

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

- Chu, D. S., Do, T., Ghez, A., et al., “Constraining the Binarity of the *S*-stars Orbiting the Central Supermassive Black Hole Using Radial Velocities”, [2021ASPC..528..321C ADS](#)
- Roberts, B., Hees, A., Do, T., et al., “Search for a variation of the fine-structure constant around the supermassive Black Hole in our Galactic Center”, [2020APS..DMPE01155R ADS](#)
- Jones, G., Bentley, R., & Ramanjooloo, Y., “Solar Windsocks - A service to derive estimates of solar wind speeds from comets’ ion tails”, [2018cosp..42E1635J ADS](#)
- Eastwood, J. P., Biffis, E., Hapgood, M. A., et al., “The Economic Impact of Space Weather: Where Do We Stand?”, [2017RiskA..37..206E ADS](#)
- Bonnin, X., Fuller, N., Renié, C., et al., “The Heliophysics Feature Catalogue, a tool for the study of solar features”, [2014IAUS..300..512B ADS](#)
- Pérez-Suárez, D., Bentley, R. D., Aboudarham, J., et al., “HELIO - Discovering solar effects in all the heliosphere”, [2013EPSC...8..328P ADS](#)
- Pérez-Suárez, D., Pierantoni, G., Maloney, S. A., et al., “SHEBA - HELIO’s propagation model: a walk through its possibilities”, [2013EGUGA..1513919P ADS](#)
- Bonnin, X., Aboudarham, J., Fuller, N., Csillaghy, A., & Bentley, R., “Automation of the Filament Tracking in the Framework of the HELIO Project”, [2013SoPh..283..49B ADS](#)
- Bentley, R. D., “The role of e-Infrastructures supporting Solar System science within general research environments”, [2012epsc.conf..557B ADS](#)
- Bentley, R. D., “Combining observations to study heliospheric phenomena”, [2012epsc.conf..556B ADS](#)
- Bonnin, X., Aboudarham, J., Renié, C., et al., “The Philosophy of User Interfaces in HELIO and the Importance of CASSIS”, [2012ASPC..461..303B ADS](#)
- Aboudarham, J., Bentley, R. D., & Csillaghy, A., “HELIO: A Heliospheric Virtual Observatory”, [2012ASPC..461..255A ADS](#)
- Bentley, R. D., Berghmans, D., & Csillaghy, A., “A Collaborative Research Environment for Heliophysics”, [2012EGUGA..1412873B ADS](#)
- Bentley, R. D., Aboudarham, J., Csillaghy, A., et al., “HELIO - A Research Environment for Heliophysics”, [2012EGUGA..1411634B ADS](#)
- Bonnin, X., Aboudarham, J., Fuller, N., et al., “Automated detection and tracking of solar and heliospheric features in the frame of the European project HELIO”, [2011sf2a.conf..373B ADS](#)
- Bentley, R. D., Csillaghy, A., Aboudarham, J., et al., “The need for Standards when building Virtual Observatories”, [2011AGUFMSM21A2002B ADS](#)
- Bentley, R. D., “CASSIS - Standards and Interoperability in Solar System Science”, [2011epsc.conf..862B ADS](#)
- Bentley, R. D., “Using HELIO to address use cases involving multi-point observations from different parts of the Solar System.”, [2011epsc.conf..861B ADS](#)
- Bentley, R. D., Csillaghy, A., Aboudarham, J., et al., “HELIO: The Heliophysics Integrated Observatory”, [2011AdSpR..47.2235B ADS](#)
- Csillaghy, A., Felix, S., Bentley, R. D., Blanc, A. L., & Helio Team, “The First Steps of the Heliophysics Integrated Observatory”, [2010ASPC..434..237C ADS](#)
- Csillaghy, A., & Bentley, R. D., “HELIO - First Services of The Heliophysics Integrated Observatory”, [2010AGUFMIN23B1359C ADS](#)
- Bentley, R. D., Lapenta, G., Blanc, M., et al., “VOs and Heliophysics: Would anyone like some CASSIS?”, [2010AGUFMIN23B1358B ADS](#)
- Bentley, R., “HELIO - A step into the Future”, [2010epsc.conf..870B ADS](#)
- Bentley, R. D., Csillaghy, A., & Aboudarham, J., “HELIO - The Heliophysics Integrated Observatory”, [2010EGUGA..1215437B ADS](#)
- Bentley, R. D., Messerotti, M., Aboudarham, J., et al., “Using HELIO as tool for Research into Space Weather”, [2010EGUGA..1215417B ADS](#)
- Bentley, R., Hapgood, M., Messerotti, M., et al., “HELIO as a Space Weather tool”, [2010cosp..38.4171B ADS](#)
- Bentley, R., Aboudarham, J., Messerotti, M., et al., “Using HELIO to study cross-disciplinary science problems using data from multiple spacecraft”, [2010cosp..38.1917B ADS](#)
- Bentley, R., Jacquay, C., Messerotti, M., et al., “Data Management within the HELIO project”, [2010cosp..38..813B ADS](#)
- Bentley, R. D., Aboudarham, J., Csillaghy, A., et al., “Addressing Science Use Cases with HELIO”, [2009AGUFMSH54A..06B ADS](#)
- King, T. A., Walker, R. J., Merka, J., et al., “Science, VxOs and Just In Time Information”, [2009AGUFMSH51B1285K ADS](#)
- Bentley, R. D., “HELIO and EuroPlaNet IDIS”, [2009epsc.conf..814B ADS](#)
- Bentley, R. D., Csillaghy, A., & Aboudarham, J., “HELIO - The Heliophysics Integrated Observatory”, [2009epsc.conf..744B ADS](#)
- Emam, O., FitzGeorge, T., Whittaker, A., et al., “Payloads with Resource-Efficient Integration for Science Missions (PRISM)”, [2009ESASP.669E...7E ADS](#)
- Bentley, R. D., “Building a Virtual Observatory for Heliophysics”, [2009EM&P..104..87B ADS](#)
- Bentley, R. D., Csillaghy, A., & Aboudarham, J., “HELIO - The Heliophysics Integrated Observatory”, [2009EGUGA..1110375B ADS](#)
- Hanisch, R. J., Barbuy, B., Bentley, R. D., et al., “Division XII / Commission 5 / Working Group Virtual Observatories, Data Centers & Networks”, [2009IAUTA..27..369H ADS](#)
- Csillaghy, A., Soldati, M., Kunz, P., Bentley, R. D., & Scholl, I., “Accessing the EGSO Grid through a WSRF-Enabled API”, [2006ASPC..351..536C ADS](#)
- Csillaghy, A., Bentley, R. D., Scholl, I., & Egso Team, “The VO in Sunlight”, [2006vopc.conf..343C ADS](#)
- Aboudarham, J., Scholl, I., Csillaghy, A., et al., “European Grid of Solar Observations (EGSO)”, [2006ihy..conf..18A ADS](#)
- Aboudarham, J., Scholl, I., Fuller, N., et al., “A New Way to look at Observations with EGSO”, [2006IAUS..233..229A ADS](#)
- Zharkova, V., Benkhailil, A., Zharkov, S., Ipson, S., & Bentley, R. D., “Active region AR484 tracking with Solar Feature Catalogue”, [2006AdSpR..37.1152Z ADS](#)
- Scholl, I. F., Bentley, R. D., & Csillaghy, A., “The User Interface of the European Grid of Solar Observations”, [2005AGUSMSP51A..05S ADS](#)
- Hurlburt, N., Freeland, S., Slater, G., et al., “Using the Collaborative Sun-Earth Connector for integrating data systems”, [2005AGUSMSH43B..05H ADS](#)
- Bentley, R. D., Scholl, I., Csillaghy, A., et al., “EGSO - A maturing VO for Solar Physics”, [2005AGUSMSH43B..01B ADS](#)
- Fuller, N., Aboudarham, J., & Bentley, R. D., “Filament Recognition and Image Cleaning on Meudon H $\alpha$  Spectroheliograms”, [2005SoPh..227..61F ADS](#)
- Sylwester, J., Gaicki, I., Kordylewski, Z., et al., “Resik: A Bent Crystal X-ray Spectrometer for Studies of Solar Coronal Plasma Composition”, [2005SoPh..226..45S ADS](#)
- Jones, J. B. L., Bentley, R. D., Hunter, R., et al., “Space weather and commercial airlines”, [2005AdSpR..36.2258J ADS](#)
- Scholl, I. F., Bentley, R. D., & Csillaghy, A., “User Access to the European Grid of Solar Observations”, [2004AGUFMSH21B0416S ADS](#)
- Bentley, R. D., Scholl, I., Csillaghy, A., et al., “Solving Science Use Cases that relate to the Sun and Heliosphere with EGSO”, [2004AGUFMSH21B0415B ADS](#)
- Iles, R. H. A., Jones, J. B. L., Taylor, G. C., et al., “Effect of solar energetic particle (SEP) events on the radiation exposure levels to aircraft passengers and crew: Case study of 14 July 2000 SEP event”, [2004JGRA..10911103I ADS](#)
- Bentley, R. D., Csillaghy, A., & Scholl, I., “The European grid of solar observations”, [2004SPIE.5493..170B ADS](#)
- Bentley, R. D., Hill, F., & Hurlburt, N., “Virtual Solar Inc.”, [2004ASPC..314..311B ADS](#)
- Leoni, M. C., Dolensky, M., Bentley, R., Goodwin, T., & Linde, T., “TWiki: A Collaboration Platform for VO Projects”, [2004ASPC..314..307L ADS](#)
- Scholl, I., Bentley, R., Csillaghy, A., & EGSO Team, “Integrated Access to Solar Data using EGSO”, [2004AAS..204.7005S ADS](#)
- Reardon, K. P., Bentley, R. D., Messerotti, M., & Giordano, S., “A Solar Data Model for Use in Virtual Observatories”, [2004AAS..204.7003R ADS](#)
- Bentley, R. D., Hill, F., Hurlburt, N., & Roberts, A., “IAU Working Group on International Data Access for Solar and Heliospheric data”, [2004AAS..204.5207B ADS](#)
- Bentley, R. D., Scholl, I., Csillaghy, A., et al., “The European Grid of Solar Observations”, [2004AAS..204.5206B ADS](#)
- Mann, R. G., Davenhall, A. C., Page, C. G., et al., “The AstroGrid Pilot Programme”, [2004tivo.conf..147M ADS](#)
- Bentley, R. D., Csillaghy, A., Scholl, I., et al., “Integrated Access to Solar Data using EGSO”, [2004cosp..35.3935B ADS](#)
- Jones, J. B. L., Bentley, R. D., Dyer, C., & Shaw, A., “Space Weather affects on Air Transportation”, [2004cosp..35.3522J ADS](#)
- Zharkova, V. V., Aboudarham, J., Ipson, S. S., et al., “Intelligent approach to the data analysis with the Solar Feature Catalogues”, [2004cosp..35.3491Z ADS](#)
- Zharkova, V. V., Aboudarham, J., Ipson, S. S., et al., “Intelligent approach to the data analysis with the Solar Feature Catalogues”, [2004cosp..35.3488Z ADS](#)
- Benkhailil, A., Zharkova, V., Bentley, R., Zharkov, S., & Ipson, S., “Tracking of solar active regions and search for classification parameters”, [2004cosp..35.3125B ADS](#)
- Benkhailil, A., Zharkova, V., Bentley, R., Zharkov, S., & Ipson, S., “Tracking of Solar Active Regions and Search for Classification parameters”, [2004cosp..35.3115B ADS](#)
- Zharkov, S. I., Zharkova, V. V., & Bentley, R. D., “Statistical analysis of long-term variations of the sunspot and umbral magnetic field”, [2004cosp..35.3113Z ADS](#)

- Zharkova, V. V., Ipson, S. S., Zharkov, S. I., et al., "A full-disk image standardisation of the synoptic solar observations at the Meudon Observatory", 2003SoPh..214..89Z [ADS](#)
- Zharkova, V. V., Ipson, S. S., Bentley, R. D., et al., "Solar Feature Catalogue in the European Grid of Solar Observations", 2003SPD....34.0205Z [ADS](#)
- Bentley, R. D. & EGSO 0, "EGSO - Current Status and Expectations", 2003SPD....34.0204B [ADS](#)
- Zharkova, V. V., Bentley, R. D., Ipson, S. S., et al., "First Steps to Solar Feature Catalogues", 2003IAUJD...7E..14Z [ADS](#)
- Hill, F., Csillaghy, A., Bentley, R. D., et al., "EGSO in need for a global schema", 2002SPIE.4846..35H [ADS](#)
- Bentley, R. D. & EGSO Consortium, "EGSO - the European Grid of Solar Observations", 2002ESASP.506..923B [ADS](#)
- Sylwester, J., Kepa, A., & Bentley, R. D., "On a possible cause of discrepancy between Yohkoh and SMM calcium abundance determinations in flares", 2002AdSpR..30..105S [ADS](#)
- Bentley, R. D. & EGSO Team, "The European Grid of Solar Observations (EGSO)", 2002AAS...200.5804B [ADS](#)
- Bentley, R. D., "EGSO - the next step in data analysis", 2002ESASP.477..603B [ADS](#)
- Sylwester, J., Gaicki, I., Kordylewski, Z., et al., "Early results from RESIK and Diogenes soft X-ray spectrometers aboard Coronas-F satellite", 2002ESASP.477..597S [ADS](#)
- Bentley, R. D., Iles, R. H. A., Jones, J. B. L., et al., "Monitoring cosmic radiation on aircraft", 2002ESASP.477..535B [ADS](#)
- Jones, J., Bentley, R., Hunter, R., Taylor, G., & Thomas, D., "Space weather effects and commercial airlines", 2002cosp...34E304J [ADS](#)
- Bentley, R. D., "The European Grid of Solar Observations (EGSO)", 2001AGUFMSH31B0713B [ADS](#)
- Culhane, J. L., Bentley, R. D., & Doyle, G., "Preface", 2001AdSpR..26.1711C [ADS](#)
- Freeland, S. & Bentley, R., "SolarSoft", in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 3390 2000eaa..bookE3390F [ADS](#)
- Bentley, R. D., Klein, K. L., van Driel-Gesztelyi, L., et al., "Magnetic Activity Associated With Radio Noise Storms", 2000SoPh..193..227B [ADS](#)
- Kepa, A., Sylwester, J., & Bentley, R. D., "Influence of Yohkoh BCS Instrumental Shape on Results of Spectral Fitting in Vicinity of Ca XIX Lines", 1999ESASP.448..835K [ADS](#)
- Chiuderi Drago, F., Alissandrakis, C. E., Bentley, R. D., & Philips, A. T., "Microwave, Soft and Hard X-Ray Observations of Solar Flares - a Self-Consistent Model of the Flare Site", 1998SoPh..182..459C [ADS](#)
- Sylwester, J., Lemen, J. R., Bentley, R. D., Fludra, A., & Zolcinski, M. C., "Detailed Evidence for Flare-to-Flare Variations of the Coronal Calcium Abundance", 1998ApJ...501..397S [ADS](#)
- Fludra, A., Bentley, R. D., Culhane, J. L., Lemen, J. R., & Sylwester, J., "Iron and calcium abundances in solar flares from the multitemperature analysis of X-ray spectra (abstract)", 1998PAICz..88..91F [ADS](#)
- Bentley, R. D., "Joint Observations and an Active Region with SOHO and YOHKOH", 1998ASSL..229..251B [ADS](#)
- Bentley, R. D., "What YOHKOH has Discovered about Active Regions", 1998ASPC..155..176B [ADS](#)
- Mariska, J. T., Bentley, R. D., & Pike, C. D.: 1997, YOHKOH Bragg Crystal Spectrometer Light Curves for S XV (5.0163 - 5.1143 Angstroms), Technical Report, AD-A336976; NRL/MR/7673-97-8127 Solarvariability Section 1997STIN...9838248M [ADS](#)
- Bentley, R. D., "Diagnostics of Energy Release in the X-Ray Corona", in G. Trotter (Ed.), Coronal Physics from Radio and Space Observations, Vol. 483, 3 1997LNP...483..3B [ADS](#)
- Bentley, R. D., Sylwester, J., & Lemen, J. R., "Calcium abundance measurements using the Yohkoh BCS", 1997AdSpR..20.2275B [ADS](#)
- Sánchez Duarte, L., Fleck, B., & Bentley, R., "The Whole Sun Catalogue", 1997ASPC..118..382S [ADS](#)
- Mariska, J. T., Sakao, T., & Bentley, R. D., "Hard and Soft X-Ray Observations of Solar Limb Flares", 1996ApJ...459..815M [ADS](#)
- Bentley, R. D., Doschek, G. A., & Mariska, J. T., "Timing of the soft X-ray blue-wing and the hard X-ray burst from observations by YOHKOH", 1996AdSpR..17d..55B [ADS](#)
- Mariska, J. T., Sakao, T., & Bentley, R. D., "Hard and Soft X-ray Observations of Solar Limb Flares", 1996mpsa.conf..523M [ADS](#)
- Bentley, R. D., "Mass Motions in Flares", 1996mpsa.conf..177B [ADS](#), "Magnetic Reconnection in the Solar Atmosphere", 1996ASPC..111....B [ADS](#)
- Bentley, R. D., Mariska, J. T., & Sakao, T., "YOHKOH observations of solar limb flares", 1996ASPC..109..107B [ADS](#)
- Watanabe, T., Haka, H., Shimizu, T., et al., "Temperature Structure of Active Regions Deduced from the Helium-Like Sulphur Lines", 1995SoPh..157..169W [ADS](#)
- Mariska, J. T., Sakao, T., & Bentley, R. D., "Hard and Soft X-Ray Observations of Solar Limb Flares", 1995SPD....26.1312M [ADS](#)
- Scudder, J., Hunsucker, F., Miller, G., et al., "Hydra - A 3-dimensional electron and ion hot plasma instrument for the POLAR spacecraft of the GGS mission", 1995SSRv...71..459S [ADS](#)
- Mariska, J. T., Bentley, R. D., & Pike, C. D.: 1994, YOHKOH Bragg Crystal Spectrometer light curves for CA 29(3.1633 - 3.1933 A): 1 October 1993 - 30 September 1994 1994YBCSCrept.....M [ADS](#)
- Culhane, J. L., Phillips, A. T., Inda-Koide, M., et al., "Yohkoh observations of the creation of high-temperature plasma in the flare of 16 December 1991", 1994SoPh..153..307C [ADS](#)
- Doschek, G. A., Mariska, J. T., Strong, K. T., et al., "The 1991 November 9 Flare at 03.2 UT: Observations from YOHKOH", 1994ApJ...431..888D [ADS](#)
- Bentley, R. D., "The Relationship Between the Soft X-Ray Blue Wing and the Hard X-Ray Burst", 1994xspv.conf...87B [ADS](#)
- Watanabe, T., Hara, H., Shimizu, T., et al., "Temperature Structure of Active Regions Deduced from the Helium-Like Sulphur Lines", 1994xspv.conf...55W [ADS](#)
- Bentley, R. D. & YOHKOH Team, "Yohkoh Observations from the Onset of Several Flares", 1994ddpn.conf..435B [ADS](#)
- Bentley, R. D. & YOHKOH Team, "The Yohkoh mission: Instruments and recent results", in G. Belvedere, M. Rodono, and G. M. Simnett (Eds.), Advances in Solar Physics, Vol. 432, 311-314 1994LNP...432..311B [ADS](#)
- Bentley, R. D., Doschek, G. A., Simnett, G. M., et al., "The Correlation of Solar Flare Hard X-Ray Bursts with Doppler Blueshifted Soft X-Ray Flare Emission", 1994ApJ...421L..55B [ADS](#)
- Doyle, J. G., Fludra, A., Bentley, R. D., et al., "Dynamics of a Low Energetic Solar Flare", 1994ASPC..64..402D [ADS](#)
- Mariska, J. T., Doschek, G. A., & Bentley, R. D., "Flare Plasma Dynamics Observed with the YOHKOH Bragg Crystal Spectrometer. I. Properties of the CA XIX Resonance Line", 1993ApJ...419..418M [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](#)
- Fludra, A., Culhane, J. L., Bentley, R. D., et al., "Determination of coronal abundances of sulphur, calcium and iron using the yohkoh bragg crystal spectrometer", 1993AdSpR..13i.395F [ADS](#)
- Culhane, J. L., Phillips, A. T., Pike, C. D., et al., "Yohkoh observations of plasma upflows during solar flares", 1993AdSpR..13i.303C [ADS](#)
- Morrison, M. D., Freeland, S. L., Lemen, J. R., Acton, L. W., & Bentley, R. D., "The Yohkoh Software and Database System", 1993BAAS...25R1188M [ADS](#)
- Mariska, J. T., Doschek, G. A., & Bentley, R. D., "Flare Plasma Dynamics Observed with the Yohkoh Bragg Crystal Spectrometer", 1993BAAS...25Q1178M [ADS](#)
- Rilee, M. L., Bentley, R. D., Culhane, J. L., et al., "A Comparison of Solar Flare Hard X-Ray Bursts with Doppler Blue-Shifted Soft X-Ray Emission", 1993BAAS...25.1189R [ADS](#)
- Mariska, J. T., Bentley, R. D., & Pike, C. D.: 1993, YOHKOH Bragg Crystal Spectrometer light curves for CA XIX (3.1631-3.1912A): 1 October 1991 - 30 September 1992 1993YBCSCrept.....M [ADS](#)
- Fludra, A., Culhane, J. L., Bentley, R. D., et al., "Determination of element abundances using the Yohkoh Bragg Crystal Spectrometer", 1993uxrs.conf..542F [ADS](#)
- Sylwester, B., Sylwester, J., Serio, S., et al., "Dynamics of flaring loops. III - Interpretation of flare evolution in the emission measure-temperature diagram", 1993A&A...267..586S [ADS](#)
- Sylwester, J. & Bentley, R. D., "Objectives of RESIK solar concave soft X-ray spectrometer for CORONAS-F mission.", 1992ESASP.348..357S [ADS](#)
- Acton, L., Tsuneta, S., Ogawara, Y., et al., "The YOHKOH mission for high-energy solar physics", 1992Sci...258..618A [ADS](#)
- Watanabe, T., Hiei, E., Lang, J., et al., "Helium-Like Sulphur Emission Lines in Solar Active Regions and Their Sub-C Class Variability", 1992PASJ...44L.141W [ADS](#)
- Culhane, J. L., Fludra, A., Bentley, R. D., et al., "Observations of Several Small Flares with the Bragg Crystal Spectrometer on YOHKOH", 1992PASJ...44L.101C [ADS](#)
- Doschek, G. A., Mariska, J. T., Watanabe, T., et al., "YOHKOH Bragg Crystal Spectrometer Observations of the Dynamics and Temperature Behavior of a Soft X-Ray Flare", 1992PASJ...44L..95D [ADS](#)
- Lang, J., Bentley, R. D., Brown, C. M., et al., "The Performance of the YOHKOH Bragg Crystal Spectrometer", 1992PASJ...44L..55L [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](#)
- Morrison, M. D., Lemen, J. R., Acton, L. W., et al., "SOLAR-A Reformatted Data Files and Observing Log", 1991SoPh..136..105M [ADS](#)
- Culhane, J. L., Hiei, E., Doschek, G. A., et al., "The Bragg Crystal Spectrometer for SOLAR-A", 1991SoPh..136..89C [ADS](#)
- Pounds, K. A., Abbey, A. F., Barstow, M. A., et al., "The EUV mini-survey with the ROSAT wide field camera.", 1991MNRAS.253..364P [ADS](#)

- Culhane, J. L., Hiei, E., Bentley, R. D., et al., "The SOLAR-A Bragg Crystal Spectrometer (Extended Abstract)", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), Flare Physics in Solar Activity Maximum 22, Vol. 387, 22 1991LNP...387...22C ADS
- Culhane, J. L., Hiei, E., Bentley, R. D., et al., "Plasma diagnostics with the Solar-A Bragg Crystal Spectrometer", 1991AdSpR..11e..77C ADS
- Fludra, A., Bentley, R. D., Culhane, J. L., Lemen, J. R., & Sylwester, J., "Iron and calcium abundances in solar flares from the multi-temperature analysis of X-ray spectra", 1991AdSpR..11a.155F ADS
- Barstow, M. A., Abbey, A. F., Cole, R. E., et al., "Early results from the ROSAT Wide Field Camera", 1991ASIC..336...99B ADS
- Doschek, G. A., Fludra, A., Bentley, R. D., et al., "On the Dependence of Solar Flare X-Ray Spectral Line Intensity Ratios of Highly Ionized Sulfur, Calcium, and Iron on Electron Temperature, Differential Emission Measure, and Atomic Physics", 1990ApJ...358..665D ADS
- Sylwester, B., Sylwester, J., Bentley, R. D., & Fludra, A., "Investigation of non-uniform heating during the decay phase of solar flares", 1990SoPh..126..177S ADS
- Fludra, A., Bentley, R. D., Culhane, J. L., et al., "The Decay Phase of Three Large Solar Flares", 1990PDHO....7..266F ADS
- Sylwester, B., Sylwester, J., Jakimiec, J., et al., "Study of Non-Uniform Heating in Solar Flares", 1990PDHO....7..255S ADS
- Lapington, J. S., Trow, M. W., Bentley, R. D., & Culhane, J. L., "Position-sensitive proportional counter for the Bragg Crystal Spectrometer on Solar-A", 1989SPIE.1159..252L ADS
- Fludra, A., Lemen, J. R., Jakimiec, J., Bentley, R. D., & Sylwester, J., "Turbulent and Directed Plasma Motions in Solar Flares", 1989ApJ...344..991F ADS
- Sylwester, J., Sylwester, J., Jakimiec, J., & Bentley, R. D., "Comparison of the Microwave and Soft X-Ray Emission above a Sunspot", 1989SoPh..119..65S ADS
- Harrison, R. A., Bentley, R. D., Brosius, J., et al., "Largescale Magnetic Field Phenomena", 1989tnti.conf....1H ADS
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Flare energetics.", 1989epos.conf..377W ADS
- Priest, E. R., Gaizauskas, V., Hagyard, M. J., et al., "Preflare activity.", 1989epos.conf....1P ADS
- Sylwester, J., Zolcinski-Couet, M. C., Bentley, R. D., & Lemen, J. R., "Time variations of the calcium elemental abundance in flares from NOAA active regions 2562 and 2779.", 1988JPhys..49..189S ADS
- Jakimiec, J., Prés, P., Fludra, A., et al., "Intercomparison of flare observations with two SMM spectrometers: BCS and HXIS", 1988AdSpR...8k.231J ADS
- Bentley, R. D., Fludra, A., Lemen, J. R., Jakimiec, J., & Sylwester, J., "Investigations of Turbulent and Direct Motions in Solar Flares", 1987BAAS...19R..750B ADS
- Sylwester, J., Lemen, J. R., Mewe, R., Bentley, R. D., & Sylwester, B., "Variation in Calcium Abundance during Flares", 1987sman.work..123S ADS
- Jakimiec, J., Sylwester, B., Sylwester, J., et al., "High-Temperature Plasma Diagnostics of Solar Flares and Comparison with Model Calculations", 1987sman.work..91J 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
- Schmahl, E. J., Webb, D. F., Woodgate, B., et al., "Coronal manifestations of preflare activity", 1986epos.conf.1.48S 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
- Doyle, J. G. & Bentley, R. D., "Broadening of soft X-ray lines during the impulsive phase of solar flares - Random or directed mass motions?", 1986A&A...155..278D ADS
- Bentley, R. D.: 1986, "Soft X-ray emission from solar flares and active regions", Ph.D. thesis, University College London, UK 1986PhDT.....170B ADS
- Wu, S. T., de Jager, C., Dennis, B. R., et al., "Flare energetics.", 1986NASCP2439...5W ADS
- Priest, E. R., Gaizauskas, V., Hagyard, M. J., et al., "Preflare activity.", 1986NASCP2439...1P ADS
- Sylwester, M., Bentley, R. D., Jakimiec, J., & Sylwester, J., "Observational evidences for coronal temperature depression above sunspot umbra", 1986CoSka..15..677S ADS
- Sylwester, B., Sylwester, J., Jakimiec, J., et al., "Physical conditions in a large flare loop on Nov. 1980 derived from SMM observations", 1986CoSka..15..145S ADS
- Mewe, R., Schrijver, C. J., Lemen, J. R., & Bentley, R. D., "Differential emission measure distributions of Capella and  $\sigma^2$  CrB", 1986AdSpR...6h.133M ADS
- Lemen, J. R., Sylwester, J., & Bentley, R. D., "Determination of the calcium elemental abundance for 43 flares from SMM-XRP solar X-ray spectra", 1986AdSpR...6f.245L ADS
- Simnett, G. M., Phillips, K. J. H., & Bentley, R. D., "Orbital debris environment resulting from future activities in space", 1986AdSpR...6f.109S ADS
- Bentley, R. D., Lemen, J. R., Culhane, J. L., & Phillips, K. J. H., "Soft X-ray observations of high-velocity features in the 29 June 1980 flares", 1986A&A...154..255B ADS
- Harrison, R. A., Waggett, P. W., Bentley, R. D., et al., "The X-Ray Signature of Solar Coronal Mass Ejections", 1985SoPh...97..387H ADS
- Bentley, R. D., Lemen, J. R., Phillips, K. J. H., & Culhane, J. L., "Soft X-ray observations of high-velocity features in the 29 June 1980 flares.", 1985RALR...85...B ADS
- Harrison, R. A., Waggett, P. W., Bentley, R. D., et al., "The X-ray signature of solar coronal mass ejections.", 1985RALR...84....H ADS
- Saba, J. L. R., Slater, G. L., Levay, M. X., et al., "Recent Solar Observations from the X-Ray Polychromator on the Repaired SMM Satellite", 1984BAAS...16..726S ADS
- Jakimiec, J., Sylwester, J., Lemen, J. R., et al., "Differential emission measure analysis of hot-flare plasma from solar-maximum mission X-ray data", 1984AdSpR...4g.203J ADS
- Martin, S. F., Bentley, R. D., Schadée, A., et al., "Relationships of a growing magnetic flux region to flares", 1984AdSpR...4g..61M ADS
- Sylwester, B., Sylwester, J., Jakimiec, J., Mewe, R., & Bentley, R. D., "SMM flat crystal spectrometer data analysis of 7 April 1980 flare.", 1983PDHO....5..85S ADS
- Schmahl, E. J., Kundu, M. R., Strong, K. T., et al., "Active region magnetic fields inferred from simultaneous VLA microwave maps, X-ray spectroheliograms, and magnetograms", 1982SoPh...80..233S ADS
- Schrijver, J., Mewe, R., Sylwester, J., Strong, K. T., & Bentley, R. D., "Transient Ionization Conditions in Solar Flares. Analysis of High-Resolution X-Ray Spectra.", 1982uxsa.col1Q..4S ADS
- Lantos, P., Kerdraon, A., Rapley, G. G., & Bentley, R. D., "Relationship between a soft X-ray long duration event and an intense metric noise storm", 1981A&A...101..33L ADS
- Smith, J. B., J., Strong, K. T., Schmahl, E. J., et al., "Active Region Magnetic Fields", 1981BAAS...13..881S ADS
- Gabriel, A. H., Phillips, K. J. H., Acton, L. W., et al., "Observations of the limb solar flare on 1980 April 30 with the SMM X-ray polychromator", 1981ApJ...244L.147G ADS
- Culhane, J. L., Rapley, C. G., Bentley, R. D., et al., "X-ray spectra of solar flares obtained with a high-resolution bent crystal spectrometer", 1981ApJ...244L.141C ADS
- Acton, L. W., Wolfson, C. J., Joki, E. G., et al., "X-ray line widths and coronal heating", 1981ApJ...244L.137A ADS
- Gabriel, A. H., Culhane, J. L., Acton, L. W., et al., "Solar Maximum Mission experiment: early results from the soft X-ray polychromator experiment.", 1981hea..conf..267G ADS
- Gabriel, A. H., Antonucci, E., Phillips, K. J. H., et al., "Solar maximum mission experiment: Early results from the soft X-ray polychromator experiment", 1981AdSpR...1m.267G ADS
- Rapley, C. G., Bentley, R. D., Lantos, P., & Kerdraon, A., "A study of a soft X-ray slow event associated with the commencement of a Type I noise storm", 1980BAAS...12..912R ADS
- Bentley, R. D. & Rapley, C. G., "Characteristics of Soft X-ray Long Duration Events Observed by the SMM X-ray Polychromator", 1980BAAS...12..904B ADS
- Bentley, R. D., "Morphology of Active Region and Flares", 1980BAAS...12..533B ADS
- Acton, L. W., Culhane, J. L., Gabriel, A. H., et al., "The soft X-ray polychromator for the Solar Maximum Mission.", 1980SoPh...65..53A ADS
- Bentley, R. D. & Campbell, A. B., "The Mars penetrator telemetry and control system", 1975isa..conf..324B ADS