

Bibliography from ADS file: *sakurai.bib*
September 14, 2022

- Sakurai, T., Wright, A. N., Takahashi, K., et al., “*Poleward Moving Auroral Arcs and Pc5 Oscillations*”, 2022JGRA..12730362S [ADS](#)
- Wiegelmann, T. & Sakurai, T., “*Solar force-free magnetic fields*”, 2021LRSP...18...1W [ADS](#)
- Kusano, K., Ichimoto, K., Ishii, M., et al., “*PSTEP: project for solar-terrestrial environment prediction*”, 2021EP&S...73..159K [ADS](#)
- Shin, J., Kano, R., Sakurai, T., Kim, Y., & Moon, Y., “*Determination of Large Scale Plasma Properties of Solar Corona Using the X-Ray Telescope onboard Hinode: IV. Detailed Calibration of the Off-Axis Data*”, 2021AAS...23831307S [ADS](#)
- Shin, J., Kano, R., Sakurai, T., Kim, Y.-H., & Moon, Y.-J., “*Detailed Calibration of the Off-Axis Optical Characteristics for the X-Ray Telescope onboard Hinode*”, 2021EGUGA..2313004S [ADS](#)
- Shin, J., Sakurai, T., Kano, R., Kim, Y.-H., & Moon, Y.-J., “*Determination of Large Scale Plasma Properties of Solar Corona Using the X-Ray Telescope onboard Hinode: III. PSF and Image Calibration*”, 2021cosp...43E1049S [ADS](#)
- Hanaoka, Y. & Sakurai, T., “*Internetwork Magnetic Fields Seen in Fe I 1564.8 nm Full-disk Images*”, 2020ApJ...904...63H [ADS](#)
- Hanaoka, Y., Sakurai, T., Otsuji, K., Suzuki, I., & Morita, S., “*Synoptic solar observations of the Solar Flare Telescope focusing on space weather*”, 2020JWSC..10...41H [ADS](#)
- Chatzistergos, T., Ermolli, I., Krivova, N. A., et al., “*Analysis of full-disc Ca II K spectroheliograms. III. Plage area composite series covering 1892-2019*”, 2020A&A...639A..88C [ADS](#)
- Chatzistergos, T., Ermolli, I., Krivova, N. A., et al., “*VizieR Online Data Catalog: Plage area composite series (Chatzistergos+, 2020)*”, 2020yCat..36390088C [ADS](#)
- Shin, J., Sakurai, T., Kano, R., Moon, Y.-J., & Kim, Y.-H., “*Detailed Calibration of the Off-Axis Optical Characteristics for the X-Ray Telescope onboard Hinode*”, 2020EGUGA..2210225S [ADS](#)
- Demidov, M. L., Hanaoka, Y., Sakurai, T., & Wang, X. F., “*Large-Scale Solar Magnetic Fields Observed with the Infrared Spectro-Polarimeter IRmag at the National Astronomical Observatory of Japan: Comparison of Measurements Made in Different Spectral Lines and Observatories*”, 2020SoPh..295...54D [ADS](#)
- Hinode Review Team, Al-Janabi, K., Antolin, P., et al., “*Achievements of Hinode in the first eleven years*”, 2019PASJ...71R...1H [ADS](#)
- Demidov, M., Hanaoka, Y., & Sakurai, T., “*Large-scale solar magnetic fields from observations in the visible and infrared spectral lines and some space weather issues.*”, 2019spw..confE...2D [ADS](#)
- Hanaoka, Y., Sakurai, T., & IRMag Group, “*Statistical Study of the Magnetic Field in Solar Filaments*”, 2019ASPC..526..275H [ADS](#)
- Shin, J., Kano, R., Sakurai, T., Kim, Y.-H., & Moon, Y.-J., “*Determination of Large Scale Plasma Properties of Solar Corona Using the X-Ray Telescope onboard Hinode: II. Correction for the Scattered Lights*”, 2019EGUGA..21.9726S [ADS](#)
- Sakurai, T., Hanaoka, Y., Arai, T., et al., “*Infrared spectro-polarimeter on the Solar Flare Telescope at NAOJ/Mitaka*”, 2018PASJ...70...58S [ADS](#)
- Zhao, M. Y., Liu, Y., Song, T. F., et al., “*Image enhancement for the observation of the solar corona*”, 2018SPIE10701E..29Z [ADS](#)
- Okamoto, T. J. & Sakurai, T., “*Super-strong Magnetic Field in Sunspots*”, 2018ApJ...852L..160 [ADS](#)
- Sakurai, T., “*Hinode’s Contributions to Solar Physics*”, 2018ASSL..449..19S [ADS](#)
- Hanaoka, Y. & Sakurai, T., “*Statistical Study of the Magnetic Field Orientation in Solar Filaments*”, 2017ApJ...851..130H [ADS](#)
- Okamoto, J. & Sakurai, T., “*The Strongest Magnetic Field in Sunspots*”, 2017AGUFMSH51C24960 [ADS](#)
- Sakurai, T., “*Heating mechanisms of the solar corona*”, 2017PJAB...93...87S [ADS](#)
- Xu, H., Zhang, H., Kuzanyan, K., & Sakurai, T., “*On the Origin of Differences in Helicity Parameters Derived from Data of Two Solar Magnetographs*”, 2016SoPh..291.2253X [ADS](#)
- Shin, J. & Sakurai, T., “*The Vignetting Effect of the Soft X-Ray Telescope Onboard Yohkoh: II. Pre-Launch Data Analysis*”, 2016SoPh..291..705S [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Editorial Appreciation*”, 2016SoPh..291..337L [ADS](#)
- Hanaoka, Y., Sakurai, T., & IRMag Group, “*Solar Full-Disk Polarization Measurement with the Fe I 1564 Å Line*”, 2015IAUS..305..92H [ADS](#)
- Tinyakov, P., Sagawa, H., Troitsky, S., et al., “*TA Anisotropy Summary*”, 2015ICRC...34..326T [ADS](#)
- Shin, J. & Sakurai, T., “*Vignetting Effect in the Soft X-Ray Telescope Onboard Yohkoh: I. Numerical Simulation*”, 2015SoPh..290.1531S [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Editorial Appreciation*”, 2015SoPh..290..657L [ADS](#)
- Otsuji, K., Sakurai, T., & Kuzanyan, K., “*A statistical analysis of current helicity and twist in solar active regions over the phases of the solar cycle using the spectro-polarimeter data of Hinode*”, 2015PASJ...67...60 [ADS](#)
- Sakurai, T., “*Editors’ Note*”, 2014SoPh..289.4423S [ADS](#)
- Shin, J. & Sakurai, T., “*The Effect of the CCD Gate Structure in the Determination of the Undersampled Point Spread Function*”, 2014SoPh..289.2803S [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Editorial Appreciation*”, 2014SoPh..289.1455L [ADS](#)
- Hanaoka, Y. & Sakurai, T., “*Infrared Stokes Polarimeter at NAOJ/Mitaka*”, 2014IAUS..300..515H [ADS](#)
- Gao, Y., Sakurai, T., Zhang, H., Kuzanyan, K. M., & Sokoloff, D., “*Statistical distribution of current helicity in solar active regions over the magnetic cycle*”, 2013MNRAS..433.1648G [ADS](#)
- Sakurai, T., Gao, Y., & Kuzanyan, K., “*Magnetic helicity as a probe of magnetic flux-tube dynamics in the solar interior*”, 2013IAUS..294..301S [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Editorial Appreciation*”, 2013SoPh..283...1L [ADS](#)
- Takeda, Y., Tajitsu, A., Honda, S., et al., “*Detection of Low-Level Activities in Solar-Analog Stars from Emission Strengths of the Ca II 3934 Line*”, 2012PASJ...64..130T [ADS](#)
- Wiegelmann, T. & Sakurai, T., “*Solar Force-free Magnetic Fields*”, 2012LRSP...9...5W [ADS](#)
- Sakurai, T., “*Helioseismology, Dynamo, and Magnetic Helicity*”, 2012ASPC..462..247S [ADS](#)
- Sakurai, T., “*Sixty Years of Norikura Solar Observatory*”, 2012ASPC..454..439S [ADS](#)
- , “*The 3rd Hinode Science Meeting*”, 2012ASPC..454....S [ADS](#)
- Takeda, Y., Tajitsu, A., Honda, S., et al., “*Detection of Low-Level Activities in Solar-Analog Stars from the Emission Strengths of Ca II 3934 Line*”, 2012arXiv1207.0176T [ADS](#)
- Xu, H., Gao, Y., Zhang, H., et al., “*Magnetic Helicity of Solar Active Regions as Revealed by Vector Magnetograms and Coronal X-Ray Images*”, 2012PASJ...64..54X [ADS](#)
- Green, L. M., Sakurai, T., & van Driel-Gesztelyi, L., “*Preface*”, 2012SoPh..278...1G [ADS](#)
- Oyabu, I., Iizuka, Y., Sakurai, T., et al., “*Chemical compositions of soluble particles around the Termination I in the Dome Fuji ice core*”, 2012EGUGA..14.67410 [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Editorial Appreciation*”, 2012SoPh..276...1L [ADS](#)
- Choudhary, D. P. & Sakurai, T., “*Chromospheric Magnetic Field of Solar Active Regions*”, 2011AGUFMSH31A1987C [ADS](#)
- Takeda, Y., Tajitsu, A., Honda, S., et al., “*Beryllium Abundances of Solar-Analog Stars*”, 2011PASJ...63..697T [ADS](#)
- Hanaoka, Y., Sakurai, T., Shinoda, K., et al., “*Infrared Stokes Spectro-Polarimeter at the National Astronomical Observatory of Japan*”, 2011ASPC..437..371H [ADS](#)
- Hagino, M., Hanaoka, Y., Sakurai, T., & Ichimoto, K., “*Quantitative Comparison between the Polarization Data Taken with the Solar Flare Telescope and with the Hinode SOT Spectro-Polarimeter*”, 2011ASPC..437..359H [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Editorial Appreciation*”, 2011SoPh..269...1L [ADS](#)
- Sakurai, T., “*Conference summary: Asia-Pacific region in the world and in astronomy*”, 2011ASInC...2..411S [ADS](#)
- Takeda, Y., Honda, S., Kawanomoto, S., Ando, H., & Sakurai, T., “*VizieR Online Data Catalog: Li abundances in solar-analog stars. II. (Takeda+, 2010)*”, 2010yCat..35150093T [ADS](#)
- Yamamoto, T. T. & Sakurai, T., “*Thermal and Magnetic Parameters in Solar Flares Derived from GOES X-Ray Light Curves*”, 2010PASJ...62..755Y [ADS](#)
- Takeda, Y., Honda, S., Kawanomoto, S., Ando, H., & Sakurai, T., “*Behavior of Li abundances in solar-analog stars. II. Evidence of the connection with rotation and stellar activity*”, 2010A&A...515A..93T [ADS](#)
- Leibacher, J., Sakurai, T., Schrijver, C. J., & van Driel-Gesztelyi, L., “*Solar Observation Target Identification Convention for use in Solar Physics*”, 2010SoPh..263...1L [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Editorial Appreciation*”, 2010SoPh..262...1L [ADS](#)
- Zhang, H., Sakurai, T., Pevtsov, A., et al., “*A new dynamo pattern revealed by solar helical magnetic fields*”, 2010MNRAS.402L..30Z [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “*Solar Physics Publication Ethics Policies*”, 2009SoPh..260...1L [ADS](#)
- Nowada, M., Shue, J. H., Lin, C. H., et al., “*Alfvénic plasma velocity variations observed at the inner edge of the low-latitude boundary layer induced by the magnetosheath mirror mode waves: A THEMIS observation*”, 2009JGRA..114.7208N [ADS](#)

- Yamamoto, T. T. & Sakurai, T., “Time Variation and Statistical Studies of Magnetic Helicity Injection in Solar Magnetic Regions”, [2009ApJ...698..928Y ADS](#)
- Su, J. T., Sakurai, T., Suematsu, Y., Hagino, M., & Liu, Y., “Local Twist and Current Helicity Distributions of Active Region NOAA 10930”, [2009ApJ...697L.103S ADS](#)
- Hagino, M., Nakatani, Y., Ishii, T. T., et al., “Comparison of the Vector Magnetograms taken with the SFT/MTK and the SST/KSW”, [2009ASPC..405..393H ADS](#)
- Yamamoto, T. T. & Sakurai, T., “Forecasting maximum solar flare magnitudes from photospheric magnetograms”, [2009SpWea...7.4007Y ADS](#)
- Gopalswamy, N., Eichhorn, G., Sakurai, T., & Haubold, H. J., “Preface to the Proceedings of the European General Assembly and the United Nations Workshop”, [2009EM&P..104..139G ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “Editorial Appreciation”, [2009SoPh..255....1L ADS](#)
- Shin, J. & Sakurai, T., “Erratum: Optical Characteristics of the Soft X-Ray Telescope Aboard Yohkoh . I. Interpretation of the Undersampled Point Spread Function”, [2009SoPh..254..385S ADS](#)
- Shin, J. & Sakurai, T., “Optical Characteristics of the Soft X-Ray Telescope Aboard Yohkoh . I. Interpretation of the Undersampled Point Spread Function”, [2009SoPh..254..357S ADS](#)
- Yamamoto, T. T. & Sakurai, T., “Correlations between Flare Parameters and Magnetic Parameters in Solar Flares”, [2009PASJ...61..75Y ADS](#)
- Shin, J. & Sakurai, T., “Studies on the imaging characteristics of Yohkoh Soft X-ray Telescope: Optical aberration and scattering”, [2009AdSpR..43..101S ADS](#)
- Pohjolainen, S., Hori, K., & Sakurai, T., “Radio Bursts Associated with Flare and Ejecta in the 13 July 2004 Event”, [2008SoPh..253..291P ADS](#)
- Chae, J., Ahn, K., Lim, E.-K., Choe, G. S., & Sakurai, T., “Persistent Horizontal Flows and Magnetic Support of Vertical Threads in a Quiescent Prominence”, [2008ApJ...689L..73C ADS](#)
- Chae, J. & Sakurai, T., “A Test of Three Optical Flow Techniques-LCT, DAVE, and NAVE”, [2008ApJ...689..593C ADS](#)
- Nowada, M., Shue, J., Lin, C., et al., “THEMIS Observations of the Wavy Variations in the Plasma Velocity at the inner edge of the Low-Latitude Boundary Layer”, [2008AGUFMSM23A1685N ADS](#)
- Inoue, S., Kusano, K., Masuda, S., et al., “Three-Dimensional Structure Analysis of Coronal Magnetic Field in AR NOAA 10930 Based on Vector Magnetogram Observations with Hinode/SOT”, [2008ASPC..397..110I ADS](#)
- Chae, J., Litvinenko, Y. E., & Sakurai, T., “Determination of Magnetic Diffusivity from High-Resolution Solar Magnetograms”, [2008ApJ...683..1153C ADS](#)
- Sakurai, T., “Preface: A Topical Issue on the Hinode Mission”, [2008SoPh..249..165S ADS](#)
- Pevtsov, A. A., Canfield, R. C., Sakurai, T., & Hagino, M., “On the Solar Cycle Variation of the Hemispheric Helicity Rule”, [2008ApJ...677..719P ADS](#)
- Morinaga, S., Sakurai, T., Ichimoto, K., et al., “Suppression of convection around small magnetic concentrations”, [2008A&A...481L..29M ADS](#)
- Chae, J., Litvinenko, Y. E., & Sakurai, T., “Determination of Magnetic Diffusivity from High Resolution Solar Magnetograms”, [2008cosp...37..482C ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., “Editorial Appreciation”, [2008SoPh..247....1L ADS](#)
- Srivastava, A. K., Singh, J., Dwivedi, B. N., et al., “Fe XIV green/Fe XIII infrared line ratio diagnostics”, [2007BASI...35..457S ADS](#)
- Singh, J., Munee, S., Sakurai, T., & Ichimoto, K., “Magnetic nature of coronal loops”, [2007BASI...35..437S ADS](#)
- Kim, Y., Moon, Y., Cho, K., et al., “Small-scale X-ray/EUV Jets seen in Hinode XRT and TRACE”, [2007AGUFMSH53A1061K ADS](#)
- Inoue, S., Kusano, K., Masuda, S., et al., “Non-Linear Force-Free Modeling of AR NOAA 10930 Based on Vector Magnetogram Observation with Hinode/SOT”, [2007AGUFMSH53A1048I ADS](#)
- Kim, S., Moon, Y.-J., Kim, K.-H., et al., “Two-Step Reconnections in a C3.3 Flare and Its Preflare Activity Observed by Hinode XRT”, [2007PASJ...59S.831K ADS](#)
- Yan, Y., Huang, J., Chen, B., & Sakurai, T., “Diagnostics of Radio Fine Structures around 3 GHz with Hinode Data in the Impulsive Phase of an X3.4/4B Flare Event on 2006 December 13”, [2007PASJ...59S.815Y ADS](#)
- Kim, Y.-H., Moon, Y.-J., Park, Y.-D., et al., “Small-Scale X-Ray/EUV Jets Seen in Hinode XRT and TRACE”, [2007PASJ...59S.763K ADS](#)
- Li, H., Sakurai, T., Ichimoto, K., et al., “Response of the Solar Atmosphere to Magnetic Flux Emergence from Hinode Observations”, [2007PASJ...59S.643L ADS](#)
- Moon, Y.-J., Kim, Y.-H., Park, Y.-D., et al., “Hinode SP Vector Magnetogram of AR10930 and Its Cross-Comparison with MDI”, [2007PASJ...59S.625M ADS](#)
- Chae, J., Moon, Y.-J., Park, Y.-D., et al., “Initial Results on Line-of-Sight Field Calibrations of SP/NFI Data Taken by SOT/Hinode”, [2007PASJ...59S.619C ADS](#)
- Morinaga, S., Nagata, S., Ichimoto, K., et al., “Center-to-Limb Variation of Stokes V Asymmetries in Solar Pores Observed with the Hinode Spectro-Polarimeter”, [2007PASJ...59S.613M ADS](#)
- Hayashi, Y., Hirata, K., Kuragano, T., et al., “Feasibility study on the potential of satellite altimetry for detecting seismic geoid changes due to the 2004 Sumatra-Andaman earthquake”, [2007EP&S...59..1149H ADS](#)
- Sakurai, T., “Two Fundamental MHD Problems in Solar Physics”, [2007ASPC..369..587S ADS](#)
- Suzuki, I., Sakurai, T., & Ichimoto, K., “Observation of a Coronal Mass Ejection and its Source Region with NOrikura Green-line Imaging System (NOGIS)”, [2007ASPC..369..543S ADS](#)
- Notoya, S., Yokoyama, T., Kusano, K., et al., “Three-Dimensional Filament Eruption Driven by an Emerging Flux”, [2007ASPC..369..381N ADS](#)
- Hori, K., Ichimoto, K., & Sakurai, T., “Flare-Associated Oscillations in Coronal Multiple-Loops Observed with the Norikura Green-Line Imaging System”, [2007ASPC..369..213H ADS](#)
- Yamamoto, T. T., Sakurai, T., Kusano, K., & Yokoyama, T., “Helicity Injection in Regions of Various Magnetic Fluxes”, [2007ASPC..369..179Y ADS](#)
- Hagino, M., Moon, Y. J., & Sakurai, T., “Skew Angle and Magnetic Helicity in Solar Active Regions”, [2007ASPC..369..163H ADS](#)
- , “New Solar Physics with Solar-B Mission”, [2007ASPC..369....S ADS](#)
- Muraki, Y., Tsuchiya, H., Fujiki, K., et al., “A solar neutron telescope in Tibet and its capability examined by the 1998 November 28th event”, [2007APh..28..119M ADS](#)
- Takeda, Y., Kawanomoto, S., Honda, S., Ando, H., & Sakurai, T., “Behavior of Li abundances in solar-analog stars. Evidence for line-width dependence”, [2007A&A...468..663T ADS](#)
- Takeda, Y., Kawanomoto, S., Honda, S., Ando, H., & Sakurai, T., “VizieR Online Data Catalog: Li abundances in solar-analog stars (Takeda+, 2007)”, [2007yCat..34680663T ADS](#)
- Xu, H., Gao, Y., Zhang, H., et al., “Helicity comparison among three magnetographs”, [2007AdSpR..39.1715X ADS](#)
- Sakurai, T., Hori, K., Suzuki, I., & Ichimoto, K., “Observation of CME Source Regions by Coronal Emission-Line Dopplergrams”, [2006ihy..workE..35S ADS](#)
- Jain, R., Joshi, V., Hanaoka, Y., Sakurai, T., & Upadhyay, N., “Study of Microflares through SOXS Mission”, [2006JApA...27..339J ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., & Muneer, S., “Spectroscopic Studies of Solar Corona VI: Trend in Line-width Variation of Coronal Emission Lines with Height Independent of the Structure of Coronal Loops”, [2006JApA...27..115S ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., Muneer, S., & Raveendran, A. V., “Spectroscopic Studies of Solar Corona VIII. Temperature and Non-Thermal Variations in Steady Coronal Structures”, [2006SoPh..236..245S ADS](#)
- Adachi, H., Sakurai, T., & Marubashi, K., “Geomagnetic effects of high-density plasma with southward magnetic field in the interplanetary coronal mass ejection observed on May 2-3, 1998”, [2006EP&S..58..315A ADS](#)
- Singh, J., Sakurai, T., & Ichimoto, K., “Do the Line Widths of Coronal Emission Lines Increase with Height above the Limb?”, [2006ApJ...639..475S ADS](#)
- Wiegelmann, T., Inhester, B., & Sakurai, T., “Preprocessing of Vector Magnetograph Data for a Nonlinear Force-Free Magnetic Field Reconstruction”, [2006SoPh..233..215W ADS](#)
- Suzuki, I., Sakurai, T., & Ichimoto, K., “Three-Dimensional Motion of Plasmas Associated with a Coronal Mass Ejection Observed with NOrikura Green-Line Imaging System (NOGIS)”, [2006PASJ...58..165S ADS](#)
- Sakurai, T., “Solar Magnetic Fields: From the Interior to the Surface and Beyond”, [2006cosp...36.3509S ADS](#)
- Sakurai, T., “Outlook for Studies of Magnetic Fields with Solar-B”, [2006cosp...36.3508S ADS](#)
- Suzuki, I., & Sakurai, T., “Relationship between the mass and the acceleration of CMEs”, [2006cosp...36.2826S ADS](#)
- Shin, J. & Sakurai, T., “On the Imaging Characteristics of Yohkoh Soft X-Ray Telescope”, [2006cosp...36.2747S ADS](#)
- Yamamoto, T., Sakurai, T., Kusano, K., et al., “Helicity injections in various regions”, [2006cosp...36.1175Y ADS](#)
- Hori, K., Pohjolainen, S., & Sakurai, T., “Radio and Hard X-ray Quasi-Periodic Pulsations during the 2004 July 13 Flare”, [2006cosp...36..720H ADS](#)
- Engvold, O., Harvey, J., Leibacher, J., et al., “Editorial Appreciation”, [2006SoPh..233....1E ADS](#)
- Yamamoto, T. T. & Sakurai, T., “Upward velocities of the reconnection points and coronal magnetic field strengths in flaring regions derived from the GOES X-ray light curves”, [2006IAUS..233..128Y ADS](#)
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., “Feedback Excitation of Double Reconnection as a Mechanism of the Impulsive Onset of Solar Flares”, [2005AGUFMSM13C..02K ADS](#)

- Kusano, K., Inoue, S., Yamamoto, T., Yokoyama, T., & Sakurai, T., "Simulation Study on the Self-Organization of Sigmoidal Structure and the Onset of Solar Flares", 2005ESASP.596E..30K [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., & Watanabe, T., "Complex Variations in Line-Intensity Ratio of Coronal Emission Lines with Height Above the Limb", 2005BASI...33..362S [ADS](#)
- Dobashi, K., Uehara, H., Kandori, R., et al., "VizieR Online Data Catalog: Atlas and Catalog of Dark Clouds (Dobashi+, 2005)", 2005yCat.7244....0D [ADS](#)
- Leibacher, J., Sakurai, T., & van Driel-Gesztelyi, L., "Editorial", 2005SoPh..229....3L [ADS](#)
- Hagino, M. & Sakurai, T., "Solar-Cycle Variation of Magnetic Helicity in Active Regions", 2005PASJ...57..481H [ADS](#)
- Yamamoto, T. T., Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "Magnetic Helicity Injection and Sigmoidal Coronal Loops", 2005ApJ...624.1072Y [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., Suzuki, I., & Hagino, M., "Spectroscopic Studies of Solar Corona VII. Formation of a Coronal Loop by Evaporation", 2005SoPh..226..201S [ADS](#)
- Maeshiro, T., Kusano, K., Yokoyama, T., & Sakurai, T., "A Statistical Study of the Correlation between Magnetic Helicity Injection and Soft X-Ray Activity in Solar Active Regions", 2005ApJ...620.1069M [ADS](#)
- Sakurai, T., Dobashi, K., Kaiden, M., et al., "Molecular Cloud Core MCLD 123.5+24.9 in Polaris Cirrus", 2005prpl.conf.8138S [ADS](#)
- Dobashi, K., Uehara, H., Kandori, R., et al., "Atlas and Catalog of Dark Clouds Based on Digitized Sky Survey I", 2005prpl.conf.8137D [ADS](#)
- Minarovjech, M., Rušin, V., Rybanský, M., Sakurai, T., & Ichimoto, K., "Oscillations in the coronal green-line intensity observed at Lomnický Štít and Norikura nearly simultaneously", in Annual Report of the National Astronomical Observatory of Japan, Volume 6, Vol. 6, 36 2005naoj.book...36M [ADS](#)
- Sakurai, T., Tonegawa, Y., Shinkai, Y., & Nowada, M., "Dayside Outer Magnetosphere ULF Waves Observed by Geotail", 2005fmpp.conf...71S [ADS](#)
- Nowada, M., Sakurai, T., & Mukai, T., "On Ion Properties within the Subsolar Magnetopause Current Layer under the Northward and Southward IMF", 2005fmpp.conf...43N [ADS](#)
- Muraki, Y., Tsuchiya, H., Evenson, P., et al., "Highest Energy Neutrons Detected by a Solar Neutron Telescope in Association with the November 28th 1998, Solar Flare", 2005ICRC....1..25M [ADS](#)
- Hori, K., Ichimoto, K., Sakurai, T., Sano, I., & Nishino, Y., "Flare-induced coronal disturbances observed with Norikura "NOGIS" coronagraph", 2005IAUS..226..36H [ADS](#)
- Pevtsov, A. A., Hagyard, M. J., Blehm, Z., et al., "On a Cyclic Variation of the Hemispheric Helicity Rule", 2005HiA...13..140P [ADS](#)
- Hori, K., Ichimoto, K., Sakurai, T., Sano, I., & Nishino, Y., "Flare-associated Coronal Disturbances Observed with the Norikura Green-Line Imaging System. I. A Coronal Mass Ejection Onset", 2005ApJ...618.1001H [ADS](#)
- Hori, K., Ichimoto, K., Sakurai, T., Sano, I., & Nishino, Y., "A CME onset observed with Norikura NOGIS coronagraph", 2005ARA&D...47..51H [ADS](#)
- Singh, J., Sakurai, T., & Ichimoto, K., "Some coronal loops have cooler loop-tops", 2005ARA&D...47..50S [ADS](#)
- Hagino, M. & Sakurai, T., "Hemispheric sign rule of magnetic helicity on the Sun", 2005ARA&D...47..49H [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., & Watanabe, T., "Complex Variations in the Line-Intensity Ratio of Coronal Emission Lines with Height above the Limb", 2004ApJ...617L..81S [ADS](#)
- Hori, K., Ichimoto, K., Sakurai, T., Nishino, Y., & Nogis Team, "Flare-Induced Coronal Disturbances Observed with Norikura "NOGIS" Coronagraph: A CME Onset", 2004ASPC..325..415H [ADS](#)
- Yamauchi, Y., Moore, R. L., Suess, S. T., Wang, H., & Sakurai, T., "Macrospicules, Coronal Heating, and SolarB", 2004ASPC..325..301Y [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., & Watanabe, T., "Spectroscopic Studies of Steady Coronal Structures – Line Width Variations with Height of IonFeX-XIV Emission Lines", 2004ASPC..325..235S [ADS](#)
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "Study of Magnetic Helicity in the Solar Corona", 2004ASPC..325..175K [ADS](#)
- Hagino, M., Sakurai, T., & Miyazawa, A., "Phase Relationship between the Activity Cycles of Sunspots and Polar Faculae", 2004ASPC..325..157H [ADS](#)
- Yamamoto, T. T., Sakurai, T., Kusano, K., Maeshiro, T., & Yokoyama, T., "Magnetic Helicity Injection and Sigmoidal Coronal Loops", 2004ASPC..325..145Y [ADS](#)
- , "The Solar-B Mission and the Forefront of Solar Physics", 2004ASPC..325.....S [ADS](#)
- Hagino, M. & Sakurai, T., "Latitude Variation of Helicity in Solar Active Regions", 2004PASJ...56..831H [ADS](#)
- Nowada, M., Sakurai, T., & Mukai, T., "GEOTAIL observation of tilted X-line formation during flux transfer events (FTEs) in the dayside magnetospheric boundary layers", 2004AnGeo..22.2907N [ADS](#)
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "The Trigger Mechanism of Solar Flares in a Coronal Arcade with Reversed Magnetic Shear", 2004ApJ...610..537K [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., Hagino, M., & Yamamoto, T. T., "Existence of Nanoparticle Dust Grains in the Inner Solar Corona?", 2004ApJ...608L..69S [ADS](#)
- Yamauchi, Y., Moore, R. L., Suess, S. T., Wang, H., & Sakurai, T., "The Magnetic Structure of H α Macrospicules in Solar Coronal Holes", 2004ApJ...605..511Y [ADS](#)
- Yamauchi, Y., Suess, S. T., Steinberg, J. T., & Sakurai, T., "Differential velocity between solar wind protons and alpha particles in pressure balance structures", 2004JGRA..109.3104Y [ADS](#)
- Yamauchi, Y., Suess, S. T., & Sakurai, T., "Relation between pressure balance structures and polar plumes from Ulysses high latitude solar wind observations", in Annual Report of the National Astronomical Observatory of Japan, Vol. 5, 49 2004naoj.book...49Y [ADS](#)
- Bao, S., Sakurai, T., & Suematsu, Y., "The source of magnetic field twist in solar active regions", in Annual Report of the National Astronomical Observatory of Japan, Vol. 5, 48 2004naoj.book...48B [ADS](#)
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "Measurement of magnetic helicity injection and free energy loading into the solar corona", in Annual Report of the National Astronomical Observatory of Japan, Vol. 5, 47 2004naoj.book...47K [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., Suematsu, Y., & Takeda, A., "Spectroscopic studies of the solar corona using Fe X, XIII, XIV lines", in Annual Report of the National Astronomical Observatory of Japan, Vol. 5, 46 2004naoj.book...46S [ADS](#)
- Sakurai, T., Ichimoto, K., Raju, K. P., & Singh, J., "Spectroscopic observation of coronal waves", in Annual Report of the National Astronomical Observatory of Japan, Vol. 5, 45 2004naoj.book...45S [ADS](#)
- Adachi, H. & Sakurai, T., "Dst prediction for a period of high-density plasmas in magnetic clouds", 2004cosp...35.3271A [ADS](#)
- Hagino, M., Yamamoto, T., & Sakurai, T., "Loading of magnetic helicity and flare activity", 2004cosp...35.1955H [ADS](#)
- Yamamoto, T., Sakurai, T., Kusano, K., Yokoyama, T., & Maeshiro, T., "Magnetic helicity injection and sigmoidal coronal loops", 2004cosp...35.1951Y [ADS](#)
- Suzuki, I., Sakurai, T., & Ichimoto, K., "Observation of CMEs with NORIKURA Green-line Imaging System (NOGIS)", 2004cosp...35.1948S [ADS](#)
- Hori, K., Ichimoto, K., & Sakurai, T., "Flare-induced mhd kink oscillation in coronal multiple loops", 2004cosp...35.1302H [ADS](#)
- Hanaoka, Y., Sakurai, T., Noguchi, M., & Ichimoto, K., "High-cadence H α imaging of solar flares", 2004AdSpR..34.2753H [ADS](#)
- Sakurai, T., Rusin, V., & Minarovjech, M., "Solar-cycle variation of near-sun sky brightness observed with coronagraphs", 2004AdSpR..34..297S [ADS](#)
- Yamaguchi, K., Sakurai, T., Irie, M., et al., "The flare of 1991 June 4 (importance 3B) and the associated Moreton wave", 2003RNAOJ...6..101Y [ADS](#)
- Yamauchi, Y., Suess, S. T., & Sakurai, T., "Relation Between Polar Plumes and Fine Structure in the Solar Wind from Ulysses High-Latitude Observations", 2003AIPC..679..255Y [ADS](#)
- Shin, J. & Sakurai, T., "Point Spread Function of the Soft X-Ray Telescope Aboard YOHKOH", 2003JKAS...36S.117S [ADS](#)
- Sakurai, T. & Hagino, M., "Magnetic Helicity of Solar Active Regions and its Implications", 2003JKAS...36S..7S [ADS](#)
- Yamauchi, Y., Moore, R. L., Suess, S. T., Wang, H., & Sakurai, T., "Observation of Two Forms of Macrospicules in Coronal Holes: Spikes and Loops", 2003SPD....34.0411Y [ADS](#)
- Minarovjech, M., Rušin, V., Rybanský, M., Sakurai, T., & Ichimoto, K., "Oscillations in the Coronal Green-Line Intensity Observed at Lomnický Štít and Norikura Nearly Simultaneously", 2003SoPh..213..269M [ADS](#)
- Zhang, H., Labonte, B., Li, J., & Sakurai, T., "Analysis of Vector Magnetic Fields in Solar Active Regions by Huairou, Mees and Mitaka Vector Magnetographs", 2003SoPh..213..87Z [ADS](#)
- Singh, J., Ichimoto, K., Sakurai, T., & Munneer, S., "Spectroscopic Studies of the Solar Corona. IV. Physical Properties of Coronal Structure", 2003ApJ...585..516S [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., & Munneer, S., "Spectroscopic Studies of the Solar Corona - V. Physical Properties of Coronal Structures", 2003SoPh..212..343S [ADS](#)
- Hanaoka, Y., Noguchi, M., Sakurai, T., & Ichimoto, K., "High-Speed H α Camera and the Real-Time Image Processing System for Solar Observations", 2003SPIE.4853..576H [ADS](#)
- Choudhary, D. P. & Sakurai, T., "Chromospheric magnetic field of solar active regions", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 37 2003naoj.book...37C [ADS](#)

- Sakurai, T. & Shin, J., "Interpolation of one- and two-dimensional images with pixelwise photon number conservation", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 36 2003naoj.book...36S ADS
- Sakurai, T., Noguchi, M., Shinoda, K., & Tanaka, N., "Flexible prism used as an image stabilizer", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 35 2003naoj.book...35S ADS
- Sakurai, T., Yanagisawa, K., Kobiki, T., Kasahara, S., & Nakakubo, K., "Sunspot magnetic fields observed with a large-format infrared array", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 34 2003naoj.book...34S ADS
- Hanaoka, Y., Noguchi, M., Ichimoto, K., & Sakurai, T., "High-speed H α camera for solar flare observations", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 19 2003naoj.book...19H ADS
- Sakurai, T., "Eleven-year solar cycle periodicity in sky brightness observed at Mt. Norikura", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 12 2003naoj.book...12S ADS
- Pevtsov, A. A., Hagyard, M. J., Blehm, Z., et al., "On a Cyclic Variation of the Hemispheric Helicity Rule.", 2003IAUJD...3E..35P ADS
- Kusano, K., Maeshiro, T., Miike, H., Yokoyama, T., & Sakurai, T., "Generation and Annihilation of Helicity in Active Regions", 2003IAUJD...3E..32K ADS
- Yokoyama, T., Kusano, K., Maeshiro, T., & Sakurai, T., "Relation between magnetic helicity injection and flare activities in active region NOAA 8100", 2003AdSpR..32.1949Y ADS
- Sakurai, T. & Hagino, M., "Magnetic helicity and flare activity", 2003AdSpR..32.1943S ADS
- Kusano, K., Yokoyama, T., Maeshiro, T., & Sakurai, T., "Annihilation of magnetic helicity: A new model for solar flare onset", 2003AdSpR..32.1931K ADS
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "Measurement of magnetic helicity flux into the solar corona", 2003AdSpR..32.1917K ADS
- Sakurai, T., Ichimoto, K., Raju, K. P., & Singh, J., "Spectroscopic Observation of Coronal Waves", 2002SoPh..209..265S ADS
- Singh, J., Sakurai, T., Ichimoto, K., & Takeda, A., "Spectroscopic Studies of the Solar Corona III. Density Diagnostics Using the Infrared Lines of Fe XIII", 2002PASJ...54..807S ADS
- Singh, J., Sakurai, T., Ichimoto, K., Suematsu, Y., & Takeda, A., "Spectroscopic Studies of the Solar Corona II. Properties of Green and Red Emission Lines in Open and Closed Coronal Structures", 2002PASJ...54..793S ADS
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "Measurement of Magnetic Helicity Injection and Free Energy Loading into the Solar Corona", 2002ApJ...577..501K ADS
- Bao, S. D., Sakurai, T., & Suematsu, Y., "The Sources of Magnetic Field Twist in Solar Active Regions", 2002ApJ...573..445B ADS
- Yamauchi, Y., Suess, S. T., & Sakurai, T., "Relation between Pressure Balance Structures and polar plumes from Ulysses high latitude observations", 2002GeoRL..29.1383Y ADS
- Sakurai, T., "Eleven-year solar cycle periodicity in sky brightness observed at Norikura, Japan", 2002EP&S...54..153S ADS
- Sakurai, T., Choudhary, D. P., & Venkatakrishnan, P., "Useful Aspects of Chromospheric Magnetic Field Data", 2002stma.conf...37S ADS
- Hanaoka, Y., Noguchi, M., Ichimoto, K., & Sakurai, T., "A High-Speed H α Camera for Solar Flare Observations", 2002mwoc.conf..427H ADS
- Shin, J. & Sakurai, T., "The Point Spread Function of the Yohkoh Soft X-Ray Telescope", 2002mwoc.conf..421S ADS
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "Helicity Injection into the Solar Corona", 2002mwoc.conf..151K ADS
- Hagino, M. & Sakurai, T., "Hemispheric Helicity Asymmetry in Active Regions for Solar Cycle 21-23", 2002mwoc.conf..147H ADS
- Sakurai, T., Ichimoto, K., Raju, K. P., & Singh, J., "Spectroscopic Observation of Coronal Oscillations", 2002mwoc.conf..25S ADS
- Sakurai, T., "JOSO national report 2000-2001 - Japan", in Joint Organization for Solar Observations, Annual Report 2000/2001, 78-80 2002joso.book...78S ADS
- Yokoyama, T., Kusano, K., Maeshiro, T., & Sakurai, T., "Relation between magnetic helicity injection and flare activities", 2002cosp...34E2324Y ADS
- Hanaoka, Y., Sakurai, T., Noguchi, M., & Ichimoto, K., "High-cadence H-alpha imaging of solar flares", 2002cosp...34E2277H ADS
- Kusano, K., Maeshiro, T., Yokoyama, T., & Sakurai, T., "Measurement of magnetic helicity flux into the solar corona", 2002cosp...34E2235K ADS
- Sakurai, T. & Hagino, M., "Magnetic helicity and flare activity", 2002cosp...34E2093S ADS
- Sakurai, T., Rusin, V., & Minarovjech, M., "Solar cycle variation of near-sun sky brightness observed with coronagraphs", 2002cosp...34E2075S ADS
- Kusano, K., Yokoyama, T., Maeshiro, T., & Sakurai, T., "Annihilation of magnetic helicity: a new model of solar flare onset mechanism", 2002cosp...34E1888K ADS
- Yang, H., Moen, J., Sato, N., et al., "Multiple arcs and Pc5 pulsations in the postnoon sector: an inter-hemispheric conjugate observation", 2002cosp...34E1019Y ADS
- Sakurai, T., Yokoyama, T., Kusano, K., & Maeshiro, T., "Magnetic Helicity Injection, Free Energy Loading, and Solar Flares", 2002aprm.conf..459S ADS
- Sakurai, T., Noguchi, M., Shinoda, K., et al., "A Flexible Prism used as an Image Stabilizer", 2002SoPh..205..201S ADS
- Sakurai, T. & Suematsu, Y., "Observational studies of the solar cycle at the National Astronomical Observatory of Japan", 2002AdSpR..29.1565S ADS
- Yamauchi, Y., Suess, S. T., & Sakurai, T., "Electron Heat Flux in Pressure Balance Structures Observed by Ulysses", 2001AGUFMSH32A0733Y ADS
- You, J., Li, H., Fan, Z., & Sakurai, T., "Multi-Wavelength Observation of the 3n/x3.3 Flare of 28 November 1998", 2001SoPh..203..107Y ADS
- Sakurai, T., Yanagisawa, K., Kobiki, T., Kasahara, S., & Nakakubo, K., "Sunspot Magnetic Fields Observed with a Large-Format Infrared Array", 2001PASJ...53..923S ADS
- Choudhary, D. P., Sakurai, T., & Venkatakrishnan, P., "Chromospheric Magnetic Field of Solar Active Regions", 2001ApJ...560..439C ADS
- Singh, J., Sakurai, T., & Ichimoto, K., "On the disappearance of H-alpha filaments and soft X-ray enhancements as seen from Yohkoh SXT", 2001BASI...29..193S ADS
- Sakurai, T., Tonegawa, Y., Shinkai, Y., et al., "Poynting vectors of Pc 5 pulsations observed by the GEOTAIL satellite in the dayside outer magnetosphere", 2001EP&S...53..843S ADS
- Wang, H., Yan, Y., & Sakurai, T., "Topology of Magnetic Field and Coronal Heating in Solar Active Regions", 2001SoPh..201..323W ADS
- Hanaoka, Y. & Sakurai, T., "Determination of the magnetic loop configuration of a solar flare", 2001EP&S...53..593H ADS
- Yamauchi, Y., Suess, S. T., & Sakurai, T., "Magnetic Field Structure of Pressure Balanced Structures from Ulysses High Latitudes Observations", 2001AGUSM..SH41B14Y ADS
- Sakurai, T. & Shin, J., "Interpolation of One- and Two-Dimensional Images with Pixelwise Photon Number Conservation", 2001PASJ...53..361S ADS
- Kundu, M. R., White, S. M., Shibasaki, K., Sakurai, T., & Grechnev, V. V., "Spatial Structure of Simple Spiky Bursts at Microwave/Millimeter Wavelengths", 2001ApJ...547.1090K ADS
- Tonegawa, Y., Sakurai, T., & Sato, N., "Propagation and Resonance Characteristics of Pc 5 Waves Revealed in Coordinated Space and Ground Observations (invited)", 2001aprs.conf..221T ADS
- Raju, K. P., Sakurai, T., & Ichimoto, K., "A Spectroscopic Study of the Solar Corona from Norikura and SOHO data", 2001IAUS..203..488R ADS
- Wang, H., Yan, Y., & Sakurai, T., "Magnetic Field Reconstruction in a Solar Active Region", 2001IAUS..203..328W ADS
- UeNo, S., Kitai, R., Ichimoto, K., et al., "Preliminary study of the evolution of solar magnetic structures and photospheric horizontal velocity fields", 2001AdSpR..26.1793U ADS
- Sakurai, T., "Stokes Profile Inversion without Resort to Specific Atmospheric Models", 2001ASP...236..535S ADS
- Wang, H., Yan, Y., Sakurai, T., & Zhang, M., "Topology of Magnetic Field and Coronal Heating in Solar Active Regions - II. The Role of Quasi-Separatrix Layers", 2000SoPh..197..263W ADS
- Kundu, M. R., White, S. M., Shibasaki, K., & Sakurai, T., "Nonthermal Flare Emission from MeV-Energy Electrons at 17, 34, and 86 GHz", 2000ApJ...545.1084K ADS
- Raju, K. P., Sakurai, T., Ichimoto, K., & Singh, J., "The Physical Conditions in a Polar Coronal Hole and Nearby Regions from Norikura and SOHO Observations", 2000ApJ...543.1044R ADS
- Kusano, K., Maeshiro, T., Yokoyama, T., Sakurai, T., & Kageyama, A., "Three Dimensional Numerical Study of Solar Coronal Magnetic Field Based on the Magnetograph Observations", 2000APS..DPPYP1021K ADS
- Sakurai, T., "Comments on I. Okamoto's Article 'Ending of One Paradigm for Astrophysical Jets'", 2000AstHe..93..447S ADS
- Yan, Y. & Sakurai, T., "New Boundary Integral Equation Representation for Finite Energy Force-Free Magnetic Fields in Open Space above the Sun", 2000SoPh..195..89Y ADS
- Li, H., Sakurai, T., Ichimoto, K., & UeNo, S., "Magnetic Field Evolution Leading to Solar Flares II. Cases with High Magnetic Shear and Flare-Related Shear Change", 2000PASJ...52..483L ADS
- Li, H., Sakurai, T., Ichimoto, K., & UeNo, S., "Magnetic Field Evolution Leading to Solar Flares I. Cases with Low Magnetic Shear and Flux Emergence", 2000PASJ...52..465L ADS
- Sakurai, T., "Cyclical Variation of the Quiet Corona and Coronal Holes", 2000JApA...21..389S ADS
- Kundu, M. R., White, S. M., Shibasaki, K., & Sakurai, T., "Microwave/Millimeter Wavelength Bursts with Simple Spiky Time Profiles", 2000SPD....31.0242K ADS

- Tang, Y. H., Li, Y. N., Fang, C., et al., “*H α and Soft X-Ray Brightening Events Caused by Emerging Flux*”, 2000ApJ...534..482T [ADS](#)
- Zhang, H. Q., Sakurai, T., Shibata, K., Shimojo, M., & Kurokawa, H., “*Soft X-ray flares and magnetic configuration in a solar active region in February 1992*”, 2000A&A...357..725Z [ADS](#)
- Singh, J., Sakurai, T., Ichimoto, K., & Hiei, E., “*On the formation of a helmet streamer on January 24, 1992 at the south-west limb*”, 2000BASI...28..33S [ADS](#)
- Tang, Y. H., Li, Y. N., Schmieder, B., et al., “*Brightening Event in H α and Soft X-Ray on May 18, 1994*”, 2000AdSpR..25.1829T [ADS](#)
- Nishio, M., Kosugi, T., Yaji, K., Nakajima, H., & Sakurai, T., “*Magnetic Field Configuration in Impulsive Solar Flares Revealed with Yohkoh and Nobeyama Radioheliograph*”, 2000AdSpR..25.1791N [ADS](#)
- Wang, H., Sakurai, T., & Yan, Y., “*Enhanced Coronal Heating and 3d Solar Magnetic Fields in AR 7321*”, 2000AdSpR..25.1769W [ADS](#)
- Shin, J., & Sakurai, T., “*Restoration and Interpretation of Images from the Yohkoh Soft X-Ray Telescope*”, 2000AdSpR..25.1765S [ADS](#)
- Sakurai, T., & Shin, J., “*Determination of the Point Spread Function of the Yohkoh Soft X-Ray Telescope*”, 2000AdSpR..25.1761S [ADS](#)
- Kundu, M. R., White, S. M., Shibasaki, K., & Sakurai, T., “*Nonthermal Flare Emission from MeV-Energy Electrons at 17, 34, and 86, GHz*”, 2000ASPC..206..307K [ADS](#)
- Sakurai, T., & Wang, H., “*Magnetic Separatrix and Coronal Loop Heating in an Active Region*”, 1999spro.proc...77S [ADS](#)
- Sakurai, T., Togawa, Y., Kitagawa, T., et al., “*Dayside magnetopause Pc 3 and Pc 5 ULF waves observed by the GEOTAIL Satellite*”, 1999EP&S..51..965S [ADS](#)
- Baba, N., Miura, N., Sakurai, T., et al., “*Shift-and-add reconstruction of solar granulation images*”, 1999SoPh..188..41B [ADS](#)
- Miura, N., Baba, N., Sakurai, T., et al., “*Resolution Improvement of Solar Images*”, 1999SoPh..187..347M [ADS](#)
- Baba, N., Miura, N., & Sakurai, T., “*Application of shift-and-add method to reconstruction of solar granulation*”, 1999SPIE.3749..168B [ADS](#)
- Miura, N., Baba, N., & Sakurai, T., “*Superresolution applied to solar granulation images*”, 1999SPIE.3749..116M [ADS](#)
- Ichimoto, K., Noguchi, M., Tanaka, N., et al., “*A New Imaging System of the Corona at Norikura*”, 1999PASJ...51..383I [ADS](#)
- Singh, J., Ichimoto, K., Imai, H., Sakurai, T., & Takeda, A., “*Spectroscopic Studies of the Solar Corona I. Spatial Variations in Line Parameters of Green and Red Coronal Lines*”, 1999PASJ...51..269S [ADS](#)
- Tang, Y. H., Mouradian, Z., Schmieder, B., Fang, C., & Sakurai, T., “*Analysis Of The Disappearing Filament And Flare Of 7 May 1992*”, 1999SoPh..185..143T [ADS](#)
- Imai, H., & Sakurai, T., “*On the relation between incident and emergent light beams of optical fibers. II. Single-mode fibers.*”, 1999RRAOJ...4..101I [ADS](#)
- Sakurai, T., Irie, M., Imai, H., Miyazaki, H., & Sykora, J., “*Emission line intensities of the solar corona and sky brightness observed at Norikura: 1950 - 1997*”, 1999PNAOJ...5..121S [ADS](#)
- Sakurai, T., Togawa, Y., Kitagawa, T., et al., “*Double-frequency oscillations of low energy plasma associated with transverse Pc 5 pulsations: GEOTAIL satellite observations*”, 1999EP&S..51..43S [ADS](#)
- Chae, J., Yun, H. S., Sakurai, T., & Ichimoto, K., “*Stray-light correction in magnetograph observations using the maximum entropy method*”, 1998SoPh..183..245C [ADS](#)
- Chae, J., Yun, H. S., Sakurai, T., & Ichimoto, K., “*Stray-Light Effect on Magnetograph Observations*”, 1998SoPh..183..229C [ADS](#)
- Wang, H., Sakurai, T., & Yan, Y., “*Solar atmospheric heating and topology of solar magnetic field*”, 1998ArBeS...4..54W [ADS](#)
- Fang, C., Tang, Y. H., Hénoux, J. C., et al., “*Multi-Wavelength Analysis of the Flare on 2 October 1993*”, 1998SoPh..182..163F [ADS](#)
- Wang, H., & Sakurai, T., “*Cross-Section Variations of Coronal Magnetic Loops*”, 1998PASJ...50..111W [ADS](#)
- Tang, Y. H., & Sakurai, T., “*The Activation Characteristics of a Disappearing Filament*”, 1998asct.conf...49T [ADS](#)
- Sakurai, T., & Yan, Y., “*Coronal Loops and Magnetic Field Modeling - a New Boundary Integral Representation for Force-free Magnetic Fields (invited)*”, 1998asct.conf....1S [ADS](#)
- Sakurai, T., “*Summary of Session A: Coronal Heating and Solar Wind Acceleration*”, 1998HiA....11..869S [ADS](#)
- Zhang, H. Q., Sakurai, T., Shibata, K., et al., “*Magnetic Reconnection in the Active Region Inferred by Homologous Soft X-ray Flares in February 1992*”, 1998ASSL..229..391Z [ADS](#)
- Shin, J., Sakurai, T., & Miura, N., “*Deconvolution of YOHKOH Soft X-Ray Images*”, 1998ASSL..229..361S [ADS](#)
- Setiadi, B., Anwar, B., Akioka, M., & Sakurai, T., “*Non-Linear Evolution of Erupting Coronal Magnetic Fields*”, 1998ASSL..229..353S [ADS](#)
- Sakurai, T., “*Maximum Energy of Force-Free Magnetic Fields*”, 1998ASSL..229..345S [ADS](#)
- Nishio, M., Yaji, K., Kosugi, T., Nakajima, H., & Sakurai, T., “*Loop-Loop Interaction in Impulsive Solar Flares Inferred from Microwave and X-Ray Images*”, 1998ASSL..229..207N [ADS](#)
- Sakurai, T., “*Gradual Opening of Solar/Stellar Magnetic Fields Driven by Surface Shear Flows*”, 1998ASPC..154..1154S [ADS](#)
- Sakurai, T., “*Long-Term Monitoring Studies of the Sun at the National Astronomical Observatory of Japan*”, 1998ASPC..140..483S [ADS](#)
- Fang, C., Tang, Y. H., Ding, M. D., et al., “*Coronal Loops Above a Sunspot Region*”, 1997SoPh..176..267F [ADS](#)
- Venkatakrishnan, P., Sakurai, T., Suematsu, Y., & Ichimoto, K., “*On the correlation between line width and line depth of the solar He I 1083 NM line*”, 1997BASI...25..527V [ADS](#)
- Nishio, M., Yaji, K., Kosugi, T., Nakajima, H., & Sakurai, T., “*Magnetic Field Configuration in Impulsive Solar Flares Inferred from Coaligned Microwave/X-Ray Images*”, 1997ApJ...489..976N [ADS](#)
- Yan, Y., & Sakurai, T., “*Analysis of it YOHKOH SXT Coronal Loops and Calculated Force-Free Magnetic Field Lines from Vector Magnetograms*”, 1997SoPh..174..65Y [ADS](#)
- Grall, R. R., Coles, W. A., Spangler, S. R., Sakurai, T., & Harmon, J. K., “*Observations of field-aligned density microstructure near the Sun*”, 1997JGR..102..263G [ADS](#)
- Setiadi, B., Anwar, B., Akioka, M., & Sakurai, T., “*2-D MHD Simulation on Helmet Streamer Formation*”, 1997IAUJD..19E..43S [ADS](#)
- Sakurai, T., Yan, Y., & Wang, H. N., “*Coronal Loops and Magnetic Field Structure in the Sun*”, 1997IAUJD..19E..40S [ADS](#)
- Brajsa, R., Ruzdjak, V., Vrsnak, B., et al., “*Soft X-ray, Microwave and He I Measurements of Coronal Holes*”, 1997IAUJD..19E..15B [ADS](#)
- Ichimoto, K., Kumagai, K., Sano, I., et al., “*Measurement of the coronal electron temperature at the total solar eclipse on 1994 November 3*”, 1997ASIC..494..31I [ADS](#)
- Wang, J. X., Ai, G. X., Sakurai, T., & Hirayama, T., “*Book Review: Proceedings of the third China-Japan seminar on solar physics / International Academic Publishers, Beijing, 1995*”, 1996SoPh..169..225W [ADS](#)
- Spangler, S. R., Sakurai, T., Coles, W. A., Grall, R. R., & Harmon, J. K., “*Radio interferometer observations of turbulence in the inner solar wind*”, 1996AIPC..382..265S [ADS](#)
- Coles, W. A., Grall, R. R., Spangler, S. R., Sakurai, T., & Harmon, J. K., “*Anisotropic microstructure near the sun*”, 1996AIPC..382..264C [ADS](#)
- Ichimoto, K., Kumagai, K., Sano, I., et al., “*Measurement of the Coronal Electron Temperature at the Total Solar Eclipse on 1994 November 3*”, 1996PASJ...48..545I [ADS](#)
- Sakurai, T., & Hiei, E., “*New observational facts about solar flares from ground-based observations*”, 1996AdSpR..17d..91S [ADS](#)
- Venkatakrishnan, P., Sakurai, T., Suematsu, Y., & Ichimoto, K., “*Enhanced He I Absorption at the Feet of Solar X-Ray Loops*”, 1996PASJ...48L..1V [ADS](#)
- Ding, M. D., Watanabe, T., Shibata, K., et al., “*Chromospheric Evaporation in Four Solar Flares Observed by YOHKOH*”, 1996ApJ...458..391D [ADS](#)
- Sakurai, T., & Chae, J. C., “*Maximum Energy of Force-Free Magnetic Fields*”, 1996mpsa.conf..579S [ADS](#)
- Okubo, A., Matsumoto, R., Miyaji, S., et al., “*X-ray and Magnetic Features of H alpha Surges*”, 1996mpsa.conf..4370 [ADS](#)
- Ichimoto, K., Kumagai, K., Sano, I., et al., “*Measurement of the Coronal Electron Temperature at the Total Solar Eclipse on 3rd Nov. 1994*”, 1996mpsa.conf..413I [ADS](#)
- Sakurai, T., “*Heating Mechanisms of the Solar Corona*”, 1996mpsa.conf...21S [ADS](#)
- Sakurai, T., “*Solar Optical Instruments at the National Astronomical Observatory of Japan*”, 1996gbaa.conf..418S [ADS](#)
- Brajša, R., Pohjolainen, S., Ruždjak, V., et al., “*Helium 10830 Å measurements of the Sun*”, 1996SoPh..163..79B [ADS](#)
- Sakurai, T., “*Comparative study of the accuracy of various sun-tracking schemes*”, 1995RAOJ...2..669S [ADS](#)
- Kundu, M. R., Nitta, N., White, S. M., et al., “*Microwave and Hard X-Ray Observations of Footpoint Emission from Solar Flares*”, 1995ApJ...454..522K [ADS](#)
- Spangler, S. R., Sakurai, T., Coles, W. A., Grall, R. R., & Harmon, J. K., “*Radio interferometer measurements of turbulence in the inner solar wind*”, 1995sowi.conf...40S [ADS](#)
- Coles, W. A., Grall, R. R., Spangler, S. R., Sakurai, T., & Harmon, J. K., “*Anisotropic microturbulence near the Sun*”, 1995sowi.conf..40C [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](#)
- Sakurai, T., “*The Solar-B Mission*”, 1995SPD....26..601S [ADS](#)
- Sakurai, T., Ichimoto, K., Nishino, Y., et al., “*Solar Flare Telescope at Mitaka*”, 1995PASJ...47..81S [ADS](#)

- Ichimoto, K., Kumagai, K., Sano, Y., et al., "Measurement of the Coronal Electron Temperature at the Total Solar Eclipse on November 3, 1994", 1995pist.conf..72I [ADS](#)
- Suematsu, Y., Ichimoto, K., & Sakurai, T., "He I $\lambda 1083\text{nm}$ Observations and Chromospheric and Coronal Activities", 1995itsa.conf..413S [ADS](#)
- Sakurai, T., Kitayama, O., & Ma, J., "Analytical model of the phase mixing phenomena by the use of the wkb method of solution", 1995GApFD..79..277S [ADS](#)
- Sakurai, T., "The Sun's magnetic activity.", 1995AstHe..88..61S [ADS](#)
- Leka, K. D., Canfield, R. C., Mickey, D. L., et al., "The Magnetic Evolution of the Activity Complex AR:7260 - a Roadmap", 1994SoPh..155..301L [ADS](#)
- Sakurai, T., Suematsu, Y., Ichimoto, K., et al., "Peculiar magnetic field evolution of active region NOAA 7562 in August 1993 - results from campaign observation with Yohkoh", 1994ESASP..373..337S [ADS](#)
- Harvey, J., Slater, G., Nitta, N., et al., "Comparison of Synoptic Maps of Solar Soft X-Ray Features, Photospheric Magnetic Fields, and Helium 1083 NM", 1994AAS..18512308H [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](#)
- Rust, D. M., Sakurai, T., Gaizauskas, V., et al., "Preflare State", 1994SoPh..153..1R [ADS](#)
- Nitta, N., Driel-Gesztelyi, L. V., Leka, K. D., et al., "Flares in Active Region NOAA 7260 - Role of Emerging Flux", 1994kofu.symp..385N [ADS](#)
- Sakurai, T., "A Potential Field Model for Open Field Lines in the Active Region Corona", 1994kofu.symp..363S [ADS](#)
- Ichimoto, K., Kumagai, K., Sakurai, T., et al., "Spectroscopic Observations of Coronal Emission Lines and their Relation to Soft X-ray Images", 1994kofu.symp..113T [ADS](#)
- de La Beaujardiere, J. F., Canfield, R. C., Metcalf, T. R., et al., "Electron precipitation and mass motion in the 1991 June 9 white-light flare", 1994SoPh..151..389D [ADS](#)
- Takano, T., Enome, S., Nakajima, H., et al., "Behavior of Accelerated Electrons in a Small Impulsive Solar Flare on 1992 August 12", 1994PASJ..46L..21T [ADS](#)
- Ichimoto, K., Sakurai, T., Nishino, Y., et al., "Optical and SXT Observations of the x9 Flare of Nov. 1992", 1994xspy.conf..259I [ADS](#)
- Sakurai, T., "The Achievements of YOHKOH and the Next Solar Mission", 1994xspy.conf..231S [ADS](#)
- Uchida, Y., McAllister, A., Khan, J., Sakurai, T., & Jockers, K., "Quadrupole Magnetic Field in Arcade-Type Flares-A Model of "dark Filament in Neutral Sheet" and "interchange Collapse-Reconnection Model for Arcade-Type -", 1994xspy.conf..161U [ADS](#)
- Nitta, N., van Driel-Gesztelyi, L., Leka, K. D., et al., "Flares in Active Region NOAA 7260", 1994xspy.conf..111N [ADS](#)
- Takakura, T., Inda, M., Makishima, K., et al., "Time Variation of Hard X-Ray Image in the Early Phase of Solar Impulsive Bursts", 1994xspy.conf..71T [ADS](#)
- Sakurai, T., Shibata, K., Ichimoto, K., & Takata, M., "X-Ray Activity in Coronal Loops and its Photospheric/chromospheric Signatures", 1994xspy.conf..37S [ADS](#)
- Sakurai, T., "Coronal activities and photospheric magnetic field changes", 1994smf..conf..387S [ADS](#)
- Sakurai, T., "Integrated Force-Balance Equations for the Magnetic Field in Spherical Geometry", 1994ASPC..68..307S [ADS](#)
- Miyazaki, H., Sakurai, T., Okamoto, T., et al., "Construction of magneto-optical filters and their application to solar observations.", 1993RNAOJ..2..417M [ADS](#)
- Irie, M., Obara, S., Wakabayashi, A., et al., "Solar faculae observed at Mitaka during the period 1951 - 1991.", 1993RNAOJ..2..403I [ADS](#)
- Takakura, T., Inda, M., Makishima, K., et al., "Time Variation of the Hard X-Ray Image during the Early Phase of Solar Impulsive Bursts", 1993PASJ..45..737T [ADS](#)
- Sakurai, T., "Magnetic field structures and flares", 1993AdSpR..13i.109S [ADS](#)
- Ito, H., Sakurai, T., Matsuo, T., Ichihara, T., & Katakuse, I., "Detection of electronic-shell structure in divalent-metal clusters (Hg_n)", 1993PhRvB..48.4741I [ADS](#)
- Nitta, N., Driel-Gesztelyi, L. V., Leka, K. D., et al., "Flares in Active Region NOAA 7260 - Role of Emerging Flux and Reconnection", 1993BAAS..25.1223N [ADS](#)
- Ichimoto, K., Sakurai, T., Hiei, E., et al., "Solar Flare Telescope project.", 1993RNAOJ..1..375I [ADS](#)
- Washimi, H. & Sakurai, T., "A Simulation Study of the Solar Wind Including the Solar Rotation Effect", 1993SoPh..143..173W [ADS](#)
- Shibata, K., Ishido, Y., Acton, L., et al., "Observations of X-ray Jets Using YOHKOH Soft X-Ray Telescope", 1993ASPC..46..343S [ADS](#)
- Makita, M., Sakurai, T., Shibasaki, K., & Koyano, H., "Ten Years of the Okayama Vector Magnetograph", 1993ASPC..46..180M [ADS](#)
- Ichimoto, K., Sakurai, T., Nishino, Y., et al., "Magnetic Field Observation with the Solar Flare Telescope", 1993ASPC..46..166I [ADS](#)
- Sakurai, T., "Computational Modeling of Solar Magnetic Fields (Invited)", 1993ASPC..46..91S [ADS](#)
- Nitta, N., Harvey, K., Hudson, H., et al., "Correlation between X-ray Temporal Variability and Magnetic Environment in Solar Flares", 1992AAS..181.5503N [ADS](#)
- Shibata, K., Ishido, Y., Acton, L. W., et al., "Observations of X-Ray Jets with the YOHKOH Soft X-Ray Telescope", 1992PASJ..44L.173S [ADS](#)
- Sakurai, T., Shibata, K., Ichimoto, K., Tsuneta, S., & Acton, L. W., "Flare-Related Relaxation of Magnetic Shear as Observed with the Soft X-Ray Telescope of YOHKOH and with Vector Magnetographs", 1992PASJ..44L.123S [ADS](#)
- Priest, E. R. & Sakurai, T., "Book-Review - Dynamics and Structure of Quiescent Solar Prominences", 1992SSRv..61..430P [ADS](#)
- de La Beaujardiere, J. F., Canfield, R. C., Metcalf, T. R., et al., "The X10 Flare of 1991 June 9: White Light, H-alpha, Magnetic Fields, and Electric Currents", 1992AAS..180.4108D [ADS](#)
- Goossens, M., Hollweg, J. V., & Sakurai, T., "Resonant Behaviour of Magnetohydrodynamic Waves on Magnetic Flux Tubes - Part Three", 1992SoPh..138..233G [ADS](#)
- Sakurai, T., Ichimoto, K., Hiei, E., et al., "White-Light Flares of 1991 June in the NOAA Region 6659", 1992PASJ..44L..7S [ADS](#)
- Zhang, H., Ai, G., Sakurai, T., & Kurokawa, H., "Fine Structures of Chromospheric Magnetic Field and Material Flow in a Solar Active Region", 1991SoPh..136..269Z [ADS](#)
- Hiei, E. & Sakurai, T., "Obituary", 1991SoPh..136..4H [ADS](#)
- Hiei, E. & Sakurai, T., "Katsuo Tanaka (1943 - 1990).", 1991SoPh..136..H [ADS](#)
- Sakurai, T., "Observations from the Hinotori Mission", 1991RSPTA..336..339S [ADS](#)
- Sakurai, T., Goossens, M., & Hollweg, J. V., "Resonant Behaviour of Magnetohydrodynamic Waves on Magnetic Flux Tubes II. Absorption of Sound Waves by Sunspots", 1991SoPh..133..247S [ADS](#)
- Sakurai, T., Goossens, M., & Hollweg, J. V., "Resonant Behaviour of Magnetohydrodynamic Waves on Magnetic Flux Tubes - Part One", 1991SoPh..133..227S [ADS](#)
- Kambry, M. A., Nishikawa, J., Sakurai, T., Ichimoto, K., & Hiei, E., "Solar Meridional Motions Derived from Sunspot Observations", 1991SoPh..132..41K [ADS](#)
- Sakurai, T., Spangler, S. R., Mutel, R. L., & Armstrong, J., "VLBI Angular Broadening Studies of Plasma Turbulence in The Solar Wind", 1991BAAS..23..939S [ADS](#)
- Semel, M., Mouradian, Z., Soru-Escaut, I., et al., "Active regions, sunspots and their magnetic fields.", in Solar Interior and Atmosphere, 844-889 1991sia..book..844S [ADS](#)
- Sakurai, T., "Observations from the Hinotori mission.", 1991psf..conf..339S [ADS](#)
- Irie, M., Yamaguchi, K., & Sakurai, T., "Large sunspot group of March 1989 (NOAA 5395).", 1991RNAOJ..1..193I [ADS](#)
- Ichimoto, K., Sakurai, T., Yamaguchi, A., et al., "Solar Flare Telescope and 10-cm New Coronagraph", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), Flare Physics in Solar Activity Maximum 22, Vol. 387, 320 1991LNP..387..320I [ADS](#)
- Sakurai, T., "Magnetic Structures in the Corona", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), Flare Physics in Solar Activity Maximum 22, Vol. 387, 245 1991LNP..387..245S [ADS](#)
- Zirin, H. & Sakurai, T., "In Memoriam - Katsuo Tanaka", in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), Flare Physics in Solar Activity Maximum 22, Vol. 387, 5 1991LNP..387..5Z [ADS](#)
- Sakurai, T., "New perspectives in flare models and theories", 1991AdSpR..11e..17S [ADS](#)
- Sakurai, T., "Helioseismology observations by Solar-A satellite", 1991AdSpR..11d..89S [ADS](#)
- Sakurai, T., "Coronal observations with Solar-A satellite", 1991AdSpR..11a.349S [ADS](#)
- Yumoto, K., Takahashi, K., Sakurai, T., et al., "Multiple ground-based and satellite observations of global Pi 2 magnetic pulsations", 1990JGR..9515175Y [ADS](#)
- Sakurai, T., "Magnetohydrodynamic solar/stellar wind models.", 1990CoPhR..12..247S [ADS](#)
- Hamana, S., Kumagai, K., Ichimoto, K., Sakurai, T., & Hiei, E., "CCD data acquisition system installed on the spectrograph at the Norikura Solar Observatory.", 1990RNAOJ..1..13H [ADS](#)
- Wu, S. T., Sun, M. T., & Sakurai, T., "A comparison between progressive extension method (PEM) and iterative method (IM) for magnetic field extrapolations in the solar atmosphere", 1990MmSAT..61..477W [ADS](#)

- Sakurai, T., Tanaka, K., Miyazaki, H., et al., “*Construction of Long-Life Magneto-optical Filters for Helioseismology Observations*”, in Y. Osaki and H. Shibahashi (Eds.), *Progress of Seismology of the Sun and Stars*, Vol. 367, 277 1990LNP...367..277S [ADS](#)
- Sakurai, T., “*Helioseismology Observations by Solar-A Satellite*”, in Y. Osaki and H. Shibahashi (Eds.), *Progress of Seismology of the Sun and Stars*, Vol. 367, 253 1990LNP...367..253S [ADS](#)
- Ichimoto, K., Hamana, S., Kumagai, K., Sakurai, T., & Hiei, E., “*Phase Relation between Velocities and Temperature Fluctuations of the Solar 5-Minute Oscillation*”, in Y. Osaki and H. Shibahashi (Eds.), *Progress of Seismology of the Sun and Stars*, Vol. 367, 205 1990LNP...367..205I [ADS](#)
- Sakurai, T., “*Computational Modeling of Magnetic Fields in Solar Active Regions*”, 1989SSRv...51..11S [ADS](#)
- Sakurai, T., “*Magnetic Equilibria and Instabilities*”, 1989SoPh..121..347S [ADS](#)
- Harrison, R. A., Bentley, R. D., Brosius, J., et al., “*Largescale Magnetic Field Phenomena*”, 1989tnti.conf....1H [ADS](#)
- Sakurai, T. & Hiei, E., “*Structure of the Solar Corona*”, 1989HiA....8..513S [ADS](#)
- Takahashi, K., Kokubun, S., Sakurai, T., et al., “*AMPTE/CCE observations of substorm-associated standing Alfvén waves in the midnight sector*”, 1988GeoRL..15.1287T [ADS](#)
- Sakurai, T. & Spangler, S. R., “*Physical Characteristics of Lobes of Luminous Radio Galaxies*”, 1988BAAS...20..734S [ADS](#)
- Okada, A., Ito, T., Kobayashi, K., & Sakurai, T., “*Crystal structure of perryite.*”, 1987anme...12..760 [ADS](#)
- Sakurai, T., “*A study of magnetic energy build-up based on vector magnetograms*”, 1987SoPh..113..137S [ADS](#)
- Sakurai, T., “*Magnetically collimated winds from accretion disks*”, 1987PASJ...39..821S [ADS](#)
- Makita, M., Hamana, S., Sakurai, T., & Shimizu, M., “*Measurement of the magnetic vector on the sun at the Okayama Astrophysical Observatory.*”, 1987LIACo..27..185M [ADS](#)
- Sakurai, T., “*Collimation of Stellar Winds by the Magnetic Field*”, 1987IAUS..115..383S [ADS](#)
- Browning, P. K., Sakurai, T., & Priest, E. R., “*Coronal heating in closely-packed flux tubes: a Taylor-Heyvaerts relaxation theory*”, 1986A&A...158..217B [ADS](#)
- Sakurai, T. & Spangler, S. R., “*VLA Observations of the Radio Galaxies 3C109, 3C223.1, and 3C379.1*”, 1986BAAS...180.689S [ADS](#)
- Sakurai, T. & Makita, M., “*Observation of Magnetic Field Vector in Solar Active Regions*”, 1986hmmps.conf...53S [ADS](#)
- Sakurai, T., “*Heating Mechanisms of the Solar Corona*”, 1986hmmps.conf...17S [ADS](#)
- Makita, M., Hamana, S., Nishi, K., et al., “*Solar Vector Magnetograms of the Okayama Astrophysical Observatory*”, 1986Ap&SS.118..163M [ADS](#)
- Sakurai, T., “*Magnetic stellar winds: a 2-D generalization of the Weber-Davis model.*”, 1985A&A...152..121S [ADS](#)
- Spangler, S. R. & Sakurai, T., “*Limits on thermal plasma in the lobes of the radio galaxies 3C 79 and 3C 379.1*”, 1985ApJ...297..84S [ADS](#)
- Sakurai, T., Makita, M., & Shibasaki, K., “*Observation of Magnetic Field Vector in Solar Active Regions*”, 1985tphr.conf..313S [ADS](#)
- Sakurai, T., “*Phase Mixing of Alfvén Waves*”, 1985tphr.conf..263S [ADS](#)
- Makita, M., Nishi, K., Shimizu, M., et al., “*Comparisons of simultaneous vector magnetograms*”, 1985svmf.nasa..399M [ADS](#)
- Bertot, R. & Sakurai, T., “*Stereoscopic determination of the three-dimensional geometry of coronal magnetic loops*”, 1985SoPh...96..93B [ADS](#)
- Sakurai, T., “*Magnetic Field Structures of Hard X-Ray Flares Observed by HINOTORI Spacecraft*”, 1985SoPh...95..311S [ADS](#)
- Hiroyama, T., Tanaka, K., Watanabe, T., et al., “*Rocket Observation of the Extreme Ultraviolet Images of a Solar Flare and Active Regions*”, 1985SoPh...95..281H [ADS](#)
- Sakurai, T., “*Magnetic Field Structures of Hard X-Ray Flares Observed by Hinotori*”, 1985spit.conf..819S [ADS](#)
- Makita, M., Hamana, S., Nishi, K., et al., “*Observations by the solar vector magnetograph of the Okayama Astrophysical Observatory.*”, 1985PASJ...37..561M [ADS](#)
- Sakurai, T., Makita, M., & Shibasaki, K., “*Observation of magnetic field vector in solar active regions.*”, 1985MPARp.212..312S [ADS](#)
- Sakurai, T., “*Phase mixing of Alfvén waves.*”, 1985MPARp.212..263S [ADS](#)
- Browning, P. K., Sakurai, T., & Priest, E. R., “*Coronal heating in closely packed flux tubes: a Taylor-Heyvaerts relaxation theory*”, 1985MPARp.181.....B [ADS](#)
- Sakurai, T., “*Magnetic stellar winds. A 2-D generalization of Weber-Davis model.*”, 1985MPARp.174.....S [ADS](#)
- Uchida, Y. & Sakurai, T., “*Magnetodynamical processes in interacting magnetospheres of RS CVn binaries*”, 1985IAUS..107..281U [ADS](#)
- Tonegawa, Y., Fukunishi, H., Hirasawa, T., et al., “*Spectral characteristics of $Pc\ 3$ and $Pc\ 4/5$ magnetic pulsation bands observed near $L=6$* ”, 1984JGR....89.9720T [ADS](#)
- Sakurai, T., “*Magnetic field structures of hard X-ray flares observed by HINOTORI spacecraft*”, 1984ESASP.220..283S [ADS](#)
- Takakura, T., Ohki, K., Sakurai, T., et al., “*Hard X-ray imaging of a solar gradual hard X-ray burst on April 1, 1981*”, 1984SoPh...94..359T [ADS](#)
- Sakurai, T. & Granik, A., “*Generation of coronal electric currents due to convective motions on the photosphere. II - Resonance and phase mixing of Alfvén waves*”, 1984ApJ...277..404S [ADS](#)
- Sakurai, T. & McPherron, R. L., “*Satellite observations of $Pi\ 2$ activity at synchronous orbit*”, 1983JGR....88.7015S [ADS](#)
- Shibata, K., Uchida, Y., & Sakurai, T., “*Dynamical interpretation of the very hot region appearing at the top of the loop*”, 1983SoPh...86..345S [ADS](#)
- Sakurai, T., “*Computed Magnetic Field Structure of the Flares Observed by HINOTORI Hard X-Ray Telescope*”, 1983SoPh...86..339S [ADS](#)
- Sakurai, T., “*Analytical method of characteristics applied to the azimuthally dependent solar wind*”, 1983MNRAS.203.1187S [ADS](#)
- Yumoto, K., Saito, T., & Sakurai, T., “*Local time asymmetry in the characteristics of $Pc5$ magnetic pulsations*”, 1983P&SS...31..459Y [ADS](#)
- Sakurai, T., “*Formation of a counter current region near a gravitating sphere in a steady Stokes flow of a viscous ideal gas*”, 1983GApFD..24..225S [ADS](#)
- Uchida, Y. & Sakurai, T., “*Interacting magnetospheres in RS CVn binaries - Coronal heating and flares*”, 1983ASSL..102..629U [ADS](#)
- Sakurai, T., “*Green's Function Methods for Potential Magnetic Fields*”, 1982SoPh...76..301S [ADS](#)
- Uchida, Y. & Sakurai, T., “*RS CVn binaries - interaction of magnetospheres.*”, 1982mpcb.conf....77U [ADS](#)
- Sakurai, T., “*Solar corona: the magnetosphere of the sun.*”, 1982mpcb.conf...43S [ADS](#)
- Sakurai, T. & Levine, R. H., “*Generation of coronal electric currents due to convective motions on the photosphere*”, 1981ApJ...248..817S [ADS](#)
- Pallavicini, R., Sakurai, T., & Vaiana, G. S., “*X-ray, EUV, and centimetric observations of solar active regions - an empirical model for bright radio sources*”, 1981A&A...98..316P [ADS](#)
- Sakurai, T., “*Calculation of force-free magnetic field with non-constant α'* ”, 1981SoPh...69..343S [ADS](#)
- Sakurai, T. & Levine, R. H., “*Generation of Coronal Electric Currents due to Convective Motions on the Photosphere*”, 1980BAAS...12..909S [ADS](#)
- Pallavicini, R., Sakurai, T., & Vaiana, G. S., “*Magnetic Field Extrapolations, XUV Observations and the Nature of Microwave Emission from Sunspots*”, 1980BAAS...12..896P [ADS](#)
- Sakurai, T., “*Energy storage and instability in magnetic flux tubes*”, 1980IAUS..91..291S [ADS](#)
- Saito, T., Takahashi, K., & Sakurai, T., “*Examination of the resonance theory on Pcs by means of an analysis of magnetic fluctuations in the magnetosheath and the magnetosphere*”, 1979P&SS...27..809S [ADS](#)
- Sakurai, T., “*A New Approach to the Force-Free Field and Its Application to the Magnetic Field of Solar Active Regions*”, 1979PASJ...31..209S [ADS](#)
- Saito, T. & Sakurai, T., “*Solar terrestrial activity chart, hisograms for 1969 and 1970 - Dynamic spectrograms of ULF waves observed at Onagawa*”, 1978STERJ...2..128S [ADS](#)
- Saito, T., Sakurai, T., & Yumoto, K., “*The earth's palaeomagnetosphere as the third type of planetary magnetosphere*”, 1978P&SS...26..413S [ADS](#)
- Sakurai, T. & Uchida, Y., “*Magnetic field and current sheets in the corona above active regions.*”, 1977SoPh...52..397S [ADS](#)
- Uchida, Y. & Sakurai, T., “*Heating and reconnection of the emerging magnetic flux-tubes and the role of the interchange instability.*”, 1977SoPh...51..413U [ADS](#)
- Sakurai, T., “*Generation of a Deeply Penetrating Gravity-Like Oscillation by a Non-Resonant Second-Order Interaction of Waves*”, 1977PASJ...29..543S [ADS](#)
- Nishimura, J., Fujii, M., Tawara, T., et al., “*Observation of a Gamma-Ray Burst at Balloon Altitude*”, 1977ICRC...11..23N [ADS](#)
- Nishimura, J., Fujii, M., Tawara, Y., et al., “*Observation of a gamma-ray burst at altitude.*”, 1977BISAT..13..857N [ADS](#)
- Saito, T., Sakurai, T., & Koyama, Y., “*Mechanism of association between $Pi\ 2$ pulsation and magnetospheric substorm.*”, 1976JATP...38.1265S [ADS](#)
- Sakurai, T. & Saito, T., “*Magnetic pulsation $Pi\ 2$ and substorm onset*”, 1976P&SS...24..573S [ADS](#)
- Sakurai, T., “*Magnetohydrodynamic interpretation of the motion of prominences.*”, 1976PASJ...28..177S [ADS](#)
- Fukada, Y., Hayakawa, S., Kasahara, I., et al., “*Balloon observations on the lunar occultation of the hard X-ray source in the Crab Nebula.*”, 1976BISAT..12..647F [ADS](#)
- Sakurai, T., “*Variations of magnetospheric convection electric fields during substorms as inferred from $pc1$ hydromagnetic waves*”, 1975P&SS...23..611S [ADS](#)

- Sakurai, T., “*The evolution of the solar inner rotation.*”, 1975MNRAS.171...35S [ADS](#)
- Sorensen, S. A., Matsuda, T., & Sakurai, T., “*Computer Simulations of Gas Flow around Close Binary Systems*”, 1975Ap&SS..33..465S [ADS](#)
- Kanno, T., Saito, T., Sakurai, T., Yumoto, K., & Ishida, Y., “*Dynamic spectral analysis of cosmic ray anisotropy by means of high-speed spectral analysis method.*”, 1975RISRJ..29..118K [ADS](#)
- Uchida, Y. & Sakurai, T., “*Oscillations in sunspot umbrae due to trapped Alfvén waves excited by overstability.*”, 1975PASJ...27..259U [ADS](#)
- Sorensen, S., Matsuda, T., & Sakurai, T., “*Flow in Close Binary Systems*”, 1974PThPh..52..333S [ADS](#)
- Sakurai, T., “*The Evolution of the Solar Inner Rotation by the Eddington-Sweet Type Circulation under the Influence of the Solar Wind Torque, II. Proposal of a New Method of Solution*”, 1973PASJ...25..563S [ADS](#)
- Sakurai, T., “*Spin down of radiation-penetrated, opaque, compressible fluid in a circular cylinder.*”, 1972PhFl..15..555S [ADS](#)
- Sakurai, T., “*The Evolution of the Solar Inner Rotation by the Eddington-Sweet Type Circulation under the Influence of the Solar Wind Torque*”, 1972PASJ...24..153S [ADS](#)
- Matsuda, T. & Sakurai, T., “*Dynamics of the azimuthally dependent solar wind.*”, 1972CosEl...3...97M [ADS](#)
- Sakurai, T., “*Quasi-radial hypervelocity approximation of the azimuthally dependent solar wind.*”, 1971CosEl...1..460S [ADS](#)
- Sakurai, T., “*Spin Down of Boussinesq Fluid in the Circular Cylinder, as a Simulation of the Solar Spin-Down Procedure*”, 1970stro.coll..329S [ADS](#)
- Sakurai, T., “*The Negative Viscosity Phenomenon Associated with the Rossby Wave on the Differentially-Rotating Solar Photosphere*”, 1970PASJ...22..177S [ADS](#)
- Sakurai, T., “*Spin down problem of rotating stratified fluid in thermally insulated circular cylinders.*”, 1969JFM....37..689S [ADS](#)
- Sakurai, T., “*Hydrodynamical Investigation of the Solar Differential Rotation*”, 1966PASJ...18..174S [ADS](#)