

5. 研究論文リスト

太陽系物理学分野論文リスト

(1968年 - 現在)

- Miyamoto, S.
Meteorological Observations of Mars during the 1967 Opposition
Contr. Inst. Astrophys. Kwasan Obs. Univ. Kyoto, No. 169, 1-35, 1968.
- Miyamoto, S.
Mantle Convection and Selenological Histories
Contr. Inst. Astrophys. Kwasan Obs. Univ. Kyoto, No. 170, 1-11, 1968.
- Miyamoto, S.
Morphological Study of Lunar Crust
Icarus, 9, 440-445, 1968.
- Miyamoto, S.
Meteorological Observations of Mars during the 1969 Opposition
Contr. Inst. Astrophys. Kwasan Obs. Univ. Kyoto, No. 184, 1-63, 1970.
- Iwasaki, K.
A Non Gray Greenhouse Model and Microwave Absorption in the Atmosphere of Venus
Publ. Astro. Soc. Japan, 23, 387-397, 1971.
- Miyamoto, S.
Meteorological Observations of Mars during the 1971 Opposition
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 206, 1-72, 1972.
- Miyamoto, S.
Life Cycle of Martian Polar Cap, Sand Storms, and General Circulation
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 207, 73-80, 1972.
- Ebisawa, S.
Analytical Study on the Secular and Seasonal Modifications of Martian soil
Contr. Kwasan Hida Obs., No. 210, 1-82, 1973.
- Miyamoto, S.
Water Vapor and Martian Meteorology
Contr. Kwasan Hida Obs. Univ. Kyoto, No. 211, 1-12, 1973.
- S. Miyamoto.
Meteorological Observations of Mars during the 1973 Opposition
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 217, 1-64, 1974.
- Miyamoto, S.
Seasonal Change of the Martian Polar Caps
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 218, 1-8, 1974.
- Miyamoto, S.
Seasonal Change of Martian Albedo Features
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 219, 1-10, 1974.
- Miyamoto, S.
Morphological Study of Mercury Crust
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 220, 1-9, 1974.
- Hattori, A and Akabane, T.
Photographic Observations of Mars during the 1973 Opposition.
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 221, 1-25, 1974.
- Ebisawa, S.
Planisphere of Mars Showing the General Features of Surface Markings during the 1973 Opposition before the Appearance of Large Dust Storm
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 224, 1-2, 1975.
- Akabane, T.
Formation of Lunar Thalassoids.
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 228, 1-15, 1975.

- Akabane, T.
Evolution of Maria and Development of Terrae of the Moon.
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 232, 1-31, 1976.
- Hattori, A., Akabane, T., Matsui, M., and Ishiura, K.
Photographic Observations of Mars during the 1975 Opposition.
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 233, 1-25, 1976.
- Saito, Y.
Sinus Rills in Western Mare Imbrium
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 234, 1-12, 1977.
- Iwasaki, K., Saito, Y., and Akabane, T.
Behavior of the Martian North Polar Cap, 1975-1978.
J. Geophys. Res., 84, 8311-8316, 1979.
- Akabane, T., Matsui, M., Ishiura, K., Hattori, A., Iwasaki, K., Saito, Y.,
Asada, T., Saito, S., and Nakai, Y.
Photographic Observation of Mars during the 1977-1978 Opposition.
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 242, 1-27, 1980.
- Miyamoto, S.
Morphological Sequence of Craters in Moon, Mercury, and Mars
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 244, 1-9, 1980.
- Miyamoto, S.
Central Features of Galilean Satellites of Jupiter
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 245, 11-17, 1980.
- Miyamoto, S.
Landforms of Mercury Crust
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 246, 19-31, 1980.
- Akabane, T., Matsui, M., Ishiura, K., Iwasaki, K., Saito, Y., and Kitahara, T.
Photographic Observations of Mars during the 1979-1980 Opposition.
Contr. Kwasan Hida Obs., Univ. Kyoto, No. 250, 1-40, 1982.
- Iwasaki, K., Saito, Y., and Akabane, T.
Martian North Polar Cap 1979-1980.
J. Geophys. Res., 87, 10265-10269, 1982.
- Akabane, T.
The Secondary Tail of Comet West 1976 VI.
Pub. Astron. Soc. Japan, 35, 565-578, 1984.
- Iwasaki, K., Saito, Y., and Akabane, T.
Martian North Polar Cap and Haze 1981-1982.
Pub. Astron. Soc. Japan, 36, 347-356, 1984.
- Asada, T.
Numerical Experiments of Intermediate Scale Eddies and STrD on Jupiter
J. Meteorol. Soc. Japan, 63, 359-376, 1985
- Iwasaki, K., Saito, Y., and Akabane, T.
Martian South Polar Cap 1973.
Pub. Astron. Soc. Japan, 38, 267-275, 1986.
- Akabane, T., Iwasaki, K., Saito, Y., and Narumi, Y.
The Optical Thickness of the Blue-White Cloud near Nix Olympica of Mars in 1982.
Pub. Astron. Soc. Japan, 39, 343-359, 1987.
- Akabane, T., Hanaoka, Y., Iwasaki, K., Kawakami, S., Nakai, Y., Saito, S., and Takeuchi
A. Dust and C2-Contents in the Coma of Halley's Comet (1986 III).
Mem. Faculty Sci., Kyoto Univ., Series A, 37, 283-290, 1988.
- Iwasaki, K., Saito, Y., Nakai, Y., Akabane, T., Panjaitan, E., Radiman, I., and Wiramihardja, S. D.
Behavior of the Martian South Polar Cap 1986.
Pub. Astron. Soc. Japan, 41, 1083-1094, 1989.
- Iwasaki, K., Saito, Y., Nakai, Y., Akabane, T., Panjaitan, E., Radiman, I., and Wiramihardja, S. D.
Regression of the Martian South Polar Cap 1988
Proc. 22nd ISAS Lunar and Planetary Symp. pp.30-36, 1989

- Akabane, T., Iwasaki, K., Saito, Y., and Narumi, Y.
Blue Clearing of Syrtis Major at the 1982 Opposition.
J. Geophys. Res. 95, 14649-14655, 1990.
- Iwasaki, K., Saito, Y., Nakai, Y., Akabane, T., Panjaitan, E., Radiman, I., and Wiramihardja, S. D.
Martian South Polar Cap 1988.
J. Geophys. Res. 95, 14751-14754, 1990.
- Iwasaki, K., Saito, Y., Nakai, Y., Akabane, T., Panjaitan, E., Radiman, I. and Wiramihardja, S.D.
A Note on the Regression of Martian South Polar Cap 1990
Proc. 24th ISAS Lunar and Planetary Symp. pp.172-175, 1991
- Akabane, T., Iwasaki, K., Saito, Y., and Narumi, Y.
Opacities of the 1973 dust storm over the Solis Lacus, Hellas, and Syrtis Major areas of Mars.
Astron. Astrophys. 255, 377-382, 1992.
- Akabane, T., Saito, Y., Iwasaki, K., and Narumi, Y.
Martian Late-Northern-Winter Polar Hood Opacities and Non-Visibility of a Surface Cap: 1975 and 1990 Observations.
Astron. Astrophys. 277, 302-308, 1993.
- Asada, T., Gierasch, P. J., and Yamagata, T.
Initial Development of Eddies in High-Speed Zonal Flow: One Interpretation for NTB Activity of Jupiter
Icarus 104, 60-68, 1993.
- Akabane, T., Saito, Y., Iwasaki, K., and Narumi, Y.
Martian North Polar Hoods in Early Autumn and Late Winter
Proc. 26th ISAS Lunar and Planetary Symp. pp.48-51, 1993
- Iwasaki, K., Larson, S.M., Ebisawa, S., Akabane, T., Panjaitan, E., and Radiman, I.
Martian North Polar Cap in 1992-1993 from Image Processed CCD and Photographic Images and Drawings
Proc. 26th ISAS Lunar and Planetary Symp. pp.52-55, 1993
- Akabane, T., Saito, Y., Iwasaki, K., Narumi, Y., and Martin, L.J.
Behavior of the Martian North Polar Hood in 1969
Proc. 27th ISAS Lunar and Planetary Symp. pp.35-38, 1994
- Iwasaki, K., Akabane, T., and James, P.B.
Martian North Polar Cap in 1990-1991 from CCD Observations with the Hubble Space Telescope
Proc. 27th ISAS Lunar and Planetary Symp. pp.43-46, 1994
- Akabane, T., Saito, Y., Iwasaki, K., and Martin, L. J.
The North Polar Hood in Early Autumn on Mars.
Astron. Astrophys. 304, 595-601, 1995.
- Lindner, B.L., Iwasaki, K., and Akabane, T.
Analysis of Japanese Observations of the Martian Polar Caps
Bull. American Astron. Soc. 27, pp.828-829, 1995
- Iwasaki, K., Larson, S.M., and Akabane, T.
Search for the Martian North Polar Cap before Vernal Equinox
Bull. American Astro. Soc. 27, p.1099, 1995
- Iwasaki, K., Akabane, T., Sagar, R., Ghosh, K.K., Raharto, M., and Dirghantara, F.
Regression of Martian North Polar Cap 1994-1995
Proc. 28th ISAS Lunar and Planetary Symp., pp.217-220, 1995
- Akabane, T., Iwasaki, K., Martin, L.J.
Morphological Features and Opacities of the Martian North Polar Hood
LPI Technical Report No.95-04, p.9, 1995
- Iwasaki, K., Akabane, T., and Tomita, Y.
A Second Look at 1975 Observations of the Martian North Polar Region before the Vernal Equinox
Bull. Am. Astron. Soc., 28, p1060, 1996
- Iwasaki, K., Larson, S., and Akabane, T.
Martian North Polar Cap Before Vernal Equinox
Proc. 29th ISAS Planetary Symp., pp.103-106, 1996
- Akabane, T., Iwasaki, K., and Saito, Y.
Peculiar Blue Clearing Phenomena in the Amazonis-Tharsis area on Mars
Proc. 29th ISAS Lunar Planetary Symp., pp.208-211, 1996

- Akabane, T., Iwasaki, K., and Saito, S.
Diurnal Variation of Morning and Afternoon Clouds in the Tharsis-Amazonis Area in 1995 and 1997 Observations.
LPI Technical Report No. 97-03 (Mars Telescopic Observations Workshop II), 5, 1997.
- Iwasaki, K., Parker, D.C., and Akabane, T.
Regression of Martian North Polar Cap 1996-1997
LPI Technical Report No.97-03, pp.15-17, 1997
- Mukai, T., Akabane, T., Hashimoto, T., Ishimoto, H., Sasaki, S., Inada, A., Toigo, A., Nakamura, M., Abe, Y., Kurita, K., and Imamura, T.
Observations of Mars and its Satellites by the Mars Imaging Camera (MIC) on Planet-B
Soc. Geomag. Earth, Plan. Space Sci., 50, 183-188, 1998.
- Iwasaki, K., Parker, D. C., Larson, S., and Akabane, T.
Martian North Polar Cap 1996-1997
Icarus, 1988, in press.
- Akabane, T., and Iwasaki, K.
Blue Clearing Phenomena and Equatorial Clouds in the Syrtis Major Region of Mars: 1997 Observations
Proc. 31th ISAS Lunar Plan. Symp. 1998, in press.

太陽物理学分野論文リスト (ドームレス望遠鏡設立1979年ー現在)

- Kubota, J.
The Vertical Motion of Matter in Quiescent Prominences
Proceedings of the Japan-France Seminar on Solar Physics edited by F. Moriyama and J.C. Henoux, p178, 1981
- Kawaguchi, I.
The Brightening of Very Short Duration Observed in the Wing of H α line
Proceedings of the Japan-France Seminar on Solar Physics edited by F. Moriyama and J.C. Henoux, p199, 1981
- Kitai, R.
On the Emission Spectra of Moustaches
Proceedings of the Japan-France Seminar on Solar Physics edited by F. Moriyama and J.C. Henoux, p202, 1981
- Kurokawa, H.
Some Observational Results on Ellerman Bombs
Proceedings of the Japan-France Seminar on Solar Physics edited by F. Moriyama and J.C. Henoux, p206, 1981
- Nakai, Y.
New Domeless Solar Telescope in Hida Observatory
Proceedings of the Japan-France Seminar on Solar Physics edited by F. Moriyama and J.C. Henoux, p275, 1981
- Kurokawa, H., and Kanno, M.
H α Fine Structures in the 7 September 1981 Flare and Their Relation to X-ray and Microwave Emission
Proceedings of Hinotori Symposium on Solar Flares, p199, 1982
- Kawaguchi, I., Kurokawa, H., Funakoshi, Y., and Nakai, Y.
Brightening Phenomena in Prominences at the Center of the H α Line
Solar Phys., 78, 101, 1982
- Kurokawa, H., Kawaguchi, I., Funakoshi, Y., and Nakai, Y.
Morphological and Evolutional Features of Ellerman Bombs
Solar Phys., 79, 77, 1982
- Nikaido, Y.
NaI D Brightening Phenomena in Quiescent Prominence
Solar Phys., 80, 259, 1982
- Nikaido, Y. and Kawaguchi, I.
On the Intensity Ratio of Emission Lines of NaI D1 to D2 in Prominences
Solar Phys., 84, 49, 1983
- Kanno, M., and Kurokawa, H.
Observations of a Compact Solar Flare on 1981 Sep. 7
Solar Phys., 86, 193, 1983

- Kurokawa, H.
The Height of H α Flare Emission Region
Solar Phys., 86, 195, 1983
- Kitai, R.
On the Mass Motions and the Atmospheric States of Moustaches
Solar Phys., 87, 135, 1983
- Kawaguchi, I., Nakai, Y., Funakoshi, I., and Kim, K.
Brightening Phenomena in Prominences at the Center of the H α Line
Solar Phys., 91, 87, 1984
- Ichimoto, K., and Kurokawa, H.
H α Red Asymmetry of Solar Flares
Solar Phys., 93, 105, 1984
- Nakai, Y., and Hattori, A.
Domeless Solar Tower Telescope at the Hida Observatory
Memoirs of the Faculty of Science, Kyoto Univ., #3, 385, 1985
- Kawaguchi, I.
The Spectra of the Limb Flare Observed at Hida Observatory on 9-10 March 1982
Proceedings of the Kunming Workshop on Solar Physics and Interplanetary Travelling Phenomena, (eds) C. de Jager and C. Biao, Science Press, Beijing, 1985
- Makita, M., Hamana, S., Nishi, K., Shimizu, M., Koyano, H., Sakurai, T., and Komatsu, H.
Observation by the Solar Vector Magnetograph of the Okayama Astrophysical Observatory
Publ. Astro. Soc. Japan, 37, 561, 1985
- Kurokawa, H., Kitahara, T., Nakai, Y., Funakoshi, Y., and Ichimoto, K.
High Resolution Observations of H α Solar Flare and Temporal relation between H α and X-ray, microwave emission
Astrophysics and Space Science, 118, 149, 1986
- Kawaguchi, I.
Mass Loss from the Emerging Magnetic Flux Region
Proceedings of the Second Japan-China Workshop on Stellar Activities and Observational Techniques, p.121, 1986
- Shibata, K., and Uchida, Y.
Sweeping-magnetic-twist mechanism for the Acceleration of Jets in the Solar Atmosphere
Solar Phys., 103, 299, 1986
- Tsubaki, T., and Takeuchi, A.
Periodic Oscillations Found in the Velocity Field of a Quiescent Prominence
Solar Phys., 104, 313, 1986
- Kawaguchi, I., Kim, K., and Nakai, Y.
A Small-scale Energy Release Observed on the Limb: I. The Broadened Components of D3 Emission Lines
Solar Phys., 106, 47, 1986
- Kurokawa, H.
Impulsive Brightening of H α Flare Points
Proceedings of the NSO/SMM Flare Symposium on the Low Atmosphere of the Solar Flare, p51, 1986
- Kubota, J., and Uesugi, A.
The Vertical Motion of Matter in a Prominence Observed on May 7, 1984
Publ. Astro. Soc. Japan, 38, 903, 1986
- Makita, M., Nishi, K., and Kurokawa, H.
Recent Studies by the Solar Magnetograph of the Okayama Astrophysical Observatory
Proceedings of SMY/SMA Workshop, Irkutsk, 1986
- Tsubaki, T., Ohnishi, Y., and Suematsu, Y.
Short-Period Oscillations Found in a Quiescent Prominence
Publ. Astro. Soc. Japan, 39, 188, 1987
- Kurokawa, H., Hanaoka, Y., Shibata, K., and Uchida, Y.
Rotating Eruption of an Untwisting Filament Triggered by the 3B Flare of 25 April, 1984
Solar Phys., 108, 251, 1987

- Ichimoto, K.
Evershed Effect Observed in Various Solar Photospheric Lines
I. Dependence of the Velocity Distribution across the Penumbra on the Equivalent Width
Publ. Astro. Soc. Japan, 39, 329, 1987
- Suemoto, Z., Hiei, E., and Nakagomi, Y.
Bright Threads in the Inner Wing of Solar Call K line
Solar Phys., 112, 59, 1987
- Kurokawa, H.
Two Distinct Morphological Types of Magnetic Shear Development and Their Relation to Flares
Solar Phys., 113, 259, 1987
- Kim, K.
Emitting region of Sodium Lines in Solar Prominences
Solar Phys., 114, 47, 1987
- Ichimoto, K.
Evershed Effect Observed in Various Solar Photospheric Lines.
II. Dependence on the Excitation Potential
Publ. Astro. Soc. Japan, 40, 103, 1988
- Kubota, J.
The Intensities and Widths of Spectral Lines in Ten Quiescent Prominences
Contri. Kwasan and Hida Observatories No. 283, 1988
- Kurokawa, H.
Surge Activities in an Emerging Magnetic Region of the Sun
Proceedings of the 4-th Asian-Pacific Regional Meeting of IAU
(Contri. Kwasan and Hida Observatories No. 286), 1988
- Kubota, J., Tohmura, I., and Uesugi, A.
The Vertical Motion of Matter in Two Prominences Observed on October 26, 1984
Proceedings of the 4-th Asian-Pacific Regional Meeting of IAU
(Contri. Kwasan and Hida Observatories No. 288), pp189-195, 1988
- Tsubaki, T., Toyoda, M., Suematsu, Y., and Gamboa, G.A.R.
New Evidence for Oscillatory Motions in a Quiescent Prominence
Publ. Astro. Soc. Japan, 40, 121, 1988
- Kurokawa, H., Takakura, T., and Ohki, K.
Close Relationship between $H \alpha$ and Hard X-ray Emissions at the Impulsive Phase of a Flare
Publ. Astro. Soc. Japan, 40, 357, 1988
- Suematsu, Y., Saito, S., Funakoshi, Y., and H. Kurokawa
A Coronal Condensation Observed at the Total Solar Eclipse of June 11, 1983 and Related Transient Prominence
Solar Phys., 116, 285, 1988
- Hanaoka, Y., Kurokawa, H., and Saito, S.
Active Region Coronal Loops Observed at the Total Solar Eclipse of February 16, 1980
Publ. Astro. Soc. Japan, 40, 369, 1988
- Nishikawa, T.
Spicule Observations with High-Spatial Resolution
Publ. Astro. Soc. Japan, 40, 613, 1988
- Brueckner, G.E., Bartoe, J.-D.F., Cook, J.W., Dere, K.P., Socker, D., Kurokawa, H., and McCabe, M.
Plasma Motions in an Emerging Flux Region
Ap. J., 335, 986, 1988
- Kawakami, S., Makita, M., and Kurokawa, H.
Detailed Comparison of Transverse Magnetic Fields with $H \alpha$ Fine Structures
Publ. Astro. Soc. Japan, 41, 175, 1989
- Ichimoto, K., Hiei, E., and Nakagomi, Y.
Spectral Manifestations of the Granular Velocity Field near the Solar Limb
Publ. Astro. Soc. Japan, 41, 175, 1989
- Kurokawa, H.
High Resolution Observations of $H \alpha$ Flare Regions
Space Science Reviews, 51, 49, 1989

- Hanaoka, Y., Kurokawa, H.
Mass Motions in Active Region Filaments
Solar Phys., 124, 227, 1989
- 黒河宏企
高分解能H α 像によるフレアエネルギー蓄積機構の研究
HESP RESEARCH No.5, pp. 99-105, 1989
- 田中捷雄、宮崎英昭、桜井隆、一本潔、坂田朗、和田節子
磁気光学フィルターの開発
搭載機器基礎開発成果報告書 Vol.2, pp. 55-60, 宇宙科学研究所、1989
- 為永辰郎、鈴木令子
VTRによるH α 太陽像の観測 1. 1988年のフレア活動
三重大学教育学部研究紀要 第41巻、pp. 7-24, 1989
- 黒河宏企
フレアを頻発する太陽活動領域のH α 観測
通信総合研究所季報 Vol.35 特7 pp. 31-38, 1989
- Suematsu, Y., Yoshinaga, R., Terao, N., and Tsubaki, T.
Oscillatory and Transient Features Detected simultaneously in the CaIIK and H β Line Spectra of a Quiescent Prominence
Publ. Astro. Soc. Japan 42,187, 1990
- Kitahara, T., and Kurokawa, H.
High-resolution Observation and Detailed Photometry of a Great H α Two-ribbon Flare
Solar Phys. 125, 321, 1990
- Suemoto, Z., Hiei, E., and Nakagomi, Y.
Continuous and Line Spectra of Granules and Intergranular lanes
Solar Phys. 127, 11, 1990
- Suemoto, Z., Hiei, E.
Bright Features in the Intergranular Region
"Solar Photosphere: Structure, Convection, and Magnetic Field",
(ed.) J.O. Stenflo, IAU Symp. 138, pp. 97-100, 1990
- Kurokawa, H., Nakai, Y., Kitai, R., and Funakoshi, Y.
Observational Study of Energy Release and Mass Ejection Associated with Solar Flares and Prominence Eruptions
太陽地球系エネルギー国際共同研究計画第1回シンポジウム報告, pp. 1-8, 1990
- 為永辰郎、樋口弥生
VTRによるH α 太陽像の観測 2. 1989年のフレアと周縁活動
三重大学教育学部研究紀要 第42巻 自然科学、pp. 59-69, 1990
- 黒河宏企
1984 April 25 の大フレアを起こした活動領域の構造と進化
「1990年代初頭の太陽観測」研究会集録 pp. 3-9, 1990
- 花岡庸一郎
Prominence Eruption の観測
「1990年代初頭の太陽観測」研究会集録 pp. 10-12, 1990
- 黒河宏企、秋岡真樹、船越康宏、北井礼三郎、花岡庸一郎、河合吾郎、小路真木子、
當村一郎
1989年太陽共同観測：飛驒における観測
「1990年代初頭の太陽観測」研究会集録 pp. 51-73, 1990
- 秋岡真樹
1989年太陽共同観測：北京天文台における観測
「1990年代初頭の太陽観測」研究会集録 pp. 74-87, 1990
- 牧田貢、船越康宏、岡本富三
DOMELESS 太陽望遠鏡 (DST)水平分光器におけるスペクトル線の倒れについて
天文台技報第2号 pp. 1-10, 1990
- 船越康宏、北井礼三郎、中井善寛
DST 駆動制御用コンピュータの更新とプログラムの改訂
天文台技報第2号 pp. 21-27, 1990

- Kurokawa, H., Nakai, Y., Funakoshi, Y., and Kitai, R.
High Resolution Observations of Active Phenomena Obtained at Hida Observatory
Advances in Space Research, 15, No.5, pp. 233-240, 1991
- Zhang, H., Ai, G., Sakurai, T., and Kurokawa, H.
Fine Structure of Chromospheric Magnetic Field and Material Flow in a Solar Active Region
Solar Phys. 136, pp. 269-293, 1991
- Makita, M., Funakoshi, Y., and Hanaoka, Y.
Instrumental Polarization of the Domeless Solar Telescope of the Hida Observatory
"Solar Polarimetry", (ed.) L.J. November, NSO/SP Workshop Series No.11, pp.233-240, 1991
- Kurokawa, H.
Optical Observations of Flare-Productive Flux Emergence
"Flare Physics in Solar Activity Maximum 22", (ed.) Y. Uchida,
R.C. Canfield, T. Watanabe, and E. Hiei, Lecture Notes in Physics 387,
Springer Verlag, pp. 39-50, 1991
- Kurokawa, H.
Collaboration with Optical Observations
Proc. Symp. on Nobeyama Radioheliograph, pp. 64-71, 1991
- Semel, M., Mouradian, Z., Soru-Escout, I., Maltby, P., Rees, D., Makita, M., and Sakurai, T.
Active Regions, Sunspots and Their Magnetic Fields
"Solar Interior and Atmosphere", (eds.) A.N. Cox, W.C. Livingston,
and M.S. Mathews, Arizona Press, pp. 844-889, 1991
- 黒河宏企ほか飛騨天文台 DST グループ
磁気シアア構造の発達過程とフレア
宇宙放射線シンポジウム(平成2年度) 集録 pp.42-47, 1991
- 黒河宏企、河合吾郎、小路真木子、秋岡真樹、船越康宏、北井礼三郎、中井善寛、川上新吾、當村一郎
1990年太陽共同観測の結果(NOAA6233領域の進化とフレア活動について)
太陽研究会「磁気シアアを基調とした太陽活動現象の研究」集録 pp.106-109, 1991
- 秋岡真樹
活動領域における Fibril 構造とその時間変化 -H α ビデオムービー制作の試み-
太陽研究会「磁気シアアを基調とした太陽活動現象の研究」集録 pp.110-111, 1991
- Bachtar, A., Makita, M., and Kubota, J.
On a Scheme for a Study of Sunspot Proper Motion
太陽研究会「磁気シアアを基調とした太陽活動現象の研究」集録 pp.143-147, 1991
- 當村一郎、黒河宏企、川上新吾
光球磁場の生成・消失過程のスペクトル観測
太陽研究会「磁気シアアを基調とした太陽活動現象の研究」集録 pp.155-158, 1991
- 張洪起、桜井隆、黒河宏企
彩層磁場の観測
太陽研究会「磁気シアアを基調とした太陽活動現象の研究」集録 pp.159-160, 1991
- 船越康宏、木村剛一
飛騨天文台の気象統計
天文台技報第3号 pp.10-18, 1991
- Kubota, J., Kitai, R., Tohmura, I., and Uesugi, A.
The Sudden Disappearance of a Dark Filament Observed on October 26, 1989
Solar Phys. 139, pp.65-79, 1992
- Kurokawa, H., Kawai, G., Kitai, R., Funakoshi, Y., Nakai, Y., Tsuneta, S., Kosugi, T., Enome, S., Acton, L.W., and Ogawara, Y.
Detailed Comparison between H α and Yohkoh Soft X-ray Images of a Confined
Two-Ribbon Flare
Publ. Astron. Soc. Japan 44, L129-134, 1992
- Kurokawa, H., Nakai, Y., Funakoshi, Y., Kitai, R., Ishiura, K., and Kimura, G.
The New Flare-Monitoring Telescope of Hida Observatory
STEP GBRSC NEWS, Vol.2, No.2, pp.6-8, 17, 1992
- 牧田貢、松川英二、宮野栄治、上床真司
モザイク回折格子制御台微動ステージの較正
天文台技報第4号 pp.9-13, 1992

- Kurokawa, H.
Japanese Expedition for the Observation of the 1991 Total Solar Eclipse
「平成3年7月11日メキシコ日食による太陽コロナの観測」平成2-3年度科学研究費
補助金国際学術研究成果報告書 pp.1-4, 1992
- Kurokawa, H., Kitai, R., Ishiura, K.
The Observation of the Inner Corona at the 1991 Total Solar Eclipse
「平成3年7月11日メキシコ日食による太陽コロナの観測」平成2-3年度科学研究費
補助金国際学術研究成果報告書 pp.10-40, 1992
- Kurokawa, H., Nakai, Y., Funakoshi, Y., and Kitai, R.
Observations of Solar Flares and Prominence Eruptions
太陽地球系エネルギー国際共同研究(STEP)第2回シンポジウム報告 pp.7-13, 1992
- Shibata, K., and Kurokawa, H.
Study of Solar Flares and Prominence Eruptions using MHD Numerical
Simulations and Optical Observations
太陽地球系エネルギー国際共同研究(STEP)第2回シンポジウム報告 pp.14-22, 1992
- 黒河宏企、河合吾郎、D S T グループ
飛騨天文台H α 像と陽光軟X線像の比較
平成4年度第2回S T E研究会「太陽物理に与えた'ようこう'のインパクト」集録 pp.136-139, 1992
- 北井礼三郎、船越康宏、中井善寛、黒河宏企
Observation of Flare-Triggered Active Phenomena in an Active Region
NOAA6952 on December 4, 1991
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.53-58, 1992
- 北井礼三郎
Optical Observation of Post Flare Loops on Dec. 2, 1991 at Hida Observatory
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.77-79, 1992
- Kato, Y., Shibata, K., Tsuneta, S., Kitai, R., and SXT Team
Observation of 2-Dec-91 Flare using SXT
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.81-86, 1992
- Kurokawa, H., Kawai, G., Kitahara, T., Tsuneta, S., Kosugi, T., and Enome, S.
Comparison between H α and Yohkoh Soft X-ray Images of the 5 Dec. 1991
Flare
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.99-108, 1992
- 小路真木子
Line Shifts in Impulsive Phase
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.113-115, 1992
- 秋岡真樹、小路真木子、船越康宏、Zhang Honqui, Ai Guoxiang
Optical Observation of X1.9/4B Flare on Decayed Active Region NOAA6703
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.139-143, 1992
- Ishido, Y., Shibata, K., Tanaka, N., Kurokawa, H., and SXT Team
Observation of EFRs using SXT
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.145-149, 1992
- 秋岡真樹、船越康宏、小路真木子
Two Dimensional Multi-Wavelength Spectral Observation System Using VTR
総合シンポジウム「磁気シアーを基調とした太陽活動現象の研究—ようこうの最新成果をふまえて—」集録 pp.253-257, 1992
- 西川宝
非線型最小自乗法の有効性
高山短期大学研究紀要第15号 pp.11-20, 1992
- Akioka, M., and Kurokawa, H.
The Coordinated Solar Observation between Japan and China
Proc. First China-Japan Seminar on Solar Physics, pp.1-2, 1993
- Kurokawa, H., Akioka, M., Kawai, G., Tohmura, I., Kawakami, S., Shoji, M.,
Anwar, B., Hanaoka, Y., Kitai, R., Funakoshi, Y., Nakai, Y., and Makita, M.
Evolutional Characteristics of the Flare Regions Observed in the Japan-
China Coordinated Observation
Proc. First China-Japan Seminar on Solar Physics, pp.17-23, 1993

- Makita, M., and Li, W.
Velocity and Magnetic Field Fluctuations in Active Regions
Proc. First China-Japan Seminar on Solar Physics, pp.40-49, 1993
- Akioka, M.
Small Scale Active Phenomena Observed with DST and Huairou Magnetograms
Proc. First China-Japan Seminar on Solar Physics, pp.50-55, 1993
- Zhang, H., Ai, G., Sakurai, T., and Kurokawa, H.
Chromospheric Fine Structures Inferred from the Observation of Magnetic Fields
Proc. First China-Japan Seminar on Solar Physics, pp.56-66, 1993
- Kitai, R., Funakoshi, Y., Nakai, Y., Kurokawa, H., and Makita, M.
On Evershed Flows
Proc. First China-Japan Seminar on Solar Physics, pp.84-89, 1993
- Kubota, J., Kitai, R., Tohmura, I., and Uesugi, A.
The Vertical Motion of Matter in a Dark Filament on October 26, 1989 and its DB Event
Proc. First China-Japan Seminar on Solar Physics, pp.174-180, 1993
- Kurokawa, H., and Kawai, G.
H α Surge Activity at the First Stage of Magnetic Flux Emergence
"Then Magnetic and Velocity Fields of Solar Active Regions", (eds.)
H. Zirin, G. Ai, and H. Wang, IAU Colloq. No. 141, ASP Conf. Ser. Vol.46, pp.507-510, 1993
- 黒河宏企、河合吾郎、川上新吾、S X T チーム
浮上磁気領域とフレア活動
ワークショップ "One Year of YOHKO Research" 集録, pp.1-6, 1993
- 河合吾郎、黒河宏企、秋岡真樹、常田佐久、清水敏文、柴田一成、Acton, L., Strong, K., and Nitta, N.
Emerging Flux Regions Observed by Soft X-ray and H α
ワークショップ "One Year of YOHKO Research" 集録, pp.7-9, 1993
- Anwar, B., Makita, M., Funakoshi, Y., Kurokawa, H., Kitai, R., Hiei, E., Hudson, H.S., Canfield, R.C., Wulser, J.P.,
Metcalf, T., Acton, L., Tsuneta, S., Hara, H., Hanaoka, Y., and Sakao, T.
Morphological Evolution of the Post-Flare Loops of June 26, 1992
ワークショップ "One Year of YOHKO Research" 集録, pp.167-170, 1993
- 北井礼三郎、河合吾郎、Anwar, B., 黒河宏企、船越康宏、中井善寛、常田佐久
1992年4月6日のプロミネンス爆発について
ワークショップ "One Year of YOHKO Research" 集録, pp.184-188, 1993
- Kurokawa, H., Kawai, G., and YOHKO SXT Team
Frequent Occurrence of Flares in an Emerging Flux Region
宇宙放射線シンポジウム集録(1993) pp.34-37, 1993
- Canfield, R.C., Blais, K.A., McClymont, A.N., Metcalf, T.R., Readson, K.P., Wulser, J.P., Acton, L., Kurokawa, H., and Hirayama, T.
The X flare of 15 September 1991: Preflare Flux Emergence, Heating and Filament Eruption
宇宙放射線シンポジウム集録(1993) pp.88-91, 1993
- Kitai, R., Kawai, G., Anwar, B., Kurokawa, H., Funakoshi, Y., Nakai, Y.
Prominence Eruption in NOAA7125 on April 6, 1992
宇宙放射線シンポジウム集録(1993) pp.146-150, 1993
- Makita, M., Yatagai, H., Nakamura, K., Fujikawa, T., and Hirose, S.
Effective Lande Factors and Sunspot Magnetic Fields
Mem. Faculty Sci. Kyoto Univ., Ser. Phys. Astrophys. Geophys. Chem., 38, pp.255-313, 1993
- Hanaoka, Y., Nobeyama Radioheliograph Group, Hida Observatory Group
Simultaneous Observations of a Prominence Eruption Followed by a Coronal
Arcade Formation in Radio Soft X-ray and H α
宇宙放射線シンポジウム集録(1993) pp.101-104, 1993
- 一本潔、桜井隆、日江井栄二郎、西野洋平、篠田一也、野口本和、今井英樹、入江誠、宮下正邦、田中伸幸、熊谷収司、
佐野一成、末松芳法、岡本富三、宮崎英昭、福島英雄、代情靖、超昭旺
太陽フレア望遠鏡プロジェクト
国立天文台報第1巻第4号 pp.375-390, 1993
- 宮崎英昭、桜井隆、岡本富三、一本潔、宮下正邦、小山星一、坂田朗、和田節子
磁気光学フィルターの開発と太陽観測への応用
国立天文台報第2巻第1号 pp.417-429, 1993

八田貝宇、黒河宏企、渡辺堯

1992年8月28日のプロミネンス爆発に伴う軟X線イベント
宇宙放射線シンポジウム集録(1993) pp.140, 1993

Kurokawa, H., Nakai, Y., Funakoshi, Y., Kitai, R., Ishiura, K., and Kimura, G.

New Flare-Monitoring Telescope of Hida Observatory

太陽地球系エネルギー国際共同研究(STEP)第3回シンポジウム報告 pp.21-28, 1993

中井善寛、黒河宏企、西村有ニ

平成3年度に飛騨天文台に設置された太陽フレア監視望遠鏡

天文台技報第5号 pp.1-8, 1993

中井善寛

大型回折格子の必要性について

天文台技報第5号 pp.9-22, 1993

Ji, G.P., Kurokawa, H., Fang, C., and Huang, Y.R.,

High-Resolution Spectral Observation during the Impulsive Phase of a Flare,

Solar Phys. 149, pp.195-203, 1994

Hanaoka, Y., Kurokawa, H., Enome, S., Nakajima, H., Shibasaki, K., Nishio, M., Torii, C., Sekiguchi, H., Kawashima, S., Bushimata,

T., Shinohara, N., Irimajiri, Y., Koshiishi, H., Shinomi, Y., Nakai, Y., Funakoshi, Y., Kitai, R., Ishiura, K. and Kimura, G.,

Simultaneous Observations of a Prominence Eruption Followed by a Coronal

Arcade Formation in Radio, Soft X-Rays, and H-alpha,

Publ. Astron. Soc. Japan 46, pp.205-216, 1994

Miura, N., Ohsawa, K. and Baba, N.,

Single-Frame Blind Deconvolution by means of Frame Segmentation,

Optics Letters 19, p.695, 1994

Leka, K.D., van Driel-Gesztelyi, L., Anwar, B., Canfield, R.C., Hudson, H.S., Metcalf, T.R., Micky, D.L., Nitta, N. and Kurokawa, H.,

Diagnostics of Twisted Flux Emergence(NOAA AR7260),

in 'X-Ray Solar Physics from Yohkoh', eds. Y. Uchida et al., Frontiers Science

Ser. No.10, Universal Academy Press, pp.25-28, 1994

Kitai, R., Kawai, G., Anwar, B., Kurokawa, H., Funakoshi, Y., Nakai, Y. and Tsuneta, S.,

Prominence Eruption in NOAA 7125 on April 6, 1992,

in 'X-Ray Solar Physics from Yohkoh', eds. Y. Uchida et al., Frontiers Science

Ser. No. 10, Universal Academy Press, pp.287-292, 1994

Canfield, R.C., Blais, K.A., McClymont, A.N., Metcalf, T.R., Reardon, K.P., Wulser, J.-P., Acton, L.W., Kurokawa, H. and Hirayama, T.,

The X Flare of 15 November, 1991: Preflare Flux Emergence, Heating and

Filament Eruption, in 'X-Ray Solar Physics from Yohkoh', eds. Y. Uchida et al., Frontiers science

Ser. No. 10, Universal Academy Press, pp.153-156, 1994

Kurokawa, H., Kawai, G., Tsuneta, S. and Ogawara, Y.,

Transient Brightenings of Soft X-Ray Loops in Emerging Flux Regions,

in 'X-Ray Solar Physics from Yohkoh', eds. Y. Uchida et al., Frontiers Science

Ser. No. 10, Universal Academy Press, pp.59-62, 1994

Ichimoto, K., Kumagai, K., Sakurai, T., Hara, H., Takeda, A. and Yohkoh SXT Team,

Spectroscopic Observations of Coronal Emission Lines and Their Relation to Soft X-Ray Images,

in 'New Look at the Sun with Emphasis on Advanced Observations of Coronal

Dynamics and Flares', eds. S. Enome and T. Hirayama, Proc. Kofu Symp. pp.113-116, 1994

Kitai, R., Kurokawa, H., Funakoshi, Y., Nakai, Y., Shibata, K., Yaji, K., Nitta, N., Yohkoh Team and NAOJ Flare Telescope Team,

Flares on September 6, 1992,

in 'New Look at the Sun with Emphasis on Advanced Observations of Coronal

Dynamics and Flares', eds. S. Enome and T. Hirayama, Proc. Kofu Symp. pp.147-150, 1994

Kurokawa, H., Kitai, R., Kawai, G., Shibata, K., Yaji, K., Ichimoto, K., Nitta, N. and Zhang, H.,

A Morphological Study of Magnetic Shear Development in a Flare-Productive

Region NOAA 7270, 1992,

in 'New Look at the Sun with Emphasis on advanced Observations of Coronal

Dynamics and Flares', eds. S. Enome and T. Hirayama, Proc. Kofu Symp. pp.283-287, 1994

Takeda, A., Kurokawa, H., Kitai, R. and Ishiura, K.,

Thermal and Density Structure of the Inner Corona Observed at the 1991

Total Solar Eclipse,

in 'New Look at the Sun with Emphasis on Advanced Observations of Coronal

Dynamics and Flares', eds. S. Enome and T. Hirayama, Proc. Kofu Symp. pp.381-384, 1994

- Shoji, M. and Kurokawa, H.,
Red Asymmetries of Optical Lines at the Impulsive Phase of Solar Flares,
in 'New Look at the Sun with Emphasis on Advanced Observations of Coronal
Dynamics and Flares', eds. S. Enome and T. Hiroshima, Proc. Kofu Symp. pp.409-411, 1994
- Kurokawa, H.,
Hida Observatory of Kyoto University,
Proc. Second Japan-China Seminar on Solar Physics, eds. T. Sakurai et al., pp.17-21, 1994
- Kurokawa, H., Kitai, R., Funakoshi, Y., Nakai, Y., Ichimoto, K., Shibata, K. and Zhang, H.,
Emerging Flux Regions and Surge Activities in NOAA 7270,
Proc. Second Japan-China Seminar on Solar Physics, eds. T. Sakurai et al., pp.209-214, 1994
- Shibata, K., Nitta, N., Kitai, R., Kurokawa, H., Yaji, K., Sakurai, T. and Zhang, H.,
Flares on Sep. 6, 1992 in NOAA 7270: SXT Observations and Comparison with H-alpha and HXT Observations,
Proc. Second Japan-China Seminar on Solar Physics, eds. T. Sakurai et al., pp.220-225, 1994
- Kitai, R., Kurokawa, H., Funakoshi, Y., Nakai, Y., Shibata, K., Yaji, K., Nitta, N., Yokoh Team and NAOJ Flare Telescope Team,
Flares on Sep. 6, 1992,
Proc. Second Japan-China Seminar on Solar Physics, eds. T. Sakurai et al., pp.215-219, 1994
- Kurokawa, H.,
Yokoh-Hida Observation and Solar-B,
Proc. The Solar-B Meeting, pp.34-38, 1994
- 桜井隆、宮崎英昭、岡本富三、宮下正邦、坂田朗、和田節子
磁気光学フィルターの開発ー4
宇宙科学研究所搭載機器基礎開発成果報告書 Vol. 7, pp.73-78, 1994
- Shoji, M. and Kurokawa, H.,
Evolutional Characteristics of Multiple Spectral Lines during the Impulsive Phase of Solar Flares,
Publ. Astron. Soc. Japan 47, pp.239-250, 1995
- Schmieder, B., Mein, N., Shibata, K., van Driel-Gesztelyi, L. and Kurokawa, H.,
Chromospheric Ejections and Their Signatures in X-Ray Observed by YOHKOH,
Adv. Space Res. Vol. 17, No. 4/5, pp.193-196, 1995
- Kurokawa, H. and Shinkawa, T.,
The H α Filament Eruption of 20 Feb. 1994 Followed by a Big Flare and Geomagnetic and Interplanetary Disturbances,
STEP GBRSC NEWS Vol.5 No. 1 pp.3-4, 1995
- 黒河宏企、石浦清美、木村剛一、北井礼三郎、船越康宏、中井善寛、新川雄彦、谷田貝宇
太陽プロミネンス活動現象の観測
太陽地球系エネルギー国際協同研究(STEP)第4回シンポジウム報告、pp.61-71, 1995
- 谷田貝宇、荒木徹、黒河宏企、渡辺堯
フィラメント消失とそれに伴う軟X線現象及び地磁気擾乱
太陽地球系エネルギー国際協同研究(STEP)第4回シンポジウム報告、pp.79-85, 1995
- 船越康宏、北井礼三郎、木村剛一、中井善寛
大型真空分光器への熱影響
天文台技報第6号 pp.12-34, 1995
- Kurokawa, H., Ishiura, K., Kimura, G., Nakai, Y., Kitai, R., Funakoshi, Y., and Shinkawa, T.,
Observation of Solar H-alpha Filament Disappearances with a New Solar
Flare-Monitoring-Telescope at Hida Observatory,
J. Geomag. Geoelectr., Vol. 47, pp. 1043-1052, 1995
- Sakurai, T., Suematsu, Y., Ichimoto, K., Kurokawa, H., Kitai, R., Akioka, M., Tohmura, I., Soltau, D., Mickey, D.L., Zirin,
H., Tang, F., Zhang, H.Q., and Li, W.
Peculiar Magnetic Field Evolution of Active Region NOAA 7562 in August 1993,
in Proc. of the Third China-Japan Seminar on Solar Physics,
(eds) Wang, J.X., Ai, G.X., Sakurai, T., and Hirayama, T., pp. 3-10, 1996
- Kitai, R., Tohmura, I., Suematsu, Y., Akioka, M., and Soltau, D.,
Observations at Tenerife during the August 1993 International EFR Campaign,
in Proc. of the Third China-Japan Seminar on Solar Physics,
(eds) Wang, J.X., Ai, G.X., Sakurai, T., and Hirayama, T., pp. 11-16, 1996

- Hara, H., Ichimoto, K., and Takeda, A.,
Temperature Structures of the Active-Region Corona Revealed with Norikura
Coronagraph and Yohkoh Soft X-Ray Telescope,
in Proc. of the Third China-Japan Seminar on Solar Physics,
(eds) Wang, J.X., Ai, G.X., Sakurai, T., and Hirayama, T., pp. 97-102, 1996
- Kurokawa, H., Kawai, G., Kitai, R., Funakoshi, Y., and Nakai, Y.,
Observational Evidences of Magnetic Field Reconnection Found in H-alpha
Fine Structures,
in Proc. of the Third China-Japan Seminar on Solar Physics,
(eds) Wang, J.X., Ai, G.X., Sakurai, T., and Hirayama, T., pp. 191-196, 1996
- Kurokawa, H.,
Energy Build-up Processes of Solar Flares Studied by Optical Observations,
in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 185-194, 1996
- Kitai, R., Tohmura, I., Suematsu, Y., Akioka, M., and Soltau D.,
HeI 10830 Å in Solar Active Regions and its Correlation with Chromospheric Lines,
in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 435-436, 1996
- Yoshimura, K., Kurokawa, H., Sano, S., and Hudson, H.,
Causal Relation between H-alpha Arch Filament Loops and Soft X-ray Coronal Loops,
in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 457-458, 1996
- van Driel-Gesztelyi, L., Schmieder, B., Demoulin, P., Mandrini, C., Cauzzi, G., Hofmann, A., Nitta, N., Kurokawa, H.,
Mein, N., and Mein, P.,
Emerging Flux, Reconnection, and XBP, in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar
Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 459-460, 1996
- Takeda, A., Kurokawa, H., Kitai, R., Ishiura, K., and Golub, L.,
Comparison of High Resolution Optical and Soft X-ray Images of Solar Corona,
in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 483-484, 1996
- Fujiki, K., Nakajima, H., Hanaoka, Y., Yaji, K., and Kitai, R.,
Electron Acceleration Site of the 1992 Sep 6. Flare,
in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 547-548, 1996
- Magara, T., Minesige, S., Yokoyama, T., and Shibata, K.,
Numerical Simulation of Magnetic Reconnection in Eruptive Flares,
in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 585-586, 1996
- Shinkawa, T., and Makita, M.,
Distributions of the Magnetic Field Inclination in Sunspots,
in IAU Colloquium No.153 "Magnetodynamic Phenomena in the Solar Atmosphere",
(eds) Uchida, Y., Kosugi, T., and Hudson H.S., pp. 615-616, 1996
- van Driel-Gesztelyi, L., Schmieder, B., Wiik, J.E., Tarbell, T., Heinzel, P., Kitai, R., Funakoshi, Y., and Anwar, B.,
Relative Altitude of Hot and Cool Post-Flare Loops,
in 'Magnetic Reconnection in the Solar Atmosphere',
(eds.) Bently, R.D., and Mariska, J.T., pp. 359-364, 1996
- Kitai, R., and Muller, R.,
White-light Enhancements and Small-scale Chromospheric Activities in an Active Region,
Sol. Phys., Vol. 165, pp.155-167, 1996
- Magara, T., Minesige, S., Yokoyama, T., Shibata, K.,
Numerical Simulation of Magnetic Reconnection in Eruptive Flares,
Ap. J., Vol. 466, pp. 1054-1066, 1996
- 小路真木子、新川雄彦、北井礼三郎
花山天文台におけるUNIXシステムの現況、
天文台技報 第8号、pp. 1-11, 1996

- UeNo, S., Mineshige, H., Negoro, H., Shibata, K., and Hudson, H.S.
Statistics of Fluctuation in the Solar Soft X-ray Emission
Astrophys. J. 484, pp.920-926, 1997
- Magara, T., Shibata, K., and Yokoyama, T.
Evolution of Eruptive Flares. I. Plasmoid Dynamics in Eruptive Flares
Astrophys. J. 487, 437-446, 1997
- Kitai, R., Funakoshi, Y., Ueno, S., Sano, S., and Ichimoto, K.
Real Time Frame Selector and its Application to Observations of the Horizontal Velocity Field in the Solar Atmosphere
Publ. Astron. Soc. Japan 49, pp.513-522, 1997
- Herdiwijaya, D., Makita, M., Anwar, B.
The Proper Motion of Individual Sunspots
Publ. Astron. Soc. Japan 49, pp.235-248, 1997
- Magara, T., and Shibata, K.
Plasmoid Formation in Eruptive Flares
Adv. Space Res. 19, p.1903, 1997
- Kubota, J., Kitai, R., and Tokimasa, N.
Rapid Flow of Matter in quiescent Dark Filament
Proc. 7th Asian-Pacific region Meeting of IAU (Pusan), J. Korean Astron.
Soc. 29, S329-S330, 1997
- Tohmura, I., Kitai, R., Suematsu, Y., Akioka, M., and Soltau, D.
Spectroscopic Observation of the Solar Active regions in HeI 10830 Å line
Proc. 7th Asian-Pacific region Meeting of IAU (Pusan), J. Korean Astron.
Soc. 29, S333-S335, 1997
- van Driel-Gesztelyi, L., Wiik, J.E., Schmieder, B., Kitai, R., Tarbell, T.,
Anwar, B., and Funakoshi, Y.
Post-flare loops of 26 June 1992, IV : Formation and Expansion of Hot and Cool Loops
Solar Phys. 174, pp.151-162, 1997
- UeNo, S., and Kitai, R.
3D Velocity Field Observation of Solar Convection. I. Characteristics of Mesogranulation
Publ. Astron. Soc. Japan, 50, pp.129-135, 1998
- Ishii, T.T., Kurokawa, H., and Takeuchi, T.
Emergence of a Twisted Magnetic Flux Bundle as a Source of Strong Flare Activity
Astrophys. J., 499, 898-904, 1998