)
- Grefenstette, B. W., Glesener, L., Krucker, S., et al., “*The First Focused Hard X-ray Images of the Sun with NuSTAR*”, 2016ApJ...826...20G [ADS](#)
- Hudson, H., Krucker, S., Penn, M., & Simoes, P., “*Implications Of The Mid-IR For ALMA Flare Observations*”, 2016csss.confE..49H [ADS](#)
- Hudson, H. S., “*Chasing White-Light Flares*”, 2016SoPh..291.1273H [ADS](#)
- Glesener, L., Krucker, S., Hannah, I., et al., “*The smallest hard X-ray flare?*”, 2016SPD....4740302G [ADS](#)
- Fivian, M., Hudson, H. S., & Krucker, S., “*RHESSI/SAS Observations of the Optical Solar Limb Over More Than 14 Years*”, 2016SPD....47.1204F [ADS](#)
- Shih, A. Y., Christe, S., Alaoui, M., et al., “*Science Objectives of the FOXSI Small Explorer Mission Concept*”, 2016SPD....47.0814S [ADS](#)
- Martínez Oliveros, J. C., Hudson, H. S., & Krucker, S., “*White-light flares, Hard X-Rays, and Heights*”, 2016SPD....47.0617M [ADS](#)
- Liu, C., Xu, Y., Deng, N., et al., “*BBSO/NST Observations of the Sudden Differential Rotation of a Sunspot Caused by a Major Flare*”, 2016SPD....47.0615L [ADS](#)
- Wedemeyer, S., Bastian, T., Brajša, R., et al., “*Solar Science with the Atacama Large Millimeter/Submillimeter Array-A New View of Our Sun*”, 2016SSRv..200...1W [ADS](#)
- Kobelksi, A., Bastian, T. S., Bártá, M., et al., “*Solar Observations with the Atacama Large Millimeter/submillimeter Array (ALMA)*”, 2016ASPC..504..327K [ADS](#)
- Hannah, I. G., Grefenstette, B. W., Smith, D. M., et al., “*The First X-Ray Imaging Spectroscopy of Quiescent Solar Active Regions with NuSTAR*”, 2016ApJ...820L..14H [ADS](#)
- Penn, M., Krucker, S., Hudson, H., et al., “*Spectral and Imaging Observations of a White-light Solar Flare in the Mid-infrared*”, 2016ApJ...819L..30P [ADS](#)
- Wedemeyer, S., Fleck, B., Battaglia, M., et al., “*ALMA Observations of the Sun in Cycle 4 and Beyond*”, 2016arXiv160100587W [ADS](#)
- Kuhar, M., Krucker, S., Martínez Oliveros, J. C., et al., “*Correlation of Hard X-Ray and White Light Emission in Solar Flares*”, 2016ApJ...816....6K [ADS](#)
- Simões, P. J. A., Hudson, H. S., & Fletcher, L., “*Soft X-Ray Pulsations in Solar Flares*”, 2015SoPh..290.3625S [ADS](#)
- Hudson, H. S., “*Švestka’s Research Then and Now. Invited Review*”, 2015SoPh..290.3383H [ADS](#)
- Wedemeyer, S., Bastian, T., Brajša, R., et al., “*SSALMON - The Solar Simulations for the Atacama Large Millimeter Observatory Network*”, 2015AdSpR..56.2679W [ADS](#)
- Phillips, N., Hills, R., Bastian, T., et al., “*Fast Single-Dish Scans of the Sun Using ALMA*”, 2015ASPC..499..347P [ADS](#)
- Wedemeyer, S., Bastian, T., Brajša, R., et al., “*Solar ALMA Observations - A New View of Our Host Star*”, 2015ASPC..499..345W [ADS](#)
- Martínez Oliveros, J. C., Hudson, H. S., & Krucker, S., “*SDO/HMI – RHESSI White-Light Flare Catalog: Matsushita Analysis*”, 2015AGUFMSH52A..05M [ADS](#)
- Inglis, A. R., Christe, S., Glesener, L., et al., “*Capabilities of a FOXSI Small Explorer*”, 2015AGUFMSH43B2456I [ADS](#)
- Hannah, I. G., Grefenstette, B., Smith, D. M., et al., “*NuSTAR X-ray observations of small flares and non-flaring active regions*”, 2015AGUFMSH31D..03H [ADS](#)
- Russell, A. J. B., Mooney, M., Leake, J. E., & Hudson, H. S., “*Sunquake Generation by Coronal Magnetic Restructuring*”, 2015AGUFMSH22A..05R [ADS](#)
- Hannah, I. G., Wright, P. J., Grefenstette, B., et al., “*EUV & X-ray observations of microflare heating of AR12333*”, 2015AGUFMSH13B2442H [ADS](#)
- Marsh, A., Smith, D. M., Glesener, L., et al., “*The NuSTAR Sensitivity to Quiet-Sun Transient Events*”, 2015AGUFMSH13B2441M [ADS](#)
- Hudson, H. S., “*Solar extreme events*”, 2015JPhCS.632a2058H [ADS](#)
- van Driel-Gesztelyi, L., Schrijver, K. J., Klimchuk, J. A., et al., “*Division II: Commission 10: Solar Activity*”, 2015IAUTB..28..106V [ADS](#)
- Bastian, T. S., Barta, M., Brajša, R., et al., “*The Atacama Large Millimeter/Submillimeter Array: a New Asset for Solar and Heliospheric Physics*”, 2015IAUGA..2257295B [ADS](#)
- Wedemeyer, S., Brajša, R., Bastian, T. S., et al., “*Solar ALMA observations - A revolutionizing new view at our host star*”, 2015IAUGA..2256732W [ADS](#)
- Hudson, H., Vilmer, N., & Wakeford, P., “*Radio Observations of the CME-poor region AR2192: a type II burst with no CME driver*”, 2015TESS....140803H [ADS](#)
- Martínez Oliveros, J. C., Hudson, H., & Saint Hilaire, P., “*SDO/HMI - RHESSI White-Light Flare Catalog: First Results*”, 2015TESS....130904M [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](#)
- Marsh, A., Hannah, I., Glesener, L., et al., “*High-sensitivity search for transient solar X-ray emission with NuSTAR*”, 2015TESS....121302M [ADS](#)
- Hannah, I., Marsh, A., Glesener, L., et al., “*Hard X-ray imaging spectroscopy of hot coronal sources and active regions with NuSTAR*”, 2015TESS....120402H [ADS](#)

- Fivian, M. D., Hudson, H., & Krucker, S., “Sub-Milli Arcsecond Resolution Observations of the Optical Solar Limb with RHESSI/SAS”, 2015TESS....120325F [ADS](#)
- McIntosh, S. W., Leamon, R. J., Krista, L. D., et al., “The solar magnetic activity band interaction and instabilities that shape quasi-periodic variability”, 2015NatCo...6.6491M [ADS](#)
- Hudson, H. S., “Svestka’s Research: Then and Now”, 2015arXiv150304452H [ADS](#)
- Krucker, S., Saint-Hilaire, P., Hudson, H. S., et al., “Co-Spatial White Light and Hard X-Ray Flare Footpoints Seen Above the Solar Limb”, 2015ApJ...802...19K [ADS](#)
- Oka, M., Krucker, S., Hudson, H. S., & Saint-Hilaire, P., “Electron Energy Partition in the Above-the-looptop Solar Hard X-Ray Sources”, 2015ApJ...799..1290 [ADS](#)
- Hudson, H. S., Svalgaard, L., & Hannah, I. G., “Solar Sector Structure”, in A. Balogh, H. Hudson, K. Petrovay, and R. von Steiger (Eds.), The Solar Activity Cycle, Vol. 53, 17 2015sac..book...17H [ADS](#)
- Balogh, A., Hudson, H. S., Petrovay, K., & von Steiger, R., “Introduction to the Solar Activity Cycle: Overview of Causes and Consequences”, in A. Balogh, H. Hudson, K. Petrovay, and R. von Steiger (Eds.), The Solar Activity Cycle, Vol. 53, 1 2015sac..book...1B [ADS](#)
- Balogh, A., Hudson, H., Petrovay, K., & von Steiger, R.: 2015b, *The Solar Activity Cycle*, Vol. 53 2015sac..book....B [ADS](#)
- Hudson, H. S., Svalgaard, L., & Hannah, I. G., “Solar Sector Structure”, 2014SSRv...186...17H [ADS](#)
- Balogh, A., Hudson, H. S., Petrovay, K., & von Steiger, R., “Introduction to the Solar Activity Cycle: Overview of Causes and Consequences”, 2014SSRv...186...1B [ADS](#)
- Fivian, M. D. & Hudson, H. S., “RHESSI/SAS Observations of the Optical Solar Limb Over a Full Solar Cycle”, 2014AGUFMSH41C4156F [ADS](#)
- Krucker, S., Saint-Hilaire, P., Hudson, H. S., et al., “Hmi and Rhessi Measurements of the Radial Location of Solar Flare Footpoints to Subarcsecond Accuracy”, 2014AGUFMSH31C..05K [ADS](#)
- Oka, M., Krucker, S., Hudson, H. S., & Saint-Hilaire, P., “Electron Energy Partition in the Above-the-looptop Solar Hard X-ray Sources”, 2014AGUFMSH23A41470 [ADS](#)
- Marsh, A., Hannah, I. G., Glesener, L., et al., “NuSTAR’s First Solar Observations: Search for Transient Brightenings / Nanoflares”, 2014AGUFMSH13C4129M [ADS](#)
- Hudson, H. S., Simoes, P. J. D. A., & Kukstas, E., “Wavelengths for EVE coronal dimming signatures”, 2014AGUFMSH13B4111H [ADS](#)
- Marsh, A., Hannah, I. G., Glesener, L., et al., “NuSTAR’s first solar observations: Search for a high energy X-ray component to the “non-flaring” Sun”, 2014AGUFMSH12A..04M [ADS](#)
- Glesener, L., Oka, M., Krucker, S., & Hudson, H. S., “Statistical Study of Coronal Hard X-ray Source Heights and Fluxes”, 2014AGUFMSH11D..03G [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](#)
- Schwartz, R. A., Hudson, H. S., Tolbert, A. K., & Dennis, B. R., “MESSENGER soft X-ray observations of the quiet solar corona”, 2014AAS...22432349S [ADS](#)
- Fivian, M. & Hudson, H. S., “RHESSI/SAS Observations of the Optical Solar Limb Over a Full Solar Cycle”, 2014AAS...22421827F [ADS](#)
- Hudson, H. S., Hannah, I., & Schrijver, K., “CME Mass Estimates via EVE Coronal Dimmings for X-class Flares”, 2014AAS...22421810H [ADS](#)
- Glesener, L., Caspi, A., Christe, S., et al., “Current and future solar observation using focusing hard X-ray imagers”, 2014AAS...22412364G [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](#)
- Martínez Oliveros, J. C., Saint-Hilaire, P., Couvidat, S., Hudson, H. S., & Krucker, S., “Chromospheric and Coronal HMI Flare Sources”, 2014AAS...22412331M [ADS](#)
- Saint-Hilaire, P., Schou, J., Martínez Oliveros, J. C., et al., “Helioseismic and Magnetic Imager Observations of Linear Polarization from a Loop Prominence System”, 2014AAS...22412311S [ADS](#)
- Lindsey, C., Donea, A. C., Martínez Oliveros, J. C., & Hudson, H. S., “The Role of Magnetic Fields in Transient Seismic Emission Driven by Atmospheric Heating in Flares”, 2014SoPh..289.1457L [ADS](#)
- Saint-Hilaire, P., Schou, J., Martínez Oliveros, J.-C., et al., “Observations of Linear Polarization in a Solar Coronal Loop Prominence System Observed near 6173 Å”, 2014ApJ...786L..19S [ADS](#)
- Hudson, H., Fletcher, L., & McTiernan, J., “Cycle 23 Variation in Solar Flare Productivity”, 2014SoPh..289.1341H [ADS](#)
- Martínez Oliveros, J. C., Lindsey, C., Hudson, H. S., & Buitrago Casas, J. C., “Transient Artifacts in a Flare Observed by the Helioseismic and Magnetic Imager on the Solar Dynamics Observatory”, 2014SoPh..289..809M [ADS](#)
- Labrosse, N., Hudson, H., & Kazachenko, M., “Prominences in SDO/EVE spectra: contributions from large solar structures”, 2014IAUS..300..439L [ADS](#)
- Martínez Oliveros, J.-C., Krucker, S., Hudson, H. S., et al., “Chromospheric and Coronal Observations of Solar Flares with the Helioseismic and Magnetic Imager”, 2014ApJ...780L..28M [ADS](#)
- Lin, R. P., Caspi, A., Krucker, S., et al., “Solar Eruptive Events (SEE) 2020 Mission Concept”, 2013arXiv1311.5243L [ADS](#)
- Simões, P. J. A., Fletcher, L., Hudson, H. S., & Russell, A. J. B., “Implosion of Coronal Loops during the Impulsive Phase of a Solar Flare”, 2013ApJ...777..152S [ADS](#)
- Fivian, M. & Hudson, H. S., “Photospheric Temperature Variations near the Solar Limb II”, 2013SPD....44..121F [ADS](#)
- Hudson, H. S., Battaglia, M., Hurford, G. J., Krucker, S., & Schwartz, R. A., “Using X-ray absorption to measure the height of the solar atmosphere”, 2013SPD....44..117H [ADS](#)
- Martínez Oliveros, J. C., Glesener, L., Hudson, H. S., Krucker, S., & Hurford, G. J., “White-light and Hard X-ray source heights of the SOL2011-01-28T00:24 solar flare”, 2013SPD....44..86M [ADS](#)
- Fletcher, L., Kowalski, A., Cauzzi, G., Hawley, S. L., & Hudson, H. S., “The properties of flare kernels observed by the Dunn Solar Telescope”, 2013SPD....44..67F [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](#)
- Fletcher, L., Hannah, I. G., Hudson, H. S., & Innes, D. E., “Flare Ribbon Energetics in the Early Phase of an SDO Flare”, 2013ApJ...771..104F [ADS](#)
- Hudson, H. S., MacKinnon, A. L., & Badnell, N. R., “Remote sensing of low-energy SEPs via charge exchange”, 2013AIPC.1539...19H [ADS](#)
- Didkovsky, L., Judge, D., Wieman, S., et al., “Coronal Post-Flare Dynamics for 14 August 2010 Late Phase of the Coronal Dimming Event”, 2013enss.confE..22D [ADS](#)
- Krucker, S., Giménez de Castro, C. G., Hudson, H. S., et al., “Solar flares at submillimeter wavelengths”, 2013A&ARv..21..58K [ADS](#)
- Poppenhaeger, K., Günther, H. M., Beiersdorfer, P., et al., “Non-thermal processes in coronae and beyond”, 2013AN...334..101P [ADS](#)
- Smith, D. M., Csillaghay, A., Hurley, K., et al., “GRB 130427A: RHESSI observations.”, 2013GCN.14590....1S [ADS](#)
- Glesener, L., Boggs, S. E., Christensen, F., et al., “Opportunities for Solar Science with NuSTAR”, 2013AAS...22124423G [ADS](#)
- Heinzel, P. & Hudson, H. S., “Magnetism of Solar Flares and Prominences”, 2012ASPC..463..121H [ADS](#)
- Hudson, H. S., “New Coronal Developments in Flare Research”, 2012AGUFMSH42A..04H [ADS](#)
- Fivian, M. D., Hudson, H. S., & Lin, R. P., “The Solar Oblateness at Solar Minimum as Observed by RHESSI/SAS II”, 2012AGUFMSH13C2264F [ADS](#)
- Hudson, H. S., Davey, A. R., Ireland, J., et al., “A Coral Sea Rehearsal for the Eclipse Megamovie”, 2012AGUFMSH11C..06H [ADS](#)
- Alvarado-Gómez, J. D., Buitrago-Casas, J. C., Martínez-Oliveros, J. C., et al., “Magneto-Acoustic Energetics Study of the Seismically Active Flare of 15 February 2011”, 2012SoPh..280..335A [ADS](#)
- Schrijver, C. J., Beer, J., Baltensperger, U., et al., “Estimating the frequency of extremely energetic solar events, based on solar, stellar, lunar, and terrestrial records”, 2012JGRA..117.8103S [ADS](#)
- Heinzel, P., Avrett, E., Dzifcakova, E., & Hudson, H. S., “SDO/EVE spectra of solar flares”, 2012cosp...39..743H [ADS](#)
- Martínez Oliveros, J.-C., Hudson, H. S., Hurford, G. J., et al., “The Height of a White-light Flare and Its Hard X-Ray Sources”, 2012ApJ...753L..26M [ADS](#)
- Hudson, H. S., Fletcher, L., MacKinnon, A. L., & Woods, T. N., “Charge-exchange Limits on Low-energy α -particle Fluxes in Solar Flares”, 2012ApJ...752..84H [ADS](#)
- Hudson, H. S., Acton, L. W., DeLuca, E. E., et al., “X-Ray Searches for Solar Axions”, 2012ASPC..455..25H [ADS](#)
- Bryans, P., A’Hearn, M., Battams, K., et al., “The Journey of Sungrazing Comet Lovejoy”, 2012AAS...22052507B [ADS](#)
- Marsh, A., Smith, D. M., Krucker, S., et al., “Solar Hard X-ray Observations with NuSTAR”, 2012AAS...22052112M [ADS](#)
- Milligan, R. O., Chamberlin, P., Hudson, H., et al., “Solar Flare Observations of the EUV Continua”, 2012AAS...22052105M [ADS](#)
- Fletcher, L., Hannah, I. G., Hudson, H. S., & Innes, D. E., “Flare Ribbons In The Early Phase Of An SDO Flare: Emission Measure And Energetics”, 2012AAS...22050902F [ADS](#)
- Lin, R. P., Wang, L., Hudson, H., et al., “Energetic Neutral Atoms (ENAs): A new window on Solar Energetic Particle (SEP) acceleration”, 2012AAS...22042406L [ADS](#)

- Fivian, M., Hudson, H. S., & Lin, R. P., “Results and Analysis of 10 Years of RHESSI/SAS Observations of the Optical Solar Limb”, 2012AAS...22042306F [ADS](#)
- Fivian, M., Hudson, H. S., Lin, R. P., et al., “A RHESSI and SDO Campaign Measuring Latitude-dependent Limb Profiles and Oblateness of the Optical Solar Disk II”, 2012AAS...22020511F [ADS](#)
- Martínez Oliveros, J. C., Bain, H., Krucker, S., et al., “On The Energetics Of Seismic Excitation Mechanisms”, 2012AAS...22020503M [ADS](#)
- Hudson, H. S., Martínez-Oliveros, J., Krucker, S., et al., “Direct Measurement Of The Height Of A White-light Flare”, 2012AAS...22020441H [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](#)
- van Driel-Gesztelyi, L., Schrijver, C. J., Klimchuk, J. A., et al., “Commission 10: Solar Activity”, 2012IAUTA..28...69V [ADS](#)
- Krasnoselskikh, V., Abbott, W. P., Hudson, H., Vekstein, G., & Bale, S. D., “Generation of electric currents via neutral-ion drag in the chromosphere and ionosphere”, 2012AIPC.1439...42K [ADS](#)
- Hudson, H. S., “What is there before a flare?”, 2012decs.confE.119H [ADS](#)
- Hudson, H. S., Fletcher, L., Fisher, G. H., Abbott, 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](#)
- 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](#)
- Reeves, K. K., Gibson, S. E., Kucera, T. A., Hudson, H. S., & Kano, R., “Thermal Properties of a Solar Coronal Cavity Observed with the X-Ray Telescope on Hinode”, 2012ApJ...746..146R [ADS](#)
- Schrijver, C. J., Brown, J. C., Battams, K., et al., “Destruction of Sun-Grazing Comet C/2011 N3 (SOHO) Within the Low Solar Corona”, 2012Sci...335..324S [ADS](#)
- Fletcher, L., Hudson, H., Cauzzi, G., et al., “Splinter Session “Solar and Stellar Flares””, 2011ASPC..448..441F [ADS](#)
- Hudson, H. S., Fletcher, L., MacKinnon, A., & Woods, T. N., “Non-Observation of the He II 304 Å Charge-Exchange Continuum in Major Solar Flares”, 2011AGUFMSH41A1909H [ADS](#)
- Ishikawa, S., Krucker, S., Ohno, M., et al., “Suzaku/WAM and RHESSI observation of non-thermal electrons in solar microflares”, 2011AGUFMSH41A1908I [ADS](#)
- Bryans, P., Pesnell, W. D., Schrijver, C. J., et al., “The EUV Emission in Comet-Solar Corona Interactions”, 2011AGUFMSH34B..05B [ADS](#)
- Fivian, M. D., Hudson, H. S., & Lin, R. P., “Results and Analysis of the RHESSI/SAS Observations of the Optical Solar Limb”, 2011AGUFMSH34B..03F [ADS](#)
- Pesnell, W. D., Schrijver, C. J., Brown, J. C., et al., “Using the EUV to Weigh a Sun-grazing Comet as it Disappears in the Solar Corona”, 2011AGUFMSH33A2040P [ADS](#)
- Lindsey, C., Martínez Oliveros, J. C., & Hudson, H., “Flare Seismology from SDO Observations”, 2011sdmi.confE..10L [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](#)
- Hudson, H. S., Woods, T. N., Chamberlin, P. C., et al., “The EVE Doppler Sensitivity and Flare Observations”, 2011SoPh..273...69H [ADS](#)
- Krucker, S., Hudson, H. S., Jeffrey, N. L. S., et al., “High-resolution Imaging of Solar Flare Ribbons and Its Implication on the Thick-target Beam Model”, 2011ApJ...739...96K [ADS](#)
- Hannah, I. G., Hudson, H. S., Battaglia, M., et al., “Microflares and the Statistics of X-ray Flares”, 2011SSRv..159...263H [ADS](#)
- Fletcher, L., Dennis, B. R., Hudson, H. S., et al., “An Observational Overview of Solar Flares”, 2011SSRv..159...19F [ADS](#)
- Dennis, B. R., Emslie, A. G., & Hudson, H. S., “Overview of the Volume”, 2011SSRv..159...3D [ADS](#)
- Emslie, A. G., Dennis, B. R., Hudson, H., & Lin, R. P., “Preface”, 2011SSRv..159...1E [ADS](#)
- Smith, D. M., Krucker, S., Hurford, G., et al., “Solar Hard X-ray Observations with NuSTAR”, 2011HEAD...12.4309S [ADS](#)
- Hudson, H. S., McIntosh, S. W., Habbal, S. R., Pasachoff, J. M., & Peticolas, L., “The U.S. Eclipse Megamovie in 2017: a white paper on a unique outreach event”, 2011arXiv1108.3486H [ADS](#)
- Baylor, R. N., Cassak, P. A., Christe, S., et al., “Estimates of Densities and Filling Factors from a Cooling Time Analysis of Solar Microflares Observed with RHESSI”, 2011ApJ...736...75B [ADS](#)
- Krucker, S., Raftery, C. L., & Hudson, H. S., “Temperature and Density Estimates of Extreme-ultraviolet Flare Ribbons Derived from TRACE Diffraction Patterns”, 2011ApJ...734...34K [ADS](#)
- Martínez Oliveros, J. C., Alvarado Gomez, J., Buitrago Casas, J., et al., “On the Magnetic Field Variations and HXR Emission of the First X-class Flare in the 24th Solar Cycle”, 2011SPD...42.2225M [ADS](#)
- Martínez Oliveros, J., Hudson, H., Krucker, S., Schou, J., & Couvidat, S., “The Height of White-light Flare Continuum Formation”, 2011SPD...42.2211M [ADS](#)
- Lindsey, C. A., Donea, A., Hudson, H. S., Martínez Oliveros, J., & Hanson, C., “Magnetic Oscillations Mark Sites of Magnetic Transients in an Acoustically Active Flare”, 2011SPD...42.2207L [ADS](#)
- Hudson, H. S., Chamberlin, P., Woods, T., Fletcher, L., & Graham, D., “Doppler Signatures In EVE Spectra”, 2011SPD...42.2124H [ADS](#)
- Martínez Oliveros, J. C., Lindsey, C., Hudson, H., Schou, J., & Couvidat, S., “Transient Artifacts in SDO/HMI Flare Observations”, 2011SPD...42.2123M [ADS](#)
- Fivian, M., Hudson, H. S., & Lin, R. P., “Results and Analysis of the RHESSI/SAS Observations of the Optical Solar Limb”, 2011SPD...42.1724F [ADS](#)
- Fivian, M., Hudson, H. S., Lin, R. P., et al., “A RHESSI And SDO Campaign Measuring Latitude-dependent Limb ProfilesAnd Oblateness Of The Optical Solar Disk”, 2011SPD...42.1706F [ADS](#)
- Smith, D. M., Krucker, S., Hudson, H. S., et al., “Solar Hard X-ray Observations with NuSTAR”, 2011SPD...42.1501S [ADS](#)
- Svalgaard, L., Hannah, I. G., & Hudson, H. S., “Flaring Solar Hale Sector Boundaries”, 2011ApJ...733...49S [ADS](#)
- Kowalski, A., Hawley, S. L., & Hudson, H. S., “UV Diagnostics of Stellar and Solar Flares”, 2011AAS...21821303K [ADS](#)
- Martínez Oliveros, J. C., Couvidat, S., Schou, J., et al., “Imaging Spectroscopy of a White-Light Solar Flare”, 2011SoPh..269...269M [ADS](#)
- Hudson, H., “Solar and Stellar Flares”, 2011APS..APR.L3001H [ADS](#)
- Hudson, H. S., “Global Properties of Solar Flares”, 2011SSRv..158...5H [ADS](#)
- Krasnoselskikh, V., Vekstein, G., Hudson, H. S., Bale, S. D., & Abbott, W. P., “Generation of Electric Currents in the Chromosphere via Neutral-Ion Drag”, 2010ApJ...724.1542K [ADS](#)
- Gibson, S. E., Kucera, T. A., Rastawicki, D., et al., “Three-dimensional Morphology of a Coronal Prominence Cavity”, 2010ApJ...724.1133G [ADS](#)
- Fivian, M. D., Hudson, H. S., & Lin, R. P., “The Solar Oblateness at Solar Minimum as Observed by RHESSI/SAS”, 2010AGUFMSH53B..05F [ADS](#)
- Reeves, K. K., Gibson, S. E., Kucera, T. A., & Hudson, H. S., “Morphology of a hot coronal cavity core as observed by Hinode/XRT”, 2010AGUFMSH51A1669R [ADS](#)
- Gibson, S. E., Kucera, T. A., Rastawicki, D., et al., “Three-dimensional morphology of a coronal prominence cavity”, 2010AGUFMSH51A1667G [ADS](#)
- Krasnoselskikh, V., Vekstein, G., Hudson, H. S., Bale, S., & Abbott, W. P., “Generation of electric currents in the chromosphere via neutral-ion drag”, 2010AGUFMSH31C1810K [ADS](#)
- Martínez Oliveros, J., Hudson, H. S., & Krucker, S., “A “black light flare” observed by HMI”, 2010AGUFMSH23A1827M [ADS](#)
- Fletcher, L., Turkmani, R., Hudson, H. S., et al., “Solar Flares and the Chromosphere”, 2010arXiv1011.4650F [ADS](#)
- Fleishman, G., Gary, D., Nita, G., et al., “Uncovering Mechanisms of Coronal Magnetism via Advanced 3D Modeling of Flares and Active Regions”, 2010arXiv1011.2800F [ADS](#)
- Hannah, I. G., Hudson, H. S., Hurford, G. J., & Lin, R. P., “Constraining the Hard X-ray Properties of the Quiet Sun with New RHESSI Observations”, 2010ApJ...724...487H [ADS](#)
- Balasubramanian, K. S., Cliver, E. W., Pevtsov, A., et al., “On the Origin of the Solar Moreton Wave of 2006 December 6”, 2010ApJ...723...587B [ADS](#)
- Hudson, H. S., Fletcher, L., Turkmani, R., et al., “Solar Flares and the Chromosphere: A white paper for the Decadal Survey”, 2010helio2010...1H [ADS](#)
- Potts, H., Hudson, H., Fletcher, L., & Diver, D., “The Optical Depth of White-light Flare Continuum”, 2010ApJ...722.1514P [ADS](#)
- Hudson, H. S., “Solar physics: Solar flares add up”, 2010NatPh...6..637H [ADS](#)
- Svalgaard, L. & Hudson, H. S., “The Solar Microwave Flux and the Sunspot Number”, 2010ASPC..428..325S [ADS](#)
- Hudson, H. S. & Li, Y., “Flare and CME Properties and Rates at Sunspot Minimum”, 2010ASPC..428..153H [ADS](#)
- Quesnel, A., Dennis, B. R., Fleck, B., et al., “The Signature of Flares in VIRGO Total Solar Irradiance Measurements”, 2010ASPC..428..133Q [ADS](#)
- Hudson, H., “Observations of solar and stellar eruptions, flares, and jets”, in C. J. Schrijver and G. L. Siscoe (Eds.), *Heliophysics: Space Storms and Radiation: Causes and Effects*, 123 2010hssr.book..123H [ADS](#)
- Watanabe, K., Krucker, S., Hudson, H., et al., “G-band and Hard X-ray Emissions of the 2006 December 14 Flare Observed by Hinode/SOT and Rhessi”, 2010ApJ...715..651W [ADS](#)
- Krucker, S., Hudson, H. S., Glesener, L., et al., “Measurements of the Coronal Acceleration Region of a Solar Flare”, 2010ApJ...714.1108K [ADS](#)

- Reeves, K., Gibson, S. E., Kucera, T. A., Hudson, H. S., & Tripathi, D., "Thermal Properties of Coronal Cavities as Observed by the X-Ray Telescope on Hinode", 2010AAS...21640511R [ADS](#)
- Kucera, T. A., Gibson, S. E., Rastawicki, D., et al., "Geometric Model of a Coronal Cavity", 2010AAS...21640510K [ADS](#)
- Hudson, H. S. & Martínez-Oliveros, J. C., "Flare Global Waves Of Three Kinds", 2010AAS...21640429H [ADS](#)
- Fivian, M., Hudson, H. S., Lin, R. P., & Zahid, H. J., "Photospheric Temperature Variations near the Solar Limb", 2010AAS...21631305F [ADS](#)
- Krucker, S., Hudson, H. S., White, S. M., Masuda, S., & Lin, R. P., "Measurements of the Coronal Acceleration Region of a Solar Flare", 2010AAS...21630603K [ADS](#)
- Christe, S., Krucker, S., & Hudson, H., "The RHESSI Microflare Height Distribution", 2010cosp...38.2963C [ADS](#)
- Hudson, H. S., Fletcher, L., & Krucker, S., "The white-light continuum in the impulsive phase of a solar flare.", 2010MmSAI..81..637H [ADS](#)
- Eastwood, J. P., Wheatland, M. S., Hudson, H. S., et al., "On The Brightness and Waiting-Time Distributions of a Type III Radio Storm Observed By Stereo/Waves", 2010ApJ...708L..95E [ADS](#)
- Fivian, M. D., Hudson, H. S., Lin, R. P., & Zahid, H. J., "Latitude-Dependent Temperature Variations at the Solar Limb", 2009AGUFMSH23B1549F [ADS](#)
- Tranquille, C., Hurley, K., & Hudson, H. S., "Ulysses/GRB Measurements of Hard X-Ray Flares on the Far Side of the Sun", 2009AGUFMSH21C..03T [ADS](#)
- Krucker, S., Hudson, H. S., & Lin, R. P., "High Resolution Imaging of Solar Flare Footpoints in White Light and Hard X-rays", 2009AGUFMSH21C..01K [ADS](#)
- Svalgaard, L. & Hudson, H. S., "The Solar Radio Microwave Flux and the Sunspot Number", 2009AGUFMSH13C..03S [ADS](#)
- Martínez Oliveros, J. C., Hudson, H. S., & Krucker, S., "The McClymont Jerk: A driver of solar seismicity", 2009AGUFMSH13A1508M [ADS](#)
- Hudson, H. S., "X-ray Behavior of the CMEless X-class flares", 2009shin.confE.179H [ADS](#)
- Tranquille, C., Hurley, K., & Hudson, H. S., "The Ulysses Catalog of Solar Hard X-Ray Flares", 2009SoPh..258..141T [ADS](#)
- Hudson, H. S., MacKinnon, A. L., De Rosa, M. L., & Frewen, S. F. N., "Coronal Radiation Belts", 2009ApJ...698L..86H [ADS](#)
- Hudson, H. S., Lin, R. P., MacKinnon, A. N., et al., "Gamma Rays and Energetic Neutral Atoms from Solar Flares", 2009SPD....40.3604H [ADS](#)
- Krucker, S., Hudson, H. S., White, S. M., & Lin, R. P., "Direct Observations of the Coronal Acceleration Region of a Solar Flare", 2009SPD....40.3601K [ADS](#)
- Krucker, S., Hudson, H. S., & Lin, R. P., "High Resolution Imaging of Solar Flare Footpoints in White Light and Hard X-rays", 2009SPD....40.1919K [ADS](#)
- Christe, S., Krucker, S., Hudson, H., & Lin, R., "The RHESSI Microflare Height Distribution", 2009SPD....40.1903C [ADS](#)
- Hudson, H. S., MacKinnon, A. L., & Frewen, S. F., "Solar Trapped Particles", 2009SPD....40.1205H [ADS](#)
- Fivian, M., Hudson, H. S., Lin, R. P., & Zahid, H. J., "Latitude-Dependent Temperature Variations at the Solar Limb", 2009SPD....40.0925F [ADS](#)
- Hudson, H. S. & Fletcher, L., "Flares and the chromosphere", 2009EP&S...61..577H [ADS](#)
- Bastian, T. S., Emslie, G., Fleishman, G., et al., "Particle Acceleration and Transport on the Sun", 2009astro2010S..13B [ADS](#)
- Hudson, H. S., Fletcher, L., & McTiernan, J., "Spatial and Temporal Relationships Between WL/UV Continuum and hard X-ray Footpoints in Solar Flares", 2008AGUFMSH41A1605H [ADS](#)
- Fivian, M. D., Zahid, H. J., Hudson, H. S., & Lin, R. P., "The Global Photospheric Temperature Field", 2008AGUFMSH23A1624F [ADS](#)
- Zahid, H. J., Chapman, G., Fivian, M. D., & Hudson, H., "RHESSI Observations of Facular Limb Darkening at 670 nm", 2008AGUFMSH23A1623Z [ADS](#)
- Frewen, S. S., De Rosa, M., Hudson, H., & MacKinnon, A., "Modeling of Solar Radiation Belts", 2008AGUFMSH13B1526F [ADS](#)
- Fivian, M. D., Hudson, H. S., Lin, R. P., & Zahid, H. J., "A Large Excess in Apparent Solar Oblateness Due to Surface Magnetism", 2008Sci...322..560F [ADS](#)
- Krucker, S., Battaglia, M., Cargill, P. J., et al., "Hard X-ray emission from the solar corona", 2008A&ARV..16..155K [ADS](#)
- Fletcher, L. & Hudson, H. S., "Impulsive Flare Energy Transport by Large-Scale Alfvén Waves, and Flare Electron Acceleration", 2008ESPM...12.3.62F [ADS](#)
- Hannah, I. G., Hudson, H. S., Hurford, G. J., & Lin, R. P., "Constraining the Properties of Hard X-ray Nanoflares with RHESSI Observations of the Quiet Sun", 2008ESPM...12.2.83H [ADS](#)
- Hudson, H. S., Zahid, H. J., & Fivian, M. D., "Facular Contrast at 670 nm", 2008ESPM...12.2.59H [ADS](#)
- Hannah, I. G., Krucker, S., Christe, S., Hudson, H. S., & Lin, R. P., "Microflares with RHESSI and Hinode/XRT", 2008ASPC..397..169H [ADS](#)
- Hudson, H. S., Hannah, I. G., Deluca, E. E., & Weber, M., "Physical Conditions in Coronal Structures About to Flare", 2008ASPC..397..130H [ADS](#)
- Fivian, M. D., Hudson, H. S., Zahid, H. J., & Lin, R. P., "RHESSI Observations of a Large Excess Solar Oblateness and its Identification as Magnetic in Nature", 2008AGUFMSH21B..06F [ADS](#)
- Hudson, H. S., Zahid, H. J., & Fivian, M. D., "Masking RHESSI radius measures against EUV brightness", 2008AGUFMSH21B..05H [ADS](#)
- Zahid, H. J., Fivian, M. D., & Hudson, H. S., "Limb Darkening at 670 nm Measured from RHESSI", 2008AGUFMSH21B..04Z [ADS](#)
- Fletcher, L. & Hudson, H. S., "The role of large-scale Alfvén waves in solar flare energy release and particle acceleration", 2008AGUFMSH51C..06F [ADS](#)
- Hudson, H. S., "How Solar Flares Work", 2008AGUFMSH51C..01H [ADS](#)
- Hudson, H. S., Acton, L. W., DeLuca, E. E., et al., "Searching the X-ray Sun For Solar Axions", 2008AAS...212.6501H [ADS](#)
- Hannah, I. G., Christe, S., Krucker, S., et al., "RHESSI Microflare Statistics. II. X-Ray Imaging, Spectroscopy, and Energy Distributions", 2008ApJ...677..704H [ADS](#)
- Hannah, I. G., Krucker, S., Hudson, H. S., Christe, S., & Lin, R. P., "An intriguing solar microflare observed with RHESSI, Hinode, and TRACE", 2008A&A...481L..45H [ADS](#)
- Fletcher, L. & Hudson, H. S., "Impulsive Phase Flare Energy Transport by Large-Scale Alfvén Waves and the Electron Acceleration Problem", 2008ApJ...675..1645F [ADS](#)
- Isola, C., Favata, F., Micela, G., & Hudson, H., "An universal flaring mechanism from the Sun to the stars?", 2008MmSAI..79..255I [ADS](#)
- Hudson, H. S., Fisher, G. H., & Welsch, B. T., "Flare Energy and Magnetic Field Variations", 2008ASPC..383..221H [ADS](#)
- Fletcher, L. & Hudson, H. S., "Impulsive Flare Energy Transport by Large-Scale Alfvén Waves and the Electron Acceleration Problem", 2007AGUFMSH53B1278F [ADS](#)
- Fivian, M. D., Hudson, H. S., Lin, R. P., & Zahid, H. J., "Solar Shape Measurements from RHESSI: A Large Excess Oblateness", 2007AGUFMSH53A1076F [ADS](#)
- Hudson, H. S., Hannah, I. G., Krucker, S., & Watanabe, K., "What is There Before a Flare?", 2007AGUFMSH53A1055H [ADS](#)
- Hannah, I. G., Christe, S., Krucker, S., et al., "X-ray Microflares with Hinode and RHESSI", 2007AGUFMSH52C..07H [ADS](#)
- Shih, A. Y., Hudson, H. S., Smith, D. M., & Lin, R. P., "Investigation of Ion Acceleration in Small RHESSI Flares", 2007AGUFMSH44C..01S [ADS](#)
- MacKinnon, A. L. & Hudson, H. S., "Energetic Particles in the Quiet Corona", 2007AGUFMSH41A0303M [ADS](#)
- Zahid, H. J., Fivian, M. D., & Hudson, H. S., "Synoptic Views of the Solar Limb: RHESSI Radius and SOHO Images", 2007AGUFMSH32A0792Z [ADS](#)
- Isola, C., Favata, F., Micela, G., & Hudson, H. S., "The correlation between soft and hard X-rays component in flares: from the Sun to the stars", 2007A&A...472..261I [ADS](#)
- Hudson, H. S., "The Unpredictability of the Most Energetic Solar Events", 2007ApJ...663L..45H [ADS](#)
- Zahid, H. J., Fivian, M. D., & Hudson, H. S., "Solar Magnetic Activity Observed as Distortions of the Apparent Radius", 2007AAS...210.2223Z [ADS](#)
- Fletcher, L., Hannah, I. G., Hudson, H. S., & Metcalf, T. R., "Energy Deposition in White Light Flares with TRACE and RHESSI", 2007ASPC..368..423F [ADS](#)
- Hudson, H. S., "Chromospheric Flares", 2007ASPC..368..365H [ADS](#)
- Hudson, H. S. & Fletcher, L., "Electron Acceleration By Inertial Alfvén Waves In The Impulsive Phase Of A Solar Flare", 2007AAS...210.9303H [ADS](#)
- Fivian, M., Hudson, H. S., & Zahid, H. J., "Variations Of The Optical Solar Limb As Observed By RHESSI", 2007AAS...210.2222F [ADS](#)
- Hannah, I. G., Hurford, G. J., Hudson, H. S., Lin, R. P., & van Bibber, K., "First Limits on the 3-200 keV X-Ray Spectrum of the Quiet Sun Using RHESSI", 2007ApJ...659L..77H [ADS](#)
- Hannah, I. G., Hurford, G. J., Hudson, H. S., & Lin, R. P., "A new method of observing weak extended x-ray sources with the Reuven Ramaty High-Energy Solar Spectroscopic Imager", 2007RScI...78b4501H [ADS](#)
- Fletcher, L., Hannah, I. G., Hudson, H. S., & Metcalf, T. R., "A TRACE White Light and RHESSI Hard X-Ray Study of Flare Energetics", 2007ApJ...656.1187F [ADS](#)
- Hudson, H. & Vilmer, N., "Small Scale Energy Release and the Acceleration and Transport of Energetic Particles", in K.-L. Klein and A. L. MacKinnon (Eds.), Lecture Notes in Physics, Berlin Springer Verlag, Vol. 725, 81 2007LNP...725..81H [ADS](#)
- Dennis, B. R., Hudson, H. S., & Krucker, S., "Review of Selected RHESSI Solar Results", in K.-L. Klein and A. L. MacKinnon (Eds.), Lecture Notes in Physics, Berlin Springer Verlag, Vol. 725, 33 2007LNP...725..33D [ADS](#)
- Emslie, G., Dennis, B. R., Holman, G. D., et al., "High Energy Solar Physics from Lunar-Based Observatories", 2006AGUFMSM52A..05E [ADS](#)

- Hudson, H. S., MacKinnon, A., & De Rosa, M., "Coronal particle trapping revisited", 2006AGUFMSH54A..07H [ADS](#)
- Krucker, S., Hannah, I., Hudson, H. S., Hurford, G., & Lin, R. P., "Occulted Hard X-ray Flare Observations with Sentinels", 2006AGUFMSH53C..07K [ADS](#)
- Fivian, M. D., Hudson, H. S., & Zahid, H. J., "RHESSI observations of the solar radius", 2006AGUFMSH23B0368F [ADS](#)
- Schrijver, C. J., Hudson, H. S., Murphy, R. J., Share, G. H., & Tarbell, T. D., "Gamma Rays and the Evolving, Compact Structures of the 2003 October 28 X17 Flare", 2006ApJ...650..1184S [ADS](#)
- Fivian, M. D., Hudson, H. S., & Zahid, H. J., "The Optical Solar Limb As Observed By RHESSI", 2006SPD...37.3005F [ADS](#)
- Hannah, I. G., Hurford, G. J., Hudson, H. S., & Lin, R. P., "Searching For Quiet Sun X-ray Emission With RHESSI", 2006SPD...37.1402H [ADS](#)
- Hudson, H. S., Fivian, M. D., Wilson, B. M., & Zahid, H. J., "Limb Distortions Related To Solar Magnetic Activity", 2006SPD...37.0714H [ADS](#)
- Hudson, H. S., Wolfson, C. J., & Metcalf, T. R., "White-Light Flares: A TRACE/RHESSI Overview", 2006SoPh..234..79H [ADS](#)
- Pick, M., Forbes, T. G., Mann, G., et al., "Multi-Wavelength Observations of CMEs and Associated Phenomena. Report of Working Group F", 2006SSRv..123..341P [ADS](#)
- Schwenn, R., Raymond, J. C., Alexander, D., et al., "Coronal Observations of CMEs. Report of Working Group A", 2006SSRv..123..127S [ADS](#)
- Hudson, H. S., Bougeret, J. L., & Burkepile, J., "Coronal Mass Ejections: Overview of Observations", 2006SSRv..123..13H [ADS](#)
- Asai, A., Nakajima, H., Shimojo, M., et al., "Preflare Nonthermal Emission Observed in Microwaves and Hard X-Rays", 2006PASJ...58L..1A [ADS](#)
- Pick, M., Forbes, T. G., Mann, G., et al., "Multi-Wavelength Observations of CMEs and Associated Phenomena", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 341 2006cme..book..341P [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](#)
- Hudson, H. S., Bougeret, J. L., & Burkepile, J., "Coronal Mass Ejections: Overview of Observations", in H. Kunow, N. U. Crooker, J. A. Linker, R. Schwenn, and R. von Steiger (Eds.), Coronal Mass Ejections, Vol. 21, 13 2006cme..book..13H [ADS](#)
- Asai, A., Nakajima, H., Shimojo, M., White, S. M., & Hudson, H. S., "Preflare Nonthermal Emission Observed in Microwaves and Hard X-Rays", 2006apri.meet...46A [ADS](#)
- Fivian, M. D., Hudson, H. S., & Lin, R. P., "Variations of Solar Radius: Observations with Rhessi", 2005ESASP.600E...4F [ADS](#)
- Hudson, H. S. & Krucker, S., "Late-phase hard X-ray emission from flares", 2005AGUFMSH13A0290H [ADS](#)
- Fletcher, L., Allred, J., Hannah, I., Hudson, H., & Metcalf, T., "TRACE white light and RHESSI hard X-rays", 2005AGUFMSH13A0286F [ADS](#)
- Hannah, I. G., Hurford, G. J., & Hudson, H. S., "A Search for Hard X-Ray Emission from the Quiet Spotless Sun", 2005AGUFMSH11A0242H [ADS](#)
- Fivian, M. D., Hudson, H. S., & Lin, R. P., "RHESSI observations of solar radius", 2005AGUFMSH11A0241F [ADS](#)
- Emslie, A. G., Dennis, B. R., Holman, G. D., & Hudson, H. S., "Refinements to flare energy estimates: A followup to "Energy partition in two solar flare/CME events" by A. G. Emslie et al.", 2005JGRA..11011103E [ADS](#)
- Hudson, H. S., "Coronal shock waves observed in images", 2005AIPC..781..336H [ADS](#)
- Smith, D. M., Hazelton, B., Coburn, W., et al., "Outburst Evolution and Pulse Period of 1A 0535+262", 2005ATel..557...1S [ADS](#)
- Uralov, A. M., Grechnev, V. V., & Hudson, H. S., "Initial localization and kinematic characteristics of the structural components of a coronal mass ejection", 2005JGRA..110.5104U [ADS](#)
- Dennis, B. R., Holman, G. D., Haga, L., & Hudson, H. S., "Energetics of RHESSI X-Class Flares", 2005AGUSMSP21A..01D [ADS](#)
- Goodhue, A. C., Lin, R. P., Smith, D. M., & Hudson, H. S., "RHESSI Observations of Relativistic Electron Precipitation at $L=1.0\text{--}2.6$ Following Large Solar Energetic Particle Events", 2005AGUSMSM43B..06G [ADS](#)
- Hudson, H., Caspi, A., Dennis, B., & Phillips, K., "RHESSI soft X-ray imaging spectroscopy of a flare", 2005AGUFMSH31A..03H [ADS](#)
- Hurley, K., Boggs, S. E., Smith, D. M., et al., "An exceptionally bright flare from SGR 1806-20 and the origins of short-duration γ -ray bursts", 2005Natur.434.1098H [ADS](#)
- Hannah, I. G., Christe, S., Krucker, S., et al., "Rhessi Microflare Statistics", 2004ESASP.575..259H [ADS](#)
- Krucker, S. & Hudson, H. S., "Overview of Early Rhessi Results", 2004ESASP.575..247K [ADS](#)
- Hudson, H. S., "RHESSI: First Results", 2004ASPC..325..335H [ADS](#)
- Goodhue, A. C., Hudson, M. K., Hudson, H. S., & McNab, M. C., "The Halloween 2003 Storm's Effect on Trapped Electron Populations", 2004AGUFMSM41A1110G [ADS](#)
- Hudson, H., Fletcher, L., Krucker, S., & Pollock, J., "The hard X-ray spectral structure of flare ribbons", 2004AGUFMSH24A..02H [ADS](#)
- Hudson, H. S. & Warmuth, A., "Coronal Loop Oscillations and Flare Shock Waves", 2004ApJ...614L..85H [ADS](#)
- Raulin, J. P., Makhmutov, V. S., Kaufmann, P., et al., "Analysis of the impulsive phase of a solar flare at submillimeter wavelengths", 2004SoPh..223..181R [ADS](#)
- Hudson, H., Fletcher, L., Khan, J. I., & Kosugi, T., "Overview of Solar Flares", 2004ASSL..314..153H [ADS](#)
- Zahid, H. J., Hudson, H. S., & Fröhlich, C., "Total Solar Irradiance Variation During Rapid Sunspot Growth", 2004SoPh..222..12Z [ADS](#)
- Li, Y., Welsch, B., Fisher, G., Luhmann, J., & Hudson, H., "Photospheric field variations during the Oct. 28 and 29 solar events", 2004AGUFMSH51A..01L [ADS](#)
- Hudson, H. S. & Warmuth, A., "Coronal Loop Oscillations and Flare Shock Waves", 2004AAS...204.5411H [ADS](#)
- Fletcher, L., Hudson, H. S., Krucker, S., & Pollock, J. A., "The hard X-ray spectral structure of flare ribbons", 2004AAS...204.5403F [ADS](#)
- Fivian, M. D., Hudson, H. S., & Lin, R. P., "Variations of Solar Radius: Observations with RHESSI", 2004AAS...204.3719F [ADS](#)
- Leibacher, J. W., Harvey, J. W., Kopp, G., Hudson, H., & GONG Team, "Remarkable Low Temperature Emission of the 4 November 2003 Limb Flare", 2004AAS...204.0213L [ADS](#)
- McTiernan, J. M., Hudson, H. S., & Metcalf, T. R., "Nonlinear Force Free Field Models of AR 0486", 2004AAS...204.0204M [ADS](#)
- Khan, J. I., Hudson, H. S., & Mouradian, Z., "Soft X-ray analysis of a loop flare on the Sun", 2004A&A...416..323K [ADS](#)
- Chertok, I. M., Grechnev, V. V., Hudson, H. S., & Nitta, N. V., "Homologous large-scale activity in solar eruptive events of 24-26 November 2000", 2004JGRA..109.2112C [ADS](#)
- Zahid, H. J., Hudson, H. S., & Fröhlich, C., "Total solar irradiance variation during rapid sunspot growth", 2004cosp...35.2769Z [ADS](#)
- Pap, J. M., Fox, P., Fröhlich, C., et al., "Preface", 2004GMS...141D..7P [ADS](#)
- Hudson, H. S., "Solar Energy Flux Variations", 2004GMS...141..85H [ADS](#)
- , "Solar Variability and its Effects on Climate. Geophysical Monograph 141", 2004GMS...141....P [ADS](#)
- Li, Y., Luhmann, J. G., & Hudson, H., "A scenario for three "homologous" CMEs from AR 8038 in May 1997", 2003AGUFMSH42B0522L [ADS](#)
- Fivian, M. D., Hudson, H. S., & Lin, R. P., "Variations of Solar Radius Observed with RHESSI", 2003AGUFMSH32A1103F [ADS](#)
- Zahid, H., Fröhlich, C., & Hudson, H., "Solar irradiance variation during rapid sunspot growth", 2003AGUFMSH32A1102Z [ADS](#)
- Chertok, I. M., Grechnev, V. V., Hudson, H. S., & Nitta, N. V., "Homologous large-scale activity in solar eruptive events of November 24-26, 2000", 2003AGUFMSH22A0180C [ADS](#)
- Allred, J. C., Hawley, S. L., Abbott, W. P., et al., "Radiative Hydrodynamic Models of Solar White Light Flares", 2003AGUFMSH22A0175A [ADS](#)
- Hudson, H. S., Lin, R. P., & Smith, D. M., "Gamma-ray flare occurrence patterns", 2003AGUFMSH22A0168H [ADS](#)
- Share, G. H., Murphy, R. J., Skibo, J. G., et al., "High-Resolution Observation of the Solar Positron-Electron Annihilation Line", 2003ApJ...595L..85S [ADS](#)
- Lin, R. P., Krucker, S., Hurford, G. J., et al., "RHESSI Observations of Particle Acceleration and Energy Release in an Intense Solar Gamma-Ray Line Flare", 2003ApJ...595L..69L [ADS](#)
- Matthews, S. A., van Driel-Gesztelyi, L., Hudson, H. S., & Nitta, N. V., "A catalogue of white-light flares observed by Yohkoh", 2003A&A...409.1107M [ADS](#)
- Hudson, H. S. & Kosugi, T., "Yutaka Uchida", 2003PhT....56I..78H [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](#)
- Arge, C. N., Harvey, K. L., Hudson, H. S., & Kahler, S. W., "Narrow coronal holes in Yohkoh soft X-ray images and the slow solar wind", 2003AIPC..679..202A [ADS](#)
- Raulin, J. P., Makhmutov, V., Kaufmann, P., et al., "Detecção da fase impulsiva de uma explosão solar gigante até 405 GHz", 2003BASBr..23..179R [ADS](#)
- Share, G. H., Murphy, R. J., Skibo, J. G., et al., "RHESSI Observation of the Solar Annihilation Line", 2003ICRC...6.3199S [ADS](#)
- Hudson, H. S., Hurford, G. J., & Brown, J. C., "Coronal scattering as a source of flare-associated polarized hard X-rays", 2003SoPh..214..171H [ADS](#)
- Dennis, B. R., Phillips, K. J. H., Schwartz, R. A., et al., "Thermal and Non-thermal Contributions to the Flare X-ray Flux", 2003SPD...34.1809D [ADS](#)

- Hudson, H. S., Dennis, B. R., Phillips, K. J. H., Schwartz, R. A., & Smith, D. M., "Characterization of the RHESSI 3-10 keV spectrum", 2003SPD...34.1806H [ADS](#)
- Nitta, N. V., Hudson, H. S., & De Rosa, M. L., "The nature of impulsive solar energetic particle events", 2003SPD...34.1606N [ADS](#)
- Share, G. H., Murphy, R. J., Skibo, J. G., et al., "High-Resolution Observation of the Solar Positron-Electron Annihilation Line", 2003SPD...34.1408S [ADS](#)
- Khan, J. I. & Hudson, H. S., "Observations of CMEs associated with trans-equatorial loop systems", 2003SPD...34.1004K [ADS](#)
- Wang, L. H., Lin, R. P., Larson, D. E., & Hudson, H. S., "A Study of Extremely Low Density Solar Wind Detected on Three Successive Solar Rotations", 2003SPD...34.0611W [ADS](#)
- Hudson, H., Davila, J., Dennis, B., et al., "RHESSI and non-thermal solar physics in the IHY", 2003EAJ...7939H [ADS](#)
- Fárník, F., Hudson, H. S., Karlický, M., & Kosugi, T., "X-ray and radio observations of the activation stages of an X-class solar flare", 2003A&A...399.1159F [ADS](#)
- Hudson, H. S., Khan, J. I., Lemen, J. R., Nitta, N. V., & Uchida, Y., "Soft X-ray observation of a large-scale coronal wave and its exciter", 2003SoPh..212..121H [ADS](#)
- Somov, B. V., Kosugi, T., Hudson, H. S., Sakao, T., & Masuda, S., "Modeling large solar flares", 2003AdSpR..32.2439S [ADS](#)
- Chertok, I. M., Hudson, H. S., & Kahler, S. W., "Unusual large-scale flaring structure", 2002ESASP.506..569C [ADS](#)
- Hudson, H. S. & Fárník, F., "Spectral variations of flare hard X-rays", 2002ESASP.506..261H [ADS](#)
- Nitta, N. V., Cliver, E. W., & Hudson, H. S., "Intense Flares Without Solar Energetic Particle Events", 2002AGUFMSH61A0437N [ADS](#)
- Khan, J., Hudson, H. S., & Nitta, N. V., "Coronal blast waves detected in soft X-rays", 2002AGUFMSH52A0487K [ADS](#)
- Hudson, H. S., McKenzie, D. E., & Nitta, N. V., "Five years of Yohkoh science nuggets", 2002AGUFMSH52A0453H [ADS](#)
- Fletcher, L., Hudson, H. S., & Metcalf, T. R., "Mapping RHESSI footprints with potential-field models", 2002AGUFMSH52A0452F [ADS](#)
- Biesecker, D. A., Thompson, B. J., Hudson, H. S., Warmuth, A., & White, S., "Two wave morphologies in SOHO/EIT - EIT waves and Moreton waves", 2002AGUFMSH52A0450B [ADS](#)
- Fletcher, L. & Hudson, H. S., "Spectral and Spatial Variations of Flare Hard X-ray Footpoints", 2002SoPh..210..307F [ADS](#)
- Lin, R. P., Dennis, B. R., Hurford, G. J., et al., "The Reuven Ramaty High-Energy Solar Spectroscopic Imager (RHESSI)", 2002SoPh..210...3L [ADS](#)
- Somov, B. V., Kosugi, T., Hudson, H. S., Sakao, T., & Masuda, S., "Magnetic Reconnection Scenario of the Bastille Day 2000 Flare", 2002ApJ...579..863S [ADS](#)
- Kaufmann, P., Raulin, J. P., Melo, A. M., et al., "Solar Submillimeter and Gamma-Ray Burst Emission", 2002ApJ...574.1059K [ADS](#)
- Kahler, S. W. & Hudson, H. S., "Boundary Structures and Changes in Long-lived Coronal Holes", 2002ApJ...574..467K [ADS](#)
- Fárník, F., Karlický, M., Hudson, H., & Kosugi, T., "X-ray and radio observations in the initial development of an X-class solar flare", 2002ESASP.508..441F [ADS](#)
- Hudson, H. S., "Coronal holes as seen in soft X-rays by Yohkoh", 2002ESASP.508..341H [ADS](#)
- Narukage, N., Hudson, H. S., Morimoto, T., et al., "Simultaneous Observation of a Moreton Wave on 1997 November 3 in H α and Soft X-Rays", 2002ApJ...572L.109N [ADS](#)
- Krucker, S., Lin, R. P., Caspi, A., et al., "Imaging Spectroscopy of the February 20, 2002 flare: RHESSI Observations", 2002AAS...200.7607K [ADS](#)
- Hudson, H. S., Dennis, B. R., Krucker, S., et al., "Soft-hard-soft spectral evolution observed at HESSI resolution", 2002AAS...200.6905H [ADS](#)
- Metcalf, T. R., Alexander, D., Hudson, H. S., Longcope, D., & Myers, D., "Hard X-ray and White Light Observations of the August 25, 2001 X Flare", 2002AAS...200.6803M [ADS](#)
- LaBonte, B. J., Bernasconi, P. N., Rust, D., et al., "Investigation of the Sources of Irradiance Variation on the Sun (ISIS)", 2002AAS...200.5608L [ADS](#)
- Nitta, N. V., Hudson, H. S., & Newmark, J. S., "Coronal Dimming Associated with Coronal Mass Ejections", 2002AAS...200.2905N [ADS](#)
- Chertok, I. M., Obridko, E. I., Mogilevsky, V. N., Shilova, N. S., & Hudson, H. S., "Solar Disappearing Filament Inside a Coronal Hole", 2002ApJ...567.1225C [ADS](#)
- Hudson, H., "Energetic particles HXR emission as a diagnostic for energy release", 2002ocnd.confE..15H [ADS](#)
- Hudson, H. S., "A Rapidly Moving Hard X-Ray Source in a CME", 2002mwoc.conf..379H [ADS](#)
- Narukage, N., Shibata, K., Hudson, H. S., et al., "Multi-Wavelength Observation of A Moreton Wave on November 3, 1997", 2002mwoc.conf..295N [ADS](#)
- Matthews, S. A., van Driel-Gesztelyi, L., Hudson, H. S., & Nitta, N. V., "Multi-Wavelength Observations of Yohkoh White-Light Flares", 2002mwoc.conf..289M [ADS](#)
- Shibata, K., Eto, S., Narukage, N., et al., "Observations of Moreton Waves and EIT Waves", 2002mwoc.conf..279S [ADS](#)
- Hudson, H., Dennis, B., Gallagher, P., et al., "RHESSI and TRACE Observations of an X-class Flare", 2002cosp...34E3101H [ADS](#)
- Narukage, N., Hudson, H., Morimoto, T., et al., "Simultaneous observations of Moreton waves in H α and Soft X-ray", 2002cosp...34E1337N [ADS](#)
- Somov, B., Kosugi, T., Hudson, H., Sakao, T., & Masuda, S., "Modeling big flares: Principles and practice", 2002cosp...34E..43S [ADS](#)
- Cliver, E. W. & Hudson, H. S., "CMEs: How do the puzzle pieces fit together?", 2002JASTP..64..231C [ADS](#)
- Fletcher, L. & Hudson, H., "The Magnetic Structure and Generation of EUV Flare Ribbons", 2001SoPh..204..69F [ADS](#)
- Masuda, S., Kosugi, T., & Hudson, H. S., "A Hard X-ray Two-Ribbon Flare Observed with Yohkoh/HXT", 2001SoPh..204..55M [ADS](#)
- Kahler, S. W. & Hudson, H. S., "Origin and development of transient coronal holes", 2001JGR...10629239K [ADS](#)
- Fletcher, L. & Hudson, H., "Numerical Modelling of Trapped Electrons in an Expanding Solar Loop", 2001AGUFMSH42A0777F [ADS](#)
- Nitta, N. V. & Hudson, H. S., "High-Energy Aspects of CMEs Associated with X-Class Flares in the Present Cycle", 2001AGUFMSH32B..04N [ADS](#)
- Hudson, H. S., "Hard X-rays Associated with CMEs", 2001AGUFMSH32B..03H [ADS](#)
- Hudson, H. S. & Cliver, E. W., "Observing coronal mass ejections without coronagraphs", 2001JGR...10625199H [ADS](#)
- Hudson, H. S., Kosugi, T., Nitta, N. V., & Shimio, M., "Hard X-Radiation from a Fast Coronal Ejection", 2001ApJ...561L.211H [ADS](#)
- Nitta, N. V. & Hudson, H. S., "Recurrent flare/CME events from an emerging flux region", 2001GeoRL..28.3801N [ADS](#)
- De Pontieu, B., Martens, P. C. H., & Hudson, H. S., "Chromospheric Damping of Alfvén Waves", 2001ApJ...558..859D [ADS](#)
- Watanabe, T., Sterling, A. C., Hudson, H. S., & Harra, L. K., "Energetics of an Active Region Observed from Helium-Like Sulphur Lines", 2001SoPh..201..71W [ADS](#)
- Hudson, H. S. & McKenzie, D. E., "Hard X-rays from Slow Flares", 2001EP&S...53..581H [ADS](#)
- McKenzie, D. E. & Hudson, H. S., "Downflows and structure above LDE arcades: Possible signatures of reconnection?", 2001EP&S...53..577M [ADS](#)
- Moore, R. L., Sterling, A. C., Hudson, H. S., & Lemen, J. R., "Onset of the Magnetic Explosion in Solar Flares and Coronal Mass Ejections", 2001ApJ...552..833M [ADS](#)
- Nitta, N. V., Sato, J., & Hudson, H. S., "The Physical Nature of the Loop-Top X-Ray Sources in the Gradual Phase of Solar Flares", 2001ApJ...552..821N [ADS](#)
- Freeland, S. & Hudson, H., "Automated Search for Limb-Occulted Flares", 2001AGUSM..SP51A07F [ADS](#)
- Kahler, S. W. & Hudson, H. S., "A Search for Discrete Changes in Coronal Hole Boundaries", 2001AGUSM..SH51C05K [ADS](#)
- Fletcher, L. & Hudson, H. S., "Ribbons and field at high resolution", 2001AGUSM..SH31D10F [ADS](#)
- Hudson, H., "Coronal Structure from the Yohkoh Perspective", 2000SPD...31.1302H [ADS](#)
- Zarro, D. M., Canfield, R. C., Nitta, N., et al., "Max Millennium/Whole Sun Month Observations of a Sigmoid Region (AR 8668)", 2000SPD...31.0236Z [ADS](#)
- De Pontieu, B., Martens, P. C. H., & Hudson, H. S., "Chromospheric Damping of Alfvén Waves", 2000SPD...31.0131D [ADS](#)
- Aschwanden, M. J., Fletcher, L., Sakao, T., Kosugi, T., & Hudson, H., "Electron Trapping and Precipitation in Asymmetric Solar Flare Loops", 2000IAUS..195..375A [ADS](#)
- Thompson, B. J., Reynolds, B., Aurass, H., et al., "Observations of the 24 September 1997 Coronal Flare Waves", 2000SoPh..193..161T [ADS](#)
- Khan, J. I. & Hudson, H. S., "Homologous sudden disappearances of transequatorial interconnecting loops in the solar corona", 2000GeoRL..27.1083K [ADS](#)
- Sterling, A. C., Hudson, H. S., Thompson, B. J., & Zarro, D. M., "Yohkoh SXT and SOHO EIT Observations of Sigmoid-to-Arcade Evolution of Structures Associated with Halo Coronal Mass Ejections", 2000ApJ...532..628S [ADS](#)
- Hudson, H. S., "Imploding in Coronal Transients", 2000ApJ...531L..75H [ADS](#)
- Peres, G., Orlando, S., Reale, F., Rosner, R., & Hudson, H., "The Sun as an X-Ray Star. II. Using the Yohkoh/Soft X-Ray Telescope-derived Solar Emission Measure versus Temperature to Interpret Stellar X-Ray Observations", 2000ApJ...528..537P [ADS](#)
- Hudson, H. & Schwenn, R., "Hot Cores in Coronal Filament Cavities", 2000AdSpR..25.1859H [ADS](#)
- Gopalswamy, N., Hanaoka, Y., & Hudson, H. S., "Structure and Dynamics of the Corona Surrounding an Eruptive Prominence", 2000AdSpR..25.1851G [ADS](#)

- Harvey, K. L. & Hudson, H. S., "Solar Activity and the Formation of Coronal Holes", 2000AdSpR..25.173H [ADS](#)
- Hudson, H. S. & Karlický, M., "Global Coronal Waves: Implications for HESSI", 2000ASPC..206..268H [ADS](#)
- Matthews, S., van Driel-Gesztelyi, L., Hudson, H., & Nitta, N., "Yohkoh Observations of White-Light Flares", 2000ASPC..206..239M [ADS](#)
- Hudson, H. S. & McKenzie, D. E., "Hard X-rays from "Slow LDEs", 2000ASPC..206..221H [ADS](#)
- Orlando, S., Peres, G., Reale, F., Rosner, R., & Hudson, H., "X-ray spectra of the Sun as a star: how different coronal regions contribute to the observed X-ray spectrum", 2000ASPC..198..4790 [ADS](#)
- Watanabe, T., Ashizawa, K., Nakagawa, Y., et al., "Multi-Wavelength Observations of a Large-Scale Jet and an Eruptive-Prominence on 28 August 1992", 1999spro.proc..171W [ADS](#)
- Hudson, H., "Coronal Mass Ejections at High Temperatures", 1999spro.proc..159H [ADS](#)
- Hudson, H., "The Global Dynamics of the High-Temperature Corona", 1999SoPh..190..91H [ADS](#)
- Warren, H. P., Bookbinder, J. A., Forbes, T. G., et al., "TRACE and Yohkoh Observations of High-Temperature Plasma in a Two-Ribbon Limb Flare", 1999ApJ...527L..121W [ADS](#)
- Kahler, S. W., Cane, H. V., Hudson, H. S., et al., "Reply", 1999JGR..10422411K [ADS](#)
- Fárník, F., Švestka, Z., Karlický, M., & Hudson, H. S., "Transequatorial Interconnecting Loops and Increase of Their Length in the New Cycle", 1999ESASP.446..305F [ADS](#)
- Hudson, H. S. & Kosugi, T., "How the Sun's Corona Gets Hot", 1999Sci...285..849H [ADS](#)
- Zarro, D. M., Sterling, A. C., Thompson, B. J., Hudson, H. S., & Nitta, N., "SOHO EIT Observations of Extreme-Ultraviolet "Dimming" Associated with a Halo Coronal Mass Ejection", 1999ApJ...520L.139Z [ADS](#)
- McKenzie, D. E. & Hudson, H. S., "X-Ray Observations of Motions and Structure above a Solar Flare Arcade", 1999ApJ...519L..93M [ADS](#)
- Aschwanden, M. J., Fletcher, L., Sakao, T., Kosugi, T., & Hudson, H., "Deconvolution of Directly Precipitating and Trap-precipitating Electrons in Solar Flare Hard X-Rays. III. Yohkoh Hard X-Ray Telescope Data Analysis", 1999ApJ...517..977A [ADS](#)
- Gibson, S. E., Alexander, D., Biesecker, D., et al., "Modeling CMEs in three dimensions using an analytic MHD model", 1999AIPC..471..645G [ADS](#)
- Hick, P., Švestka, Z., Jackson, B. V., Farnik, F., & Hudson, H., "Quiet solar wind signatures above active regions observed in X-rays", 1999AIPC..471..231H [ADS](#)
- McKenzie, D. E. & Hudson, H. S., "Arcade Structure and Dynamics in the 20-Jan-99 M5 Solar Flare", 1999AAS...19410108M [ADS](#)
- Sterling, A. C., Hudson, H. S., Thompson, B. J., & Zarro, D. M., "YOHKOH SXT and SOHO EIT Observations of "Sigmoid-to-Arcade" Evolution of Structures Associated with Halo CMEs", 1999AAS...19410107S [ADS](#)
- Hudson, H. S., Lemen, J. R., Thompson, B., & Uchida, Y., "Soft X-ray Observation of a Flare-Associated Coronal Wave", 1999AAS...194.2205H [ADS](#)
- Canfield, R. C., Hudson, H. S., & McKenzie, D. E., "Sigmoidal morphology and eruptive solar activity", 1999GeoRL..26..627C [ADS](#)
- Hudson, H. S., Acton, L. W., Harvey, K. L., & McKenzie, D. E., "A Stable Filament Cavity with a Hot Core", 1999ApJ...513L..83H [ADS](#)
- Peres, G., Orlando, S., Reale, F., Rosner, R., & Hudson, H., "The Solar-Stellar Connection in X-rays: How to Take Advantage of the YOHKOH data", 1999ASPC..158..391P [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](#)
- Hardy, S. J., Melrose, D. B., & Hudson, H. S., "Observational Tests of a Double Loop Model for Solar Flares", 1998PASA...15..318H [ADS](#)
- Švestka, Z., Fárník, F., Hudson, H. S., & Hick, P., "Large-Scale Active Coronal Phenomena in Yohkoh SXT Images IV. Solar Wind Streams from Flaring Active Regions", 1998SoPh..182..179S [ADS](#)
- Gopalswamy, N., Hanaoka, Y., Kosugi, T., et al., "On the relationship between coronal mass ejections and magnetic clouds", 1998GeoRL..25.2485G [ADS](#)
- Hudson, H. S., Lemen, J. R., St. Cyr, O. C., Sterling, A. C., & Webb, D. F., "X-ray coronal changes during Halo CMEs", 1998GeoRL..25.2481H [ADS](#)
- Webb, D. F., Cliver, E. W., Gopalswamy, N., Hudson, H. S., & St. Cyr, O. C., "The solar origin of the January 1997 coronal mass ejection, magnetic cloud and geomagnetic storm", 1998GeoRL..25.2469W [ADS](#)
- Wülsler, J. P., Hudson, H. S., Nishio, M., et al., "Precise Determination of the Coordinate Systems for the YOHKOH Telescopes and the Application of a Transit of Mercury", 1998SoPh..180..131W [ADS](#)
- Kahler, S. W., Cane, H. V., Hudson, H. S., et al., "The solar energetic particle event of April 14, 1994, as a probe of shock formation and particle acceleration", 1998JGR..10312069K [ADS](#)
- Hick, P., Švestka, Z., Farnik, F., Hudson, H. S., & Jackson, B. V., "Fan-Like coronal X-ray Structures as Sources of Solar Wind", 1998AAS...192.1503H [ADS](#)
- Gopalswamy, N., Hanaoka, Y., Kaiser, M., et al., "Birth Place of the 1998 January 21 CME", 1998cee..workE..40G [ADS](#)
- Watanabe, T., Yamamoto, M., Hudson, H., et al., "Coronal and Interplanetary Disturbances Associated with an Eruptive Prominence of 28 August 1992", 1998asct.conf..313W [ADS](#)
- Harvey, K. L. & Hudson, H. S., "The Formation and Evolution of the Coronal Holes Associated with NOAA Region 7978", 1998ASSL..229..315H [ADS](#)
- Hudson, H. S., Labonte, B. J., Sterling, A. C., & Watanabe, T., "NOAA 7978: the Last best Old-Cycle Region", 1998ASSL..229..237H [ADS](#)
- Watanabe, T., Yamamoto, M., Hudson, H., et al., "An Interdisciplinary Study of the Eruptive Prominence of 28 August 1992", 1998ASSL..229..101W [ADS](#)
- Peres, G., Orlando, S., Reale, F., Rosner, R., & Hudson, H., "The Sun as an X-Ray Star: Overview of the Method", 1998ASSL..229..29P [ADS](#)
- Aschwanden, M. J., Neupert, W. M., Newmark, J., et al., "3-Dimensional Models of Active Region Loops", 1998ASPC..155..145A [ADS](#)
- Orlando, S., Peres, G., Reale, F., Rosner, R., & Hudson, H., "Solar-Stellar Connection: Relevance of YOHKOH Data", 1998ASPC..154.11300 [ADS](#)
- Watanabe, T., Yamamoto, M., Hudson, H., et al., "Soft X-ray Observations of Eruptive Prominences", 1998ASPC..150..376W [ADS](#)
- Švestka, Z., Fárník, F., Hick, P., Hudson, H. S., & Uchida, Y., "Large-Scale Active Coronal Phenomena in YOHKOH SXT Images. III. Enhanced Post-Flare Streamer", 1997SoPh..176..355S [ADS](#)
- Simnett, G. M. & Hudson, H. S., "The Evolution of a Rapidly-Expanding Active Region Loop into a Trans-Equatorial Coronal Mass Ejection", 1997ESASP.415..437S [ADS](#)
- Hudson, H. S. & Galvin, A. B., "Correlated Studies at Activity Maximum: the Sun and the Solar Wind", 1997ESASP.415..275H [ADS](#)
- Bothmer, V., Posner, A., Kunow, H., et al., "Solar Energetic Particle Events and Coronal Mass Ejections: New Insights from SOHO", 1997ESASP.415..207B [ADS](#)
- Švestka, Z., Fárník, Hudson, H. S., & Hick, P., "Post-Flare Loops Embedded in a Hot Coronal Fan-Like Structure", 1997ESASP.415..139S [ADS](#)
- Galvin, A. B. & Hudson, H. S., "An Overview of IACG Campaign 4: Solar Sources of Heliospheric Structure Observed Out of the Ecliptic", 1997ESASP.415..39G [ADS](#)
- Sterling, A. C. & Hudson, H. S., "Yohkoh SXT Observations of X-Ray "Dimming" Associated with a Halo Coronal Mass Ejection", 1997ApJ...491L..55S [ADS](#)
- Holman, G. D., Lin, R. P., Dennis, B. R., et al., "The High Energy Solar Spectroscopic Imager (HESSI): A Small Explorer for the Start of the New Millennium", 1997AAS...191.7416H [ADS](#)
- Kahler, S. W., Cane, H. V., Hudson, H. S., et al., "The Solar Energetic Particle Event of 14 April 1994 as a Probe of Shock Formation and Particle Acceleration", 1997AAS...191.7412K [ADS](#)
- Aschwanden, M. J., Bynum, R. M., Kosugi, T., Hudson, H. S., & Schwartz, R. A., "Electron Trapping Times and Trap Densities in Solar Flare Loops Measured with COMPTON and YOHKOH", 1997ApJ...487..936A [ADS](#)
- Galvin, A. B. & Hudson, H. S., "The IACG Campaign IV: solar sources of heliospheric structure observed out of the ecliptic", 1997AdSpR..20..631G [ADS](#)
- Farnik, F., Hudson, H., & Watanabe, T., "(Erratum) YOHKOH observations of flares with flat hard X-ray spectra.", 1997A&A...324..433F [ADS](#)
- Ueno, S., Mineshige, S., Negoro, H., Shibata, K., & Hudson, H. S., "Statistics of Fluctuations in the Solar Soft X-Ray Emission", 1997ApJ...484..920U [ADS](#)
- Antiochos, S., Acton, L., Canfield, R., et al.: 1997, *The Solar-B Mission*, Technical Report, Montana State Univ. Bozeman, MT United States 1997STIN...9721329A [ADS](#)
- Peres, G., Orlando, S., Reale, F., Rosner, R., & Hudson, H., "The Sun as an X-Ray Star: Overview of the Method", 1997SoPh..172..239P [ADS](#)
- Webb, D., Cliver, E., McIntosh, P., Gopalswamy, N., & Hudson, H., "The Solar Source of the January 1997 CME/Magnetic Cloud: Recurrent Activity on a Polar Crown Filament Channel", 1997SPD....28.1501W [ADS](#)
- Gopalswamy, N., Kundu, M. R., Hanaoka, Y., et al., "Tracking a CME from Cradle to Grave: A Multi-wavelength Analysis of the February 6-7, 1997 Event", 1997SPD....28.0501G [ADS](#)
- Nitta, N. & Hudson, H. S., "Observations of Superhot Plasma in Solar Flares", 1997SPD....28.0162N [ADS](#)
- Hudson, H. S., "Interacting X-ray Loops in a Coronal Mass Ejection", 1997SPD....28.0137B [ADS](#)
- Sterling, A. C., Hudson, H. S., & Watanabe, T., "Electron Temperatures of the Corona Above a Solar Active Region Determined from S XV Spectra", 1997SPD....28.0136S [ADS](#)

- Sterling, A. C., Hudson, H. S., Lemen, J. R., & Zarro, D. A., "Temporal Variations of Solar Flare Spectral Properties: Hard X-Ray Fluxes and Fe XXV, Ca XIX, and Wide-Band Soft X-Ray Fluxes, Temperatures, and Emission Measures", 1997ApJS...110..115S [ADS](#)
- Sterling, A. C., Hudson, H. S., & Watanabe, T., "Electron Temperatures of the Corona Above a Solar Active Region Determined from S XV Spectra", 1997ApJ...479L.149S [ADS](#)
- Farnik, F., Hudson, H., & Watanabe, T., "YOHKOH observations of flares with flat hard X-ray spectra.", 1997A&A...320..620F [ADS](#)
- Harra-Murnion, L. K., Culhane, J. L., Hudson, H. S., et al., "Isolating the Footpoint Characteristics of a Solar Flare Loop", 1997SoPh..171..103H [ADS](#)
- Yoshimura, K., Kurokawa, H., Sano, S., & Hudson, H., "Comparison between arch filaments and coronal loops.", 1997IAUJD..19E..60Y [ADS](#)
- Peres, G., Orlando, S., Reale, F., Rosner, R., & Hudson, H., "The Sun as an X-ray Star: Overview of the Method", 1997IAUJD..19E..37P [ADS](#)
- Hudson, H. S., "X-ray Observations of Coronal Mass Ejections", 1997IAUJD..19E..24H [ADS](#)
- Sterling, A. C., Hudson, H. S., & Watanabe, T., "Active Region Coronal Temperatures from YOHKOH BCS Sxv Spectra", 1997IAUJD..19E..9S [ADS](#)
- Watari, S., Watanabe, T., Acton, L. W., & Hudson, H. S., "Limb Events Observed by YOHKOH and Coronal Mass Ejections: A Filamentary Soft X-ray Structure on 5 October 1996", 1997ESASP.404..725W [ADS](#)
- Watanabe, T., Sterling, A. C., Hudson, H. S., & Harra-Murnion, L. K., "Active Region Energetics via Yohkoh/BCS and SOHO/CDS", 1997ESASP.404..723W [ADS](#)
- Plunkett, S. P., Gopalswamy, N., Kundu, M. R., et al., "A Multi-Wavelength Analysis of the February 6/7, 1997 Coronal Mass Ejection", 1997ESASP.404..615P [ADS](#)
- Fárník, F., Švestka, Z., Hudson, H. S., & Uchida, Y., "Large-scale active coronal phenomena in Yohkoh SXT images", 1996SoPh..168..331F [ADS](#)
- Silva, A. V. R., White, S. M., Lin, R. P., et al., "Comprehensive Multiwavelength Observations of the 1992 January 7 Solar Flare", 1996ApJS..106..621S [ADS](#)
- Aschwanden, M. J., Kosugi, T., Hudson, H. S., Wills, M. J., & Schwartz, R. A., "The Scaling Law between Electron Time-of-Flight Distances and Loop Lengths in Solar Flares", 1996ApJ...470..1198A [ADS](#)
- Hudson, H. S., Acton, L. W., & Freeland, S. L., "A Long-Duration Solar Flare with Mass Ejection and Global Consequences", 1996ApJ...470..629H [ADS](#)
- Aschwanden, M. J., Wills, M. J., Hudson, H. S., Kosugi, T., & Schwartz, R. A., "Electron Time-of-Flight Distances and Flare Loop Geometries Compared from CGRO and YOHKOH Observations", 1996ApJ...468..398A [ADS](#)
- Metcalf, T. R., Hudson, H. S., Kosugi, T., Puetter, R. C., & Pina, R. K., "Pixel-based Multiresolution Image Reconstruction for Yohkoh's Hard X-Ray Telescope", 1996ApJ...466..585M [ADS](#)
- Bothmer, V., Marsden, R. G., Sanderson, T. R., et al., "Energetic particles and coronal mass ejections in the high latitude heliosphere: Ulysses-LET observations", 1996AIPC..382..445B [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](#)
- Alexander, D., Harvey, K. L., Hudson, H. S., Hoeksema, J. T., & Zhao, X., "The large scale eruptive event of 1994 April 14", 1996AIPC..382..80A [ADS](#)
- Aschwanden, M. J., Hudson, H., Kosugi, T., & Schwartz, R. A., "Electron Time-of-Flight Measurements during the Masuda Flare, 1992 January 13", 1996ApJ...464..985A [ADS](#)
- Sterling, A. C., Harra-Murnion, L. K., Hudson, H. S., & Lemen, J. R., "YOHKOH Observations of an Over-the-Limb Solar Flare with Large Spectral Line Shifts", 1996ApJ...464..498S [ADS](#)
- Hudson, H. S. & Nitta, N., "Yohkoh observations of flares with superhot properties", 1996AIPC..374..285H [ADS](#)
- Dennis, B. R., Crannell, C. J., Holman, G. D., et al., "The High Energy Solar Spectroscopic Imager - HESSI", 1996AAS...188.7016D [ADS](#)
- Webb, D., Hudson, H., & Lemen, J., "A Signature of CME Onsets in Soft X-rays", 1996AAS...188.7008W [ADS](#)
- Lemen, J. R., Hudson, H., Webb, D., & Tsuneta, S., "Observations of Coronal Depletion and Ejection", 1996AAS...188.7007L [ADS](#)
- Aschwanden, M. J., Kosugi, T., Hudson, H. S., Wills, M. J., & Schwartz, R. A., "The Scaling Law between Electron Time-of-Flight Distances and Loop Lengths in Solar Flares", 1996AAS...188.2608A [ADS](#)
- Hudson, H. S., "X-ray Images of Two Type II Bursts", 1996AAS...188.1907H [ADS](#)
- Sterling, A. C., Hudson, H. S., Lemen, J. R., & Zarro, D. A., "Temporal Variations of Solar Flare Spectral Properties in CA XIX and GOES", 1996AAS...188.1905S [ADS](#)
- Fárník, F., Hudson, H., & Watanabe, T., "Spatial Relations between Preflares and Flares", 1996SoPh..165..169F [ADS](#)
- Shimojo, M., Hashimoto, S., Shibata, K., et al., "Statistical Study of Solar X-Ray Jets Observed with the YOHKOH Soft X-Ray Telescope", 1996PASJ...48..123S [ADS](#)
- Silva, A. V. R., White, S. M., Lin, R. P., et al., "First Images of a Solar Flare at Millimeter Wavelengths", 1996ApJ...458L..49S [ADS](#)
- Raulin, J. P., Kundu, M. R., Hudson, H. S., Nitta, N., & Raoult, A., "Metric Type III bursts associated with soft X-ray jets.", 1996A&A...306..299R [ADS](#)
- Švestka, Z., Farník, F., Hudson, H. S., et al., "Large-Scale Active Coronal Phenomena in YOHKOH SXT Images", 1996mpsa.conf..609S [ADS](#)
- Sterling, A. C., Harra-Murnion, L. K., Hudson, H. S., Lemen, J. R., & Strong, K. T., "X-ray Observations of an Over-the-Limb Solar Flare with Large Spectral Line Shifts", 1996mpsa.conf..557S [ADS](#)
- Harra-Murnion, L. K., Culhane, J. L., Fujiwara, T., et al., "Isolating the Footpoint Characteristics of a Solar Flare Loop", 1996mpsa.conf..527H [ADS](#)
- Nitta, N., van Driel-Geszelyi, L., Leka, K. D., & Hudson, H. S., "Active Region Evolution and Flare Activity", 1996mpsa.conf..515N [ADS](#)
- Nakagawa, Y., Watanabe, T., Hudson, H., & Kojima, M., "Large-Scale Arcade Formation on May 15, 1992 and its Interplanetary Consequence", 1996mpsa.conf..489N [ADS](#)
- Yoshimura, K., Kurokawa, H., Sano, S., & Hudson, H., "Causal Relation between H alpha Arch Filament Loops and Soft X-ray Coronal Loops", 1996mpsa.conf..457Y [ADS](#)
- Kundu, M. R., Raulin, J. P., Nitta, N., et al., "Detection of Nonthermal Radio Emission from Coronal X-ray Jets", 1996mpsa.conf..445K [ADS](#)
- Reale, F., Peres, G., & Hudson, H., "Hydrodynamic Modeling of Flares Well-Observed by Yohkoh/SXT", 1996mpsa.conf..311R [ADS](#)
- Hudson, H., "YOHKOH Observations of Coronal Mass Ejections", 1996mpsa.conf..89H [ADS](#)
- , "Magnetodynamic phenomena in the solar atmosphere. Prototypes of stellar magnetic activity", 1996mpsa.conf....U [ADS](#)
- Švestka, Z., Farník, F., Hudson, H. S., Uchida, Y., & Hick, P., "Large-Scale Active Coronal Phenomena in YOHKOH SXT Images", 1996ASPC..111..388S [ADS](#)
- Hudson, H. S., Lemen, J. R., & Webb, D. F., "Coronal X-Ray Dimming in Two Limb Flares", 1996ASPC..111..379H [ADS](#)
- Alexander, D., Metcalf, T., & Hudson, H. S., "Pixon Reconstruction and the Masuda Event of 1992 January 13", 1996ASPC..111..253A [ADS](#)
- Sterling, A. C., Hudson, H. S., & Lemen, J. R., "YOHKOH SXT and BCS Observations of the 'Reconnection Region' of a Solar Flare", 1996ASPC..111..177S [ADS](#)
- Khan, J. I., Hudson, H. S., Sterling, A. C., & Lemen, J. R., "A Loop Flare Observed by YOHKOH on 1992 July 11", 1996ASPC..111..162K [ADS](#)
- Hudson, H. S. & Khan, J. I., "Observational Problems for Flare Models Based on Large-Scale Magnetic Reconnection (Invited)", 1996ASPC..111..135H [ADS](#)
- Harvey, K. L., McAllister, A., Hudson, H., et al., "Comparison and Relation of HeI 1083 NM Two-Ribbon Flares and Large-Scale Coronal Arcades Observed by YOHKOH", 1996ASPC..95..100H [ADS](#)
- Bastian, T. S., Gary, D. E., Hurford, G. J., et al., "Broadband Imaging Spectroscopy with the Solar Radio Telescope", 1996ASPC...93..430B [ADS](#)
- Kundu, M. R., Raulin, J. P., Nitta, N., Hudson, H. S., & Raoult, A., "Nonthermal Radio Emission from Coronal X-ray Jets", 1996ASPC..93..375K [ADS](#)
- Silva, A. V. R., White, S. M., Lin, R. P., et al., "First Images of a Solar Flare at Millimeter Wavelengths", 1996ADIL...AS..01S [ADS](#)
- Švestka, Z., Fárník, F., Hudson, H. S., et al., "Large-Scale Active Coronal Phenomena in YOHKOH SXT Images, I", 1995SoPh..161..331S [ADS](#)
- Esser, R., Brickhouse, N. S., Habbl, S. R., Altrock, R. C., & Hudson, H. S., "Using Fe X 6374 Å and Fe XIV 5303 Å spectral line intensities to study the effect of line of sight integration on coronal temperature inferences", 1995JGR...10019829E [ADS](#)
- Khan, J. I., Harra-Murnion, L. K., Hudson, H. S., Lemen, J. R., & Sterling, A. C., "Yohkoh Soft X-Ray Spectroscopic Observations of the Bright Loop-Top Kernels of Solar Flares", 1995ApJ...452L.153K [ADS](#)
- Kundu, M. R., Raulin, J. P., Nitta, N., et al., "Detection of Nonthermal Radio Emission from Coronal X-Ray Jets", 1995ApJ...447L.135K [ADS](#)
- Hudson, H. S., Acton, L. W., Alexander, D., et al., "The solar origins of two high-latitude interplanetary disturbances", 1995sowi.confS..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.confR..58H [ADS](#)
- Slater, G. L., Freeland, S. L., Hoeksema, T., Zhao, X., & Hudson, H. S., "Inference of 3-dimensional structure underlying large-scale coronal events observed by YOHKOH and ULYSSES", 1995sowi.confQ..63S [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](#)
- Alexander, D., Harvey, K. L., Hudson, H. S., Hoeksema, J. T., & Zhao, X., "The solar/interplanetary event of 14 April 1994 observed by Yohkoh/SXT", 1995sowi.conf...57A [ADS](#)
- Ichimoto, K., Hara, H., Takeda, A., et al., "Coordinated Observation of the Solar Corona Using the Norikura Coronagraph and the YOHKOH Soft X-Ray Telescope", 1995ApJ...445..978I [ADS](#)
- Raulin, J. P., Kundu, M. R., Hudson, H. S., Nitta, N., & Raoult, A., "Nonthermal Radio Emission From Coronal X-Ray Jets", 1995SPD....26.1318R [ADS](#)
- Metcalf, T. R., Hudson, H. S., Kosugi, T., Puetter, R. C., & Piña, R. K., "Fractal Pixon Image Reconstruction for Yohkoh's Hard X-Ray Telescope", 1995SPD....26.1314M [ADS](#)
- Sterling, A., Khan, J., Harra-Murnion, L., Hudson, H., & Lemen, J., "Yohkoh Multi-Wavelength Observations of the Bright Loop-Top Kernels in Solar Flares", 1995SPD....26.1211S [ADS](#)
- Hudson, H. S., Farnik, F., & Watanabe, T., "Yohkoh Observations of Impulse-Response Flares", 1995SPD....26.1210H [ADS](#)
- Hurford, G. J., Bastian, T. S., Gary, D. E., et al., "A Solar Radio Telescope for the Future: Strawman Concept from the SRT Workshop", 1995SPD....26.802H [ADS](#)
- Gary, D. E., Bastian, T. S., Hudson, H. S., et al., "A Solar Radio Telescope for the Future: Science Summary from the SRT Workshop", 1995SPD....26.801G [ADS](#)
- Hudson, H., Haisch, B., & Strong, K. T., "Comment on "The solar flare myth by J. T. Gosling", 1995JGR..100.3473H [ADS](#)
- Lean, J. L., Mariska, J. T., Strong, K. T., et al., "Correlated brightness variations in solar radiative output from the photosphere to the corona", 1995GeoRL..22..655L [ADS](#)
- de La Beaujardiere, J. F., Canfield, R. C., Hudson, H. S., et al., "The 1991 October 24 Flare: A Challenge for Standard Models", 1995ApJ...440..386D [ADS](#)
- Haisch, B., Uchida, Y., Kosugi, T., & Hudson, H. S.: 1995, *Stellar x-ray flares*, Technical Report, Lockheed Solar Observatory Palo Alto, CA United States 1995lock.reptR....H [ADS](#)
- Hudson, H. S., "Solar flares: No "myth""", 1995EOSTr..76..405H [ADS](#)
- Hudson, H. & Ryan, J., "High-Energy Particles In Solar Flares", 1995ARA&A..33..239H [ADS](#)
- Alexander, D., Slater, G. L., Hudson, H. S., McAllister, A. H., & Harvey, K. L., "The large scale coronal eruptive event of April 14 1994", 1994ESASP.373..187A [ADS](#)
- Karovska, M., Habbal, S. R., Golub, L., DeLuca, E., & Hudson, H., "Recovering the fine structures in solar images", 1994ESASP.373..183K [ADS](#)
- Hudson, H. S., "The Yohkoh context for high-energy particles in solar flares", 1994AIPC..294..151H [ADS](#)
- Shibata, K., Nitta, N., Strong, K. T., et al., "A Gigantic Coronal Jet Ejected from a Compact Active Region in a Coronal Hole", 1994ApJ...431L..51S [ADS](#)
- Hudson, H. S., Driel-Gesztesy, L. V., & Kosugi, T., "Analysis of Three YOHKOH White-Light Flares", 1994kofu.symp..397H [ADS](#)
- Driel-Gesztesy, L. V., Hudson, H. S., Anwer, B., & Hiei, E., "A Search for "Black-Light Flares""", 1994kofu.symp..375D [ADS](#)
- Kundu, M. R., Strong, K. T., Pick, M., et al., "Metric Type III Bursts from Flaring X-ray Bright Points", 1994kofu.symp..343K [ADS](#)
- Karovska, M. & Hudson, H. S., "Determining Point Spread Function of Space Observations Using BID Algorithm", 1994kofu.symp..327K [ADS](#)
- Dennis, B. R., Holman, G. D., Hudson, H. S., et al., "Evidence for Both Electron Acceleration and Direct Heating in Solar Flares", 1994kofu.symp..217D [ADS](#)
- White, S. M., Silva, A., de Pater, I., et al., "Multiwavelength Observations of a Solar Flare", 1994kofu.symp..203W [ADS](#)
- Anwer, B., Hiei, E., Hudson, H. S., et al., "Temperature Analysis of the Post-Flare Loops of June 25-26, 1992", 1994kofu.symp..137A [ADS](#)
- Kosugi, T., Sakao, T., Masuda, S., et al., "Hard and Soft X-ray Observations of a Super-Hot Thermal Flare of 6 February, 1992", 1994kofu.symp..127K [ADS](#)
- Hudson, H. S., "Thermal Plasmas in the Solar Corona: the YOHKOH Soft X-Ray Observations", 1994kofu.symp...1H [ADS](#)
- Pap, J. M., Fröhlich, C., Hudson, H. S., & Tobiska, W. K., "Preface", 1994SoPh..152D...9P [ADS](#)
- van Driel-Gesztesy, L., Hudson, H. S., Anwer, B., & Hiei, E., "A Yohkoh search for "black-light flares""", 1994SoPh..152..145V [ADS](#)
- Fröhlich, C., Pap, J. M., & Hudson, H. S., "Improvement of the Photometric Sunspot Index and Changes of the Disk-Integrated Sunspot Contrast with Time", 1994SoPh..152..111F [ADS](#)
- Pap, J. M., Fröhlich, C., Hudson, H. S., & Tobiska, W. K., "The sun as a variable star: Solar and stellar irradiance variations", 1994SoPh..152....P [ADS](#)
- Fisher, B. M., Jones, B., & Hudson, H. S., "Observations of Jovian Thermal Structure at Mid-Infrared Wavelengths", 1994DPS...26.1118F [ADS](#)
- Metcalf, T. R., Canfield, R. C., Hudson, H. S., et al., "Electric Currents and Coronal Heating in NOAA Active Region 6952", 1994ApJ...428..860M [ADS](#)
- Hudson, H. S., "Astronomical photometry from the moon", 1994AdSpR..14f..99H [ADS](#)
- Kundu, M. R., Strong, K. T., Pick, M., et al., "Nonthermal Processes in Flaring X-Ray-bright Points", 1994ApJ...427L..59K [ADS](#)
- Hudson, H. S., Strong, K. T., Dennis, B. R., et al., "Impulsive Behavior in Solar Soft X-Radiation", 1994ApJ...422L..25H [ADS](#)
- Akioka, M., Acton, L. W., & Hudson, H. S., "A Loop-Loop Interaction Observed with YOHKOH SXT", 1994xspy.conf..241A [ADS](#)
- Watanabe, T., Kojima, M., Kozuka, Y., et al., "Interplanetary Consequences of Transient Coronal Events", 1994xspy.conf..207W [ADS](#)
- Klimchuk, J. A., Acton, L. W., Harvey, K. L., et al., "Coronal Eruptions Observed by YOHKOH", 1994xspy.conf..181K [ADS](#)
- Hudson, H. S., Acton, L. W., Sterling, A. C., et al., "Non-Thermal Effects in Slow Solar Flares", 1994xspy.conf..143H [ADS](#)
- Anwar, B., Hiei, E., Hudson, H. S., et al., "Morphological Evolution of the Post-Flare Loops of June 25-26, 1992", 1994xspy.conf..121A [ADS](#)
- Strong, K., Hudson, H., & Dennis, B., "Evidence for Impulsive Soft-X Bursts during Flares", 1994xspy.conf..65S [ADS](#)
- Metcalf, T. R., Canfield, R. C., Hudson, H. S., et al., "Electric Currents and Coronal Structures in NOAA Active Region 6952", 1994xspy.conf..51M [ADS](#)
- Linford, G. A., Hudson, H., & Sterling, A., "YOHKOH Observations of Weak Events Within AR7218", 1994xspy.conf..49L [ADS](#)
- Shibata, K., Nitta, N., Matsumoto, R., et al., "Two Types of Interaction Between Emerging Flux and Coronal Magnetic Field", 1994xspy.conf..29S [ADS](#)
- Leka, K. D., van Driel-Gesztesy, L., Anwar, B., et al., "Diagnostics of Twisted Flux Emergence (noaa AR7260)", 1994xspy.conf..25L [ADS](#)
- "X-ray solar physics from YOHKOH", 1994xspy.conf....U [ADS](#)
- Hudson, H. S., "Spatial Resolution of Solar Total Irradiance Variability: The YOHKOH White-Light Observations", 1994svsp.col1..196H [ADS](#)
- , "Poster Proceedings from IAU Colloquium 143: The Sun as a Variable Star: Solar and Stellar Irradiance Variations", 1994svsp.col1....P [ADS](#)
- Hudson, H., Freeland, S., Lemen, J., et al., "Eclipses of the solar X-ray corona by Mercury and the Moon.", 1994BAAS...26..795H [ADS](#)
- Reardon, K. W., Canfield, R. C., McClymont, A. N., & Hudson, H. S., "Rapid Sunspot Motion Associated with Large Solar Flares", 1994ASPC...68..336R [ADS](#)
- Anwar, B., Acton, L. W., Hudson, H. S., et al., "Rapid Sunspot Motion during a Major Solar Flare", 1993SoPh..147..287A [ADS](#)
- Doschek, G. A., Strong, K. T., Bentley, R. D., et al., "The 1992 January 5 Flare at 13.3 UT: Observations from YOHKOH", 1993ApJ...416..845D [ADS](#)
- Deming, D., Glenar, D., Kostiuk, T., et al., "Imaging Solar Bolometric and Spectral Intensity Using Thermal Detector Arrays", 1993BAAS...25R1221D [ADS](#)
- Silva, A. V., Lin, R. P., de Pater, I., et al., "Millimeter, Microwave and X-Ray Morphology and Spectra of the 07Jan92 Flare", 1993BAAS...25Q1223S [ADS](#)
- Strong, K., Dennis, B., Hudson, H. S., et al., "Survey of Loop-Footpoint Brightenings During the Impulsive Phase of Flares", 1993BAAS...25Q1187S [ADS](#)
- Linford, G. A., Lemen, J. R., & Hudson, H. S., "Yohkoh-SXT Observations of AR Brightenings", 1993BAAS...25Q1187L [ADS](#)
- Dennis, B. R., Holman, G. D., Hudson, H. S., et al., "Evidence for Both Electron Acceleration and Direct Heating in Solar Flares", 1993BAAS...25Q1177D [ADS](#)
- Morrison, M., Bruner, M., Freeland, S., et al., "Yohkoh-SXT Observations from the Spartan and Nix Max91 Campaign", 1993BAAS...25.1213M [ADS](#)
- Metcalf, T. R., Canfield, R. C., Hudson, H. S., et al., "Electric Currents and Coronal Structures in NOAA Active Region 6952", 1993BAAS...25.1179M [ADS](#)
- Lemen, J. R., Slater, G. L., Hudson, H. S., & Acton, L. W., "The Extended and Diffuse X-Ray Corona Observed by Yohkoh-SXT", 1993BAAS...25.1179L [ADS](#)
- Sterling, A. C., Doschek, G. A., Pike, C. D., et al., "Temperatures in Flares Determined from Fe XXV Spectra, Resonance Line Ratios, and GOES X-ray Flux", 1993BAAS...25.1178S [ADS](#)
- de La Beaujardiere, J. F., Canfield, R. C., Hudson, H. S., et al., "The Confined Two-Ribbon Flare of 1991 October 24", 1993BAAS...25.1178D [ADS](#)
- Hudson, H. S., Strong, K. T., Dennis, B. R., et al., "Impulsive Soft X-Ray Emission in Solar Flares", 1993BAAS...25.1177H [ADS](#)
- Saito, T., Minami, S., Kozuka, Y., et al., "Large-scale structure of the solar plasma corona. An analysis of Yohkoh SXT images.", 1993ppcn.conf..215S [ADS](#)

- Hudson, H. S., "Asteroseismology: the impact of solar space observations.", 1993ASPC...40...43H [ADS](#)
- Nitta, N., Harvey, K., Hudson, H., et al., "Correlation between X-ray Temporal Variability and Magnetic Environment in Solar Flares", 1992AA...181.5503N [ADS](#)
- Hudson, H., Nitta, N., Strong, K., & Takakura, T., "Soft X-ray Imaging of Impulsive Evaporation", 1992AA...181.5501H [ADS](#)
- Uchida, Y., McAllister, A., Strong, K. T., et al., "Continual Expansion of the Active-Region Corona Observed by the YOHKOH Soft X-Ray Telescope", 1992PASJ...44L.155U [ADS](#)
- Canfield, R. C., Hudson, H. S., Leka, K. D., et al., "The X Flare of 1991 November 15: Coordinated Mees/Yohkoh Observations", 1992PASJ...44L.111C [ADS](#)
- Sakao, T., Kosugi, T., Masuda, S., et al., "Hard X-Ray Imaging Observations by YOHKOH of the 1991 November 15 Solar Flare", 1992PASJ...44L..83S [ADS](#)
- Hudson, H. S., Acton, L. W., Hirayama, T., & Uchida, Y., "White-Light Flares Observed by YOHKOH", 1992PASJ...44L..77H [ADS](#)
- Acton, L. W., Feldman, U., Bruner, M. E., et al., "The Morphology of 20times 10(6) K Plasma in Large Non-Impulsive Solar Flares", 1992PASJ...44L..71A [ADS](#)
- Tsuneta, S., Hara, H., Shimizu, T., et al., "Observation of a Solar Flare at the Limb with the YOHKOH Soft X-Ray Telescope", 1992PASJ...44L..63T [ADS](#)
- Ogawara, Y., Acton, L. W., Bentley, R. D., et al., "The Status of YOHKOH in Orbit: an Introduction to the Initial Scientific Results", 1992PASJ...44L..410 [ADS](#)
- Donnelly, R. F., Hudson, H., Pap, J., & Willson, R., "Estimating Solar Chromospheric UV Fluxes from Sunspot and Solar Radio Data", 1992ers.conf..275D [ADS](#)
- Chapman, G. A., Lawrence, J. K., & Hudson, H. S., "Photometric Measurements of Sunspots Deficits and Facular Excesses", 1992ers.conf..135C [ADS](#)
- Chapman, G. A., Herzog, A. D., Lawrence, J. K., et al., "Precise ground-based solar photometry and variations of total irradiance", 1992JGR...97.8211C [ADS](#)
- Canfield, R. C., Hudson, H. S., Kiernan, E., Metcalf, T. R., & Wulser, J. P., "SPAM: A Canned Internet-Accessible Database of Interest to Solar Flare Researchers", 1992AA...180.5103C [ADS](#)
- Hudson, H. S., Nitta, N., Paciesas, W., et al., "YOHKOH and Compton Observations of an LDE Event: Reconnection and the Neupert Effect?", 1992AA...180.3409H [ADS](#)
- Metcalf, T. R., Sakao, T., Acton, L. W., et al., "Electric Currents and Hard X-ray Images in the X Class Flare of November 15, 1991", 1992AA...180.3005M [ADS](#)
- Metcalf, T. R., Canfield, R. C., Hudson, H. S., et al., "Electric Currents and Coronal Structures in Two Flare-Productive Active Regions, AR 6850 and AR 6952", 1992AA...180.3004M [ADS](#)
- Hudson, H. S., Wulser, J. P., Acton, L., & Uchida, Y., "White-Light Flares Observed by YOHKOH", 1992AA...180.2309H [ADS](#)
- Metcalf, T. R., Wuelser, J.-P., Canfield, R. C., & Hudson, H. S., "Search for evidence of low energy protons in solar flares.", 1992NASCP3137..536M [ADS](#)
- Enome, S., Nakajima, H., Hudson, H. S., & Schwartz, R., "Gamma-ray and microwave emission from 1991 June events.", 1992NASCP3137..522E [ADS](#)
- Pap, J. M., Donnelly, R. F., Hudson, H. S., Rottman, G. J., & Willson, R. C., "Variability of solar ultraviolet irradiance.", 1991JATP...53..999P [ADS](#)
- Buffington, A., Booth, C. H., & Hudson, H. S., "Using Image Area to Control CCD Systematic Errors in Spaceborne Photometric and Astrometric Time-Series Measurements", 1991PASP...103..685B [ADS](#)
- Hudson, H. S., Kleczek, J., & Švestka, Z., "Book reviews", 1991SoPh..133..403H [ADS](#)
- Hudson, H. S., "Solar flares, microflares, nanoflares, and coronal heating", 1991SoPh..133..357H [ADS](#)
- Willson, R. C. & Hudson, H. S., "The Sun's luminosity over a complete solar cycle", 1991Natur.351...42W [ADS](#)
- Withbroe, G. L., Fisher, R. R., Antiochos, S., et al., "Report of the solar physics panel", 1991spsi....1..67W [ADS](#)
- Hudson, H. S., "Differential Emission-Measure Variations and the "Neupert Effect""", 1991BAAS...23R1064H [ADS](#)
- Hudson, H. S., "Solar Gamma-Ray Spectroscopy with BATSE", 1991BAAS...23..1074H [ADS](#)
- Hudson, H. S. & Willson, R. C., "Total Irradiance and the Solar Cycle", 1991BAAS...23.1067H [ADS](#)
- Chapman, G. A., Lawrence, J. K., & Hudson, H. S., "Total Solar Irradiance Variations Compared with Ground-Based Photometry at the SFO", 1991BAAS...23.1067C [ADS](#)
- Fisher, B., Hudson, H., Jones, B., Piña, R., & Puetter, R., "Time-Series Images of Jupiter at 10 Microns", 1991BAAS...23..961F [ADS](#)
- Lawrence, J. K., Chapman, G. A., Herzog, A. D., et al., "Ground-Based Modelling of Solar Irradiance Variations", 1991BAAS...23..960L [ADS](#)
- Fröhlich, C., Foukal, P. V., Hickey, J. R., Hudson, H. S., & Willson, R. C., "Solar Irradiance Variability from Modern Measurements", 1991suti.conf...11F [ADS](#)
- Acton, L. W. & Hudson, H. S., "Capabilities and Limitations of SOLAR-A", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), Flare Physics in Solar Activity Maximum 22, Vol. 387, 28 1991LNP...387..28A [ADS](#)
- Hudson, H. S., "A Space Parasol as a Countermeasure Against the Greenhouse Effect", 1991JBIS...44..139H [ADS](#)
- Hudson, H. S., "Helioseismology with the ACRIM instrument on the solar maximum mission", 1991AdSpR..11d..61H [ADS](#)
- Hudson, H. S., Crannell, C. J., Dennis, B. R., et al., "Hard X-ray and gamma-ray imaging spectroscopy for the next solar maximum.", 1990SPIE.1344..492H [ADS](#)
- , "Conference on EUV, X-Ray, and Gamma-Ray Instrumentation for Astronomy", 1990SPIE.1344....S [ADS](#)
- Walker, Arthur B. C., Jr., Bailey, W., Chupp, E. L., et al., "The Advanced Solar Observatory", 1990OptEn..29.1306W [ADS](#)
- Booth, C. H., Hudson, H. S., & Buffington, A., "Using Image Size to Control CCD Systematic Errors in Spaceborne Photometric and Astrometric Time-Series Measurements", 1990BAAS...22.1259B [ADS](#)
- Hudson, H. S., "The ACRIM data in the context of stellar variability.", 1990NASCP3086..280H [ADS](#)
- Pap, J., Hudson, H. S., Rottman, G. J., et al., "Modeling solar Lyman alpha irradiance.", 1990NASCP3086..189P [ADS](#)
- Walker, A. B., Bailey, W. L., Chupp, E. L., et al., "Advanced Solar Observatory", 1990SPIE.1235..802W [ADS](#)
- Hudson, H. & Hildner, E., "A "solar watch" program for the Human Exploration Initiative", 1990AIPC..207..584H [ADS](#)
- Hudson, H., "Solar physics from the Moon: Summary of panel discussions", 1990AIPC..207..109H [ADS](#)
- Buffington, A., Hudson, H. S., & Booth, C. H., "A Laboratory Measurement of CCD Photometric and Dimensional Variability", 1990PASP..102..688B [ADS](#)
- Hudson, H. S., "Solar Flares and "Microflaring""", 1990BAAS...22..898H [ADS](#)
- Fisher, B. M., Hudson, H. S., & Willson, R. C., "Solar Luminosity Variability up to 10 mHz", 1990BAAS...22..897F [ADS](#)
- Chapman, G. A., Herzog, A. D., Lawrence, J. K., et al., "Solar Variability Measured by SMM/ACRIM Compared with Ground-Based Photometry", 1990BAAS...22..897C [ADS](#)
- Davis, J. M. & Hudson, H. S., "A Lunar Based Solar Observatory and the Human Exploration Initiative", 1990BAAS...22..880D [ADS](#)
- Hudson, H. S. & Davis, J. M., "Space Astrophysics with Large Structures: CASES and P/OF", 1990AIPC..211..134H [ADS](#)
- de Graaf, W., Doorn, C., Wesselius, P. R., et al., "Book reviews", 1989SSRv...51..425D [ADS](#)
- Neidig, D. F. & Hudson, H. S., "Book-Review - Solar Physics in the 1990'S", 1989Sci...246..246N [ADS](#)
- Hudson, H. S. & Davis, J. M., "Pinhole/Occulter Facility", 1989SPIE.1159..318H [ADS](#)
- Walker, A. B. C., Acton, L., Brückner, G., et al., "Report from solar physics", 1989stss.work...31W [ADS](#)
- Hudson, H. S., Booth, C., & Buffington, A., "Laboratory Analysis of a CCD as a Sensor for Time-Series Photometry", 1989BAAS...21R1070H [ADS](#)
- Buffington, A., Hudson, H. S., & Booth, C., "Laboratory Analysis of a CCD as a Panoramic Astrometric Detector", 1989BAAS...21Q1109B [ADS](#)
- Starr, R., Crannell, C. J., Orwig, L. E., et al., "Imaging Solar Flare Gamma-Rays and Hard X-rays with The Gamma Ray Imaging Device (GRID) on a Balloon", 1989BAAS...21.1151S [ADS](#)
- Orwig, L. E., Crannell, C. J., Dennis, B. R., et al., "Solar Flare Gamma-Ray and Hard X-ray Imaging with the GRID-on-a-Balloon", 1989BAAS...21..8610 [ADS](#)
- Fishman, G. J., Meegan, C. A., Wilson, R. B., et al., "The BATSE Experiment for the GRO - Solar Flare Hard X-Ray and Gamma-Ray Capabilities", 1989BAAS...21..860F [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Flare energetics.", 1989epos.conf..377W [ADS](#)
- Orwig, L. E., Crannell, C. J., Dennis, B. R., et al., "Solar flare gamma-ray and hard X ray imaging with the GRID-on-a-balloon", 1989dots.work..1430 [ADS](#)
- Fishman, G. J., Meegan, C. A., Wilson, R. B., et al., "The BATSE experiment on the Gamma Ray Observatory: Solar flare hard X ray and gamma-ray capabilities", 1989dots.work..96F [ADS](#)
- Christiansen-Dalsgaard, J., Frandsen, S., & Hudson, H. S., "Book-Review - Advances in Helio and Asteroseismology", 1989SSRv...51..431C [ADS](#)
- Jackson, B. V., Hudson, H. S., Nichols, J. D., & Gold, R. E., "Design considerations for a "Solar Mass Ejection Imager" on a rotating spacecraft.", 1989GMS....54..2911 [ADS](#)

- Fishman, G. J., Meegan, C. A., Parnell, T. A., et al., "Solar response of the BATSE instrument on the gamma-ray observatory", 1988fnsm.work..204F [ADS](#)
- Willson, R. C. & Hudson, H. S., "Solar luminosity variations in solar cycle 21", 1988Natur.332..810W [ADS](#)
- Prince, T. A., Hurford, G. J., Hudson, H. S., & Crannell, C. J., "Gamma-Ray and Hard X-Ray Imaging of Solar Flares", 1988SoPh..118..269P [ADS](#)
- Hudson, H., Matteson, J. L., Fishman, G. J., et al., "Solar Capability of the BATSE Experiment on GRO", 1988BAAS...20..747H [ADS](#)
- Davis, J. M., Weisskopf, M. C., Hudson, H. S., & Hurford, G. J., "An Instrument for High Angular Resolution, Hard X-Ray Observations of the Galactic Center", 1988BAAS...20..677D [ADS](#)
- Hudson, H. & Willson, R., "The Nature of the Solar-Cycle Variation of Total Irradiance", 1988srov.proc..318H [ADS](#)
- Dennis, B., Canfield, R., Bruner, M., et al.: 1988, *Max '91: Flare research at the next solar maximum*, 1988STIN...881491D [ADS](#)
- Hudson, H. S., "High-energy detector calibration and observation of non-thermal and "superhot" sources", 1988AdSpR...8k.229H [ADS](#)
- Hudson, H. S., "Outstanding problems of solar flare research", 1988AdSpR...8k..7H [ADS](#)
- Neidig, D. F. & Hudson, H. S., "Solar physics in the 1990s. Proceedings. Workshop XV and the COSPAR Interdisciplinary Scientific Commission E (Meeting E1) of the 27. COSPAR Plenary Meeting: Solar physics in the 1990s, Espoo (Finland), 18 - 29 Jul 1988.", 1988AdSpR...8k....N [ADS](#)
- Hudson, H. S., "Modelling of total solar irradiance variability: An overview", 1988AdSpR...8g..15H [ADS](#)
- Hudson, H. S., "Observed variability of the solar luminosity.", 1988ARA&A..26..473H [ADS](#)
- Hudson, H. S., "Solar variability and oscillations.", 1987RvGeo..25..651H [ADS](#)
- Hudson, H. S., "Subphotospheric current systems and flares", 1987SoPh..113..315H [ADS](#)
- Hudson, H. S., "Solar flare discovery", 1987SoPh..113....1H [ADS](#)
- Hudson, H. & Kai, K., "Recent advances in the understanding of solar flares : 2 : 1987", 1987SoPh..113....H [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Review of Impulsive Phase Phenomena", 1986epos.conf.5.60W [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Flares Chosen for Energetics Study", 1986epos.conf.5.47W [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Characterization of the Total Flare Energy", 1986epos.conf.5.41W [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Relationships among the Phases", 1986epos.conf.5.39W [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Energetics of the Gradual Phase", 1986epos.conf.5.20W [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Energetics of the Impulsive Phase", 1986epos.conf..5.5W [ADS](#)
- Wu, S. T., De Jager, C., Dennis, B. R., et al., "Flare energetics", 1986epos.conf..5.1W [ADS](#)
- Willson, R. C., Hudson, H. S., Fröhlich, C., & Brusa, R. W., "Long-Term Downward Trend in Total Solar Irradiance", 1986Sci...234.1114W [ADS](#)
- Hudson, H. S., "Components of the Variability of Solar Luminosity", 1986BAAS...18..981H [ADS](#)
- Harvey, J. W., Stenflo, J. O., Hudson, H. S., Noyes, R. W., & Kotrc, P., "Book-Review - Solar-Space Observations and Stellar Prospects", 1986BAICz..37..252H [ADS](#)
- Hudson, H. S., "The concept of the Pinhole/Occulter Facility.", 1986sfcp.nasa....5H [ADS](#)
- Savage, B. D., Becklin, E. E., Cassinelli, J. P., et al.: 1986, *The Explorer program for astronomy and astrophysics* 1986STIN...9014159S [ADS](#)
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Flare energetics.", 1986NASCSP2439....5W [ADS](#)
- Hudson, H. S., "The concept of the Pinhole/Occulter Facility.", 1986NASCSP2421....5H [ADS](#)
- Hudson, H. S., "Energy balance in solar active regions: The dip of April, 1985", 1986AdSpR...6h..81H [ADS](#)
- Praderie, F. & Hudson, H. S., "Solar and stellar activity. Proceedings of Symposium 11 and of the Topical Meeting of the COSPAR Interdisciplinary Scientific Commission E (Meeting E2) of the COSPAR Twenty-sixth Plenary Meeting held in Toulouse, France, 30th June - 11th July 1986.", 1986AdSpR...6h....P [ADS](#)
- Hudson, H. S., "The over-the-limb hard X-ray events", 1986AdSpR...6f.199H [ADS](#)
- Harvey, J. W., Hudson, H. S., Noyes, R. W., & Zirker, J. B., "Book-Review - Solar/Space Observations and Stellar Prospects", 1985Sci...230..660H [ADS](#)
- Hudson, H. S., "Energetic ions in solar γ -ray flares", 1985SoPh..100..515H [ADS](#)
- Harvey, J. W., Hudson, H. S., & Noyes, R. W., "Book-Review - Solar Space Observations and Stellar Prospects", 1985Natur.317...91H [ADS](#)
- Harvey, J. W., Hudson, H. S., & Noyes, R. W., "Book-Review - Solar / Space Observations and Stellar Prospects", 1985Sci...229..787H [ADS](#)
- Hudson, H. S., "Ion Energy Storage for Post-Flare Loops", 1985ICRC....4...58H [ADS](#)
- Hudson, H. S., Ohki, K. I., & Tsuneta, S., "A Extended "superhot" Solar Flare X-Ray Source", 1985ICRC....4...50H [ADS](#)
- Borucki, W. J., Scargle, J. D., & Hudson, H. S., "Detectability of extrasolar planetary transits", 1985ApJ...291..852B [ADS](#)
- Venkataraman, A., Hudson, H. S., & Jackson, B. V., "The Brightness of the Interplanetary Medium in Thomson Scattering from 0.3 to 1.0 AU: Comparison with a View from Helios B", 1985BAAS...17..638V [ADS](#)
- Hudson, H. S., "Post-flare Loop Heating by Trapped Superthermal Protons", 1985BAAS...17..628H [ADS](#)
- Hudson, H. S., "Problems of Energy Transport in Solar Active Regions and Flares", 1985spit.conf..348H [ADS](#)
- Hudson, H. S., "A survey for photometric variability from space", 1984NASCSP2350...43H [ADS](#)
- Hudson, H. S. & Te Kolste, R., "Ionospheric Detection of X-ray Pulsars", 1984BAAS...16..982H [ADS](#)
- Willson, R. C., Hudson, H., & Woodard, M., "The Inconstant Solar Constant", 1984S&T....67..501W [ADS](#)
- Woodard, M. & Hudson, H., "Total irradiance observations of low degree p-modes", 1984MmSAI..55..67W [ADS](#)
- Hudson, H. S., Chapman, G. A., & LaBonte, B. J., "A Global Irradiance Program", 1984NASCSP2310..313H [ADS](#)
- Hudson, H. S., "Drift Scan Photometry and Astrometry", 1984NASCSP2310..297H [ADS](#)
- Hirayama, T., Okamoto, T., & Hudson, H. S., "Facular limb-darkening functions for irradiance modeling.", 1984NASCSP2310...59H [ADS](#)
- , "Solar Irradiance Variations on Active Region Time Scales", 1984NASCSP2310.....L [ADS](#)
- Hudson, H. S., "High Energy Aspects of Solar Flares", 1984BAAS...16..480H [ADS](#)
- Dwivedi, B. N., Hudson, H. S., Kane, S. R., & Svestka, Z., "H α and Hard X-Ray Development in Two-Ribbon Flares", 1984SoPh...90..331D [ADS](#)
- Hudson, H. S., "An All-Sky Photometric Explorer", 1984srps.conf..197H [ADS](#)
- Labonte, B. J., Chapman, G. A., Hudson, H. S., et al.: 1984, *Solar irradiance variations on active region time scales. Proceedings of a workshop held at the California Institute of Technology, Pasadena, California, June 20 - 21, 1983.* 1984sivo.book.....L [ADS](#)
- Hudson, H. S., "Solar Flux Variations and Concepts for a Stellar Photometric Satellite", in S. L. Baliunas and L. Hartmann (Eds.), *Cool Stars, Stellar Systems, and the Sun*, Vol. 193, 173 1984LNP...193..173H [ADS](#)
- Hudson, H. S., "A survey for photometric variability from space", 1984AdSpR...4h.169H [ADS](#)
- Hudson, H. S., "Solar total irradiance and sunspot area in 1981", 1984AdSpR...4h.113H [ADS](#)
- Harvey, J. W., Hudson, H. S., & Noyes, R. W., "Solar-space observations and stellar prospects. Proceedings of the Topical Meeting of the COSPAR Interdisciplinary Scientific Commission E (Meetings E1, E2, and E6) of the COSPAR Twenty-fifth Plenary Meeting held in Graz, Austria, 25th June - 7th July 1984.", 1984AdSpR...4h....H [ADS](#)
- Harvey, J. W., Hudson, H. S., & Noyes, R. W., "Preface", 1984AdSpR...4d..1H [ADS](#)
- Hoyt, D. V., Eddy, J. A., & Hudson, H. S., "Sunspot areas and solar irradiance variations during 1980", 1983ApJ...275..878H [ADS](#)
- Woodard, M. & Hudson, H. S., "Frequencies, amplitudes and linewidths of solar oscillations from total irradiance observations", 1983Natur.305..589W [ADS](#)
- Hudson, H. S., Jones, H., & McIntosh, P., "Variations of Total Solar Irradiance During Rapid Sunspot Growth", 1983BAAS...15Q.950H [ADS](#)
- Woodard, M. F. & Hudson, H. S., "Upper Limits on the Internal Rotation Rate of the Sun", 1983BAAS...15..951W [ADS](#)
- Huetter, G. J., Hudson, H. S., Matteson, J. L., Rothschild, R. E., & Peterson, L. E., "Observation of An Absorption Feature in Gamma Ray Burst Spectrum", 1983ICRC....1...95H [ADS](#)
- Kane, S. R., Uchida, Y., Tanaka, K., & Hudson, H. S., "Foreword", 1983SoPh..86D..9K [ADS](#)
- Hudson, H., "Location of X-Ray and Microwave Sources", 1983SoPh..86..444H [ADS](#)
- Hudson, H. S. & Uchida, Y., "Open discussion of controversial points", 1983SoPh..86..435H [ADS](#)
- Hudson, H. S. & Willson, R. C., "Upper Limits on the Total Radiant Energy of Solar Flares", 1983SoPh..86..123H [ADS](#)

- Kane, S. R., Uchida, Y., Tanaka, K., & Hudson, H. S., "Recent advances in the understanding of solar flares : proceedings of the U.S.-Japan seminar held at Komaba, Tokyo, 5-8 October 1982", 1983SoPh...86....K [ADS](#)
- Tandberg-Hanssen, E. A., Hudson, H. S., Dabbs, J. R., & Baity, W. A.: 1983, *The Pinhole/Occulter Facility*, 1983pof..rept.....T [ADS](#)
- Bai, T., Hudson, H. S., Pellin, R. M., et al., "First-order Fermi acceleration in solar flares as a mechanism for the second-step acceleration of prompt protons and relativistic electrons", 1983ApJ...267..433B [ADS](#)
- Durouchoux, P., Hudson, H., Matteson, J., et al., "Gamma-ray imaging with a rotating modulator", 1983A&A...120..150D [ADS](#)
- Hudson, H. S. & Woodard, M. F., "Solar Surface Granulation and Variations of Total Irradiance", 1983BAAS...15R.715H [ADS](#)
- Hudson, H. & Ohki, K., "The Soft Thermal Component of Flare Hard X-ray Sources", 1983BAAS...15Q.715H [ADS](#)
- Hudson, H. S.: 1983a, *Solar coronal non-thermal processes (Solar Maximum Mission)*, Final Report California Univ., San Diego, La Jolla. Center for Astrophysics and Space Sciences. 1983ucsd.reptQ....H [ADS](#)
- Hudson, H. S., "Variations of the Solar Radiation Input", 1983wcrs.proc...31H [ADS](#)
- Hudson, H. S., Dupree, A. K., & Linsky, J. L.: 1983, Achievements in space astrophysics : proceedings of the topical meeting of the COSPAR Interdisciplinary Scientific Commission E of the COSPAR twenty-fourth plenary meeting held in Ottawa, Canada, 16th May-2nd June 1982 1983asap.book....H [ADS](#)
- , "Studies with the Pinhole/Occulter Facility", 1983aiaaa.meetQ....T [ADS](#)
- Woodard, M. & Hudson, H., "Solar Oscillations Observed in the Total Irradiance", 1983SoPh...82..67W [ADS](#)
- Acton, L. W., Leibacher, J. W., Canfield, R. C., et al., "Chromospheric evaporation in a well-observed compact flare", 1982ApJ...263..409A [ADS](#)
- Dabbs, J. R., Tandberg-Hanssen, E. A., & Hudson, H. S.: 1982, *The Pinhole/Occulter facility* 1982pof..rept.....D [ADS](#)
- Hudson, H. S.: 1982a, *Solar analysis of solar-constant monitoring package (SMM)*, Final Report California Univ., San Diego, La Jolla. Center for Astrophysics and Space Sciences. 1982ucsd.rept....H [ADS](#)
- Hudson, H. S., "Sensitive Upper Limits on the Total Luminosity of Solar Flares", 1982BAAS...14..899H [ADS](#)
- Woodard, M. F. & Hudson, H. S., "What are Solar Irradiance Observations of Global Oscillations Telling Us?", 1982BAAS...14..864W [ADS](#)
- Hudson, H. S., Silva, S., Woodard, M., & Willson, R. C., "The Effects of Sunspots on Solar Irradiance", 1982SoPh...76..211H [ADS](#)
- Huetter, G. J., Hudson, H. S., & Matteson, J. L., "Detection of Gamma-Ray Bursts with the Hard X-Ray and Low Energy Gamma-Ray Experiment on HEAO-1", 1982BAAS...14..619H [ADS](#)
- Hudson, H. S. & Dwivedi, B. N., "Gamma Radiation and Photospheric White-Light Flare Continuum", 1982SoPh...76..45H [ADS](#)
- Woodward, M., Hudson, H., & Willson, R., "Variability of Solar Total Irradiance", 1982pcvv.conf..152W [ADS](#)
- Hudson, H. S., Lin, R. P., & Stewart, R. T., "Second-Stage Acceleration in a Limb-Occluded Flare", 1982SoPh...75..245H [ADS](#)
- Dabbs, J. R., Tandberg-Hanssen, E. A., & Hudson, H. S., "The Pinhole/Occulter Facility. Executive summary.", 1982NASTP2089....D [ADS](#)
- Canfield, R. C., Gunkler, T. A., Hudson, H. S., et al., "Direct evidence for chromospheric evaporation in a well-observed compact flare", 1982AdSpR...2k.145C [ADS](#)
- Hudson, H. S., Dupree, A. K., & Linsky, J., "Achievements in space astrophysics; Proceedings of the Topical Meeting, Ottawa, Canada, May 16-June 2, 1982", 1982AdSpR...2i....H [ADS](#)
- Hudson, H. S., "The pinhole/occultor facility", 1982AdSpR...2d.307H [ADS](#)
- Klebesadel, R. W., Evans, W. D., Laros, J. G., et al., "A third-generation small spectroscopy experiment for hard transient events", 1982AIPC...77..469K [ADS](#)
- Hudson, H. S., "High-energy observations of stellar flares: comparison with the sun", 1982AIPC...77..383H [ADS](#)
- Hudson, H. S., "High-Energy Observations of Stellar Flares - Comparison with the Sun", 1982AIPC...77..382H [ADS](#)
- , "Gamma ray transients and related astrophysical phenomena", 1982AIPC...77....L [ADS](#)
- Hudson, H. S., Ip, W. H., & Mendis, D. A., "An Einstein search for X-ray emission from comet Bradfield (1979I)", 1981P&SS...29.1373H [ADS](#)
- Hudson, H. S., Kohl, J. L., Lin, R. P., et al.: 1981b, *The Pinhole/Occulter Facility* 1981pof..rept.....H [ADS](#)
- Hudson, H. S., Woodward, M., & Willson, R. C., "The Effects of Solar Activity on the Total Solar Irradiance", 1981BAAS...13R.877H [ADS](#)
- Canfield, R. C., Acton, L. W., Gunkler, T. A., et al., "Direct Evidence for Chromospheric Evaporation in a Well-Observed Compact Flare", 1981BAAS...13R.819C [ADS](#)
- Bai, T. & Hudson, H. S., "Interpretation of the 'Second-step' Acceleration in the Impulsive Phase of a Solar Flare", 1981BAAS...13..912B [ADS](#)
- Woodard, M., Hudson, H., & Willson, R. C., "Observations of p-mode Oscillations in the Total Solar Irradiance", 1981BAAS...13..858W [ADS](#)
- Willson, R. C. & Hudson, H. S., "Variations of solar irradiance", 1981ApJ...244L.185W [ADS](#)
- Willson, R. C., Gulkis, S., Janssen, M., Hudson, H. S., & Chapman, G. A., "Observations of Solar Irradiance Variability", 1981Sci...211..700W [ADS](#)
- Hudson, H. S. & Willson, R. C., "Sunspots and solar variability", 1981phss.conf..434H [ADS](#)
- Willson, R. C. & Hudson, H. S., "Solar Maximum Mission experiment: initial observations by the Active Cavity Radiometer", 1981hea..conf..285W [ADS](#)
- Hudson, H. S., "X-ray and gamma-ray observations of a white-light flare.", 1981hea..conf..247H [ADS](#)
- Willson, R. C. & Hudson, H. S., "Solar maximum mission experiment: Initial observations by the active cavity radiometer", 1981AdSpR...1m.285W [ADS](#)
- Hudson, H. S., "X-ray and gamma-ray observations of a white-light flare", 1981AdSpR...1m.247H [ADS](#)
- Hudson, H. S., "High-energy astrophysics. Proceedings of Symposium 5 and the Topical Meeting of the COSPAR Interdisciplinary Scientific Commission E of the COSPAR Twenty-third Plenary Meeting held in Budapest, Hungary, 2 - 14 June 1980", 1981AdSpR...1m....7H [ADS](#)
- Hudson, H. S., "High-energy astrophysics : proceedings of symposium 5 and the topical meeting of the COSPAR Interdisciplinary Scientific Commission E of the COSPAR twenty-third plenary meeting held in Budapest, Hungary, 2-14 June 1980", 1981AdSpR...1m....H [ADS](#)
- Hudson, H. S., Woodard, M., & Willson, R. C., "Variability of Total Solar Irradiance: the Flux Deficit of Sunspots", 1980BAAS...12Q.898H [ADS](#)
- Dwivedi, B. N., Hudson, H. S., Kane, S. R., & Svestka, Z., "Ha and Hard X-Ray Development in Two-Ribbon Flares", 1980BAAS...12..905D [ADS](#)
- Hudson, H. S. & Dwivedi, B. N., "The Necessary Conditions for White-light Flaring from Proton Bombardment", 1980BAAS...12..480H [ADS](#)
- Hudson, H. S., Bai, T., Gruber, D. E., et al., "HEAO 1 observations of gamma-ray lines from a solar flare", 1980ApJ...236L..91H [ADS](#)
- Kane, S. R., Crannell, C. J., Datlowe, D., et al., "Impulsive phase of solar flares", 1980sfs1.work..187K [ADS](#)
- Lingenfelter, R. E. & Hudson, H. S., "Solar particle fluxes and the ancient sun", 1980asfr.symp...69L [ADS](#)
- Bai, T., Hudson, H. S., & Lingenfelter, R. E., "Analysis of HEAO-1 Solar Gamma-Ray Spectra", 1979BAAS...11R.658B [ADS](#)
- Gosnell, T. R., Hudson, H., & Puettner, R. C., "Ground-based observations of sources in the AFGL infrared sky survey.", 1979AJ.....84..538G [ADS](#)
- Hudson, H., Levan, P., & Lindsey, C.: 1979, *Infrared continuum observations of the solar atmosphere*, Final Report California Univ., San Diego, La Jolla. Department of Physics. 1979ucsd.rept....H [ADS](#)
- Hudson, H. S., "Observations of particle accelerator in solar flares", 1979AIPC...56..115H [ADS](#)
- Hudson, H. S., Canfield, R. C., & Kane, S. R., "Indirect estimation of energy deposition by non-thermal electrons in solar flares.", 1978SoPh...60..137H [ADS](#)
- Hudson, H. S., "Hard X-ray imaging from the solar probe", 1978clus.nasa..132H [ADS](#)
- Hudson, H. S., "New perspectives for solar observations", 1978clus.nasa...81H [ADS](#)
- Hudson, H. S. & Lin, R. P., "Large scale telescopes for high resolution X-ray and gamma-ray astronomy.", 1978SSI....4..101H [ADS](#)
- Hudson, H. S., "A purely coronal hard X-ray event.", 1978ApJ...224..235H [ADS](#)
- Hudson, H. S., Baity, W. A., Gruber, D. E., et al., "HEAO-1 Response to Solar Gamma Rays.", 1978BAAS...10..516H [ADS](#)
- Hudson, H. S., "Threshold effect in second-stage acceleration.", 1978SoPh...57..237H [ADS](#)
- Hudson, H. S., "OSO-7 Observations of Coronal Hard X-Ray Sources.", 1978BAAS...10..454H [ADS](#)
- Hudson, H. S., Hurford, G. J., Peterson, L. E., & van Beek, H. F., "A Grid Telescope for Imaging Hard X-Rays", 1978nisa.symp..297H [ADS](#)
- Cohen, M., Hudson, H. S., O'Dell, S. L., & Stein, W. A., "A study of the planetary nebulae Abell 30 and Abell 78.", 1978IAUS...76..356C [ADS](#)
- Cohen, M., Hudson, H. S., O'Dell, S. L., & Stein, W. A., "A study of the planetary nebulae Abell 30 and Abell 78.", 1977MNRAS.181..233C [ADS](#)
- Datlowe, D. W., Elcan, M. J., Hudson, H. S., & Peterson, L. E., "Do All Flares Have Impulsive Phases?", 1977BAAS....9..569D [ADS](#)
- Hudson, H. S., "Effects of Electrons versus Protons in the Solar Atmosphere (Proceedings of the Meeting 'How Can Flares be Understood?', held during the 16th General Assembly of the IAU in Grenoble, France, on 27 August, 1976.)", 1977SoPh...53..295H [ADS](#)
- Gallagher, J. S. & Hudson, H. S., "Surface photometry of the SB0 galaxy NGC 1023.", 1976PASP...88..824G [ADS](#)

- Peterson, L. E., Hudson, H. S., Hurford, G., & Schneible, D.: 1976a, *Hard X-ray imaging facility for space shuttle: A scientific and conceptual engineering study*, 1976STIN...7822016P [ADS](#)
- Peterson, L. E., Hudson, H. S., & Tsikoudi, V., "New Upper Limits on Jovian X Rays", 1976Icar...29..419P [ADS](#)
- Gallagher, J. S. & Hudson, H. S., "Surface photometry of the spiral galaxy IC 2233 and the existence of massive halos.", 1976ApJ...209..389G [ADS](#)
- Lin, R. P. & Hudson, H. S., "Non-thermal processes in large solar flares.", 1976SoPh...50..153L [ADS](#)
- Campbell, M. F., Elias, J. H., Gezari, D. Y., et al., "Far-infrared observations of IRC +10216.", 1976ApJ...208..396C [ADS](#)
- Hudson, H. S. & Soifer, B. T., "Submillimeter observations of NGC 2024, OMC-2, and Mon R-2.", 1976ApJ...206..100H [ADS](#)
- Lindsey, C. & Hudson, H. S., "Solar limb brightening in submillimeter wavelengths.", 1976ApJ...203..753L [ADS](#)
- Hudson, H. S., "The Solar-Flare Infrared Continuum: Observational Techniques and Upper Limits", 1975SoPh...45..69H [ADS](#)
- Tsikoudi, V. & Hudson, H., "Upper limits on stellar flare X-ray emission from OSO-3.", 1975A&A...44..273T [ADS](#)
- Ohki, K. & Hudson, H. S., "The Solar-flare Infrared Continuum", 1975SoPh...43..4050 [ADS](#)
- Hudson, H. S. & Soifer, B. T., "Submillimeter Observations of NGC 2024, OMC-2, and Mon R-2", 1975BAAS...7..465H [ADS](#)
- Peterson, L. E., Datlowe, D. W., Elcan, M. J., & Hudson, H. S., "Solar Hard X-Ray Burst Phenomena", 1975BAAS...7..399P [ADS](#)
- Gallagher, J. S. & Hudson, H. S., "Beam-Switched Surface Photometry of Galaxies", 1975BAAS...7..396G [ADS](#)
- Lindsey, C. & Hudson, H. S., "Solar Limb Brightening at Submillimeter wavelengths", 1975BAAS...7..360L [ADS](#)
- Elcan, M. J., Datlowe, D. W., Hudson, H. S., & Peterson, L. E., "The Shape of the Hard Solar X-Ray Spectrum", 1975BAAS...7..354E [ADS](#)
- Datlowe, D. W., Elcan, M. J., Hudson, H. S., & Peterson, L. E., "Center to Limb Variations in Solar Hard X-Ray Spectra", 1975BAAS...7..354D [ADS](#)
- Cohen, M., Anderson, C. M., Cowley, A., et al., "The peculiar object HD 44179 ("The red rectangle").", 1975ApJ...196..179C [ADS](#)
- Hudson, H. S., "The solar X-ray continuum below 10 keV", 1975xris.conf..233H [ADS](#)
- Datlowe, D. W. & Hudson, H. S., "Relationship between hard and soft X-ray sources observed by OSO-7", 1975IAUS...68R.209D [ADS](#)
- Datlowe, D. W. & Hudson, H. S., "Relationship between hard and soft solar X-ray sources observed by OSO-7", 1975IAUS...68Q.209D [ADS](#)
- Hudson, H. S., Jones, T. W., & Lin, R. P., "Nonthermal Processes in Large Solar Flares", 1975IAUS...68..425H [ADS](#)
- Datlowe, D. W. & Hudson, H. S., "Relationship Between Hard and Soft Solar X-Ray Sources Observed by OSO 7", 1975IAUS...68..209D [ADS](#)
- Datlowe, D. W., Elcan, M. J., & Hudson, H. S., "OSO-7 observations of solar x-rays in the energy range 10 100 keV", 1974SoPh...39..155D [ADS](#)
- Hudson, H. S., Lindsey, C. A., & Soifer, B. T., "Submillimeter Observations of Planets", 1974Icar...23..374H [ADS](#)
- Soifer, B. T. & Hudson, H. S., "Submillimeter Observations of the Orion Nebula and NGC 2024", 1974ApJ...191L..83S [ADS](#)
- Datlowe, D. W., Hudson, H. S., & Peterson, L. E., "Observations of solar X-ray bursts in the energy range 5 15 keV", 1974SoPh...35..193D [ADS](#)
- Lin, R. P., Hudson, H. S., & Jones, T. W., "Non-thermal Processes in Large Solar Flares", 1974BAAS...6R.290L [ADS](#)
- Hudson, H. S., "Infrared Continuum Observations of 300-sec Oscillations", 1974BAAS...6R.289H [ADS](#)
- Datlowe, D. & Hudson, H., "Observations of Solar X-Ray Bursts in the Energy Range 5-15 keV", 1974BAAS...6..285D [ADS](#)
- Tsikoudi, V. & Hudson, H., "Search of OSO-3 data for X-ray emission from stellar flares.", 1974BAAS...6..264T [ADS](#)
- Hudson, H. & Tsikoudi, V., "Absence of Cosmic Gamma-Ray Bursts in Association with Normal Stellar Flares", 1974tgcx.conf...93H [ADS](#)
- Hudson, H. S. & Lindsey, C. A., "Direct Observation of Temperature Amplitude of Solar 300-SECOND Oscillations", 1974ApJ...187L..35H [ADS](#)
- Hudson, H. & Tsikoudi, V., "Absence of Cosmic γ -ray Bursts in Association with Normal Stellar Flares", 1973NPhS..245..88H [ADS](#)
- Hudson, H. S., "Far Infrared Observations of Solar Flares", 1973BAAS...5..274H [ADS](#)
- Hudson, H. S., "Nonthermal X-rays and Related Processes", in NASA Special Publication, Vol. 342, 207 1973NASSP.342..207H [ADS](#)
- Uchida, Y. & Hudson, H., "Search for Weak White-Light Flares by Time-Wise Photographic Cancellation", 1972SoPh...26..414U [ADS](#)
- Hudson, H. S., "Thick-Target Processes and White-Light Flares", 1972SoPh...24..414H [ADS](#)
- Hudson, H. S. & Ohki, K., "Infrared Emission from Solar Flares", 1972BAAS...4R.385H [ADS](#)
- Schwartz, D. A., Peterson, L. E., & Hudson, H. S., "Long-Term Temporal Variations of the Hard X-Ray Flux from the Centaurus Region", 1972ApJ...174..549S [ADS](#)
- Ulmer, M., Grace, V., Hudson, H. S., & Schwartz, D. A., "Upper Limits to the X-Ray Luminosities of Five Supernovae", 1972ApJ...173..205U [ADS](#)
- Hudson, H. S. & Ohki, K., "Soft X-Ray and Microwave Observations of Hot Regions in Solar Flares", 1972SoPh...23..155H [ADS](#)
- Hudson, H. S., "Non-thermal electron population in solar flares.", 1972eucr.conf..127H [ADS](#)
- Ulmer, M., Grace, V., Hudson, H., & Schwartz, D., "Upper limits to the X-ray luminosity from five supernovae.", 1971PASP...83..608U [ADS](#)
- Teske, R. G., Soyumer, T., & Hudson, H. S., "Type III Solar Radio Bursts Accompanied by Soft X-Radiation in the Absence of H α Flares", 1971ApJ...165..615T [ADS](#)
- Lin, R. P. & Hudson, H. S., "10 100 keV electron acceleration and emission from solar flares", 1971SoPh...17..412L [ADS](#)
- Hudson, H. S., Peterson, L. E., & Schwartz, D. A., "Observations of Unresolved Galactic X-ray Sources", 1971Natur.230..177H [ADS](#)
- Schwartz, D. A., Hudson, H. S., & Peterson, L. E., "The Spectrum of Diffuse Cosmic X-Rays 7.7-113 keV", 1970ApJ...162..431S [ADS](#)
- Kane, S. R. & Hudson, H. S., "Re-Interpretation of OSO-III Scintillation Counter Measurements of Hard Solar X-Ray Spectra", 1970SoPh...14..414K [ADS](#)
- Hudson, H. S., Pelling, R. M., Peterson, L. E., & Schwartz, D. A., "The Time Variability of X-Ray Emission from Sco X-1", 1970BAAS...2T.200H [ADS](#)
- Hudson, H. S., Peterson, L. E., & Schwartz, D. A., "Simultaneous X-Ray and Optical Observations of SCO X-1 Flares", 1970ApJ...159L..51H [ADS](#)
- Zirin, H., Ingham, W., Hudson, H., & McKenzie, D., "De-Occultation X-Ray Events of 2 December, 1967", 1969SoPh...9..269Z [ADS](#)
- Hudson, H. S., Peterson, L. E., & Schwartz, D. A., "The Hard Solar X-Ray Spectrum Observed from the Third Orbiting Solar Observatory", 1969ApJ...157..389H [ADS](#)
- Hudson, H., McKenzie, D., Zirin, H., & Ingham, W., "De-occultation x-Ray Event of 2 December 1967", 1969BAAS...1T.280H [ADS](#)
- Hudson, H. S. & Lin, R. P., "Simultaneous x-Ray and Electron Emission from the Sun", 1969BAAS...1S.280H [ADS](#)
- Hudson, H. S., Peterson, L. E., & Schwartz, D. A., "Solar and Cosmic X-Rays above 7.7 keV", 1969SoPh...6..205H [ADS](#)
- Hudson, H. S., Peterson, L. E., & Schwartz, D. A., "The time structure of solar X-ray bursts above 7.7 keV", 1969sfsr.conf..113H [ADS](#)
- Hudson, H. S., Schwartz, D. A., & Peterson, L. E., "Hard Solar X-Ray Bursts Observed by OSO-III", 1968AJS...73R..64H [ADS](#)
- Hudson, H. S., Prinsch, J. H., & Anderson, K. A., "Observations of the Isotropic Component of Cosmic X Rays at Balloon Altitude", 1966JGR...71.5665H [ADS](#)
- Hudson, H. S.: 1966, "Energy spectrum of auroral zone electron precipitation", Ph.D. thesis, University of California, Berkeley 1966PhDT.....116H [ADS](#)
- Hudson, H. S., Parks, G. K., Milton, D. W., & Anderson, K. A., "Determinations of the Auroral-Zone X-Ray Spectrum", 1965JGR....70.4979H [ADS](#)
- Parks, G. K., Hudson, H. S., Milton, D. W., & Anderson, K. A., "Spatial Asymmetry and Periodic Time Variations of X-Ray Microbursts in the Auroral Zone", 1965JGR....70.4976P [ADS](#)