

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

- Rachmeler, L. A., Bueno, J. T., McKenzie, D. E., et al., “*Quiet Sun Center to Limb Variation of the Linear Polarization Observed by CLASP2 Across the Mg II h and k Lines*”, 2022ApJ...936...67R [ADS](#)
- Suematsu, Y., Shimizu, T., Hara, H., et al., “*Instrumental design of the Solar Observing Satellite: solar-CEUVST*”, 2021SPIE11852E..3KS [ADS](#)
- McKenzie, D., Ishikawa, R., Trujillo Bueno, J., et al., “*Mapping of Solar Magnetic Fields from the Photosphere to the Top of the Chromosphere with CLASP2*”, 2021AAS...23810603M [ADS](#)
- Rast, M. P., Bello González, N., Bellot Rubio, L., et al., “*Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST)*”, 2021SoPh..296...70R [ADS](#)
- Ishikawa, R., Bueno, J. T., del Pino Alemán, T., et al., “*Mapping solar magnetic fields from the photosphere to the base of the corona*”, 2021SciA....7.8406I [ADS](#)
- Suematsu, Y., “*Chromospheric Heating Associated with Strong Photospheric Downflow Events in Photospheric Flux Tubes*”, 2021cosp...43E1800S [ADS](#)
- Tsuzuki, T., Katsukawa, Y., Uraguchi, F., et al., “*Sunrise Chromospheric Infrared spectroPolarimeter (SCIP) for SUNRISE III: optical design and performance*”, 2020SPIE11447E..AJT [ADS](#)
- Uraguchi, F., Tsuzuki, T., Katsukawa, Y., et al., “*Sunrise Chromospheric Infrared spectroPolarimeter (SCIP) for SUNRISE III: opto-mechanical analysis and design*”, 2020SPIE11447E..ABU [ADS](#)
- Katsukawa, Y., del Toro Iniesta, J. C., Solanki, S. K., et al., “*Sunrise Chromospheric Infrared SpectroPolarimeter (SCIP) for sunrise III: system design and capability*”, 2020SPIE11447E..0YK [ADS](#)
- Suematsu, Y., Shimizu, T., Hara, H., et al., “*Thermal design of the Solar-C (EUVST) telescope*”, 2020SPIE11444E..3KS [ADS](#)
- Kawate, T., Tsuzuki, T., Shimizu, T., et al., “*A sensitivity analysis of the updated optical design for EUVST on the Solar-C mission*”, 2020SPIE11444E..3JK [ADS](#)
- Shimizu, T., Imada, S., Kawate, T., et al., “*The Solar-C (EUVST) mission: the latest status*”, 2020SPIE11444E..ONS [ADS](#)
- Imada, S., Shimizu, T., Kawate, T., et al., “*Current Status of the Solar-CEUVST Mission*”, 2020AGUFMSH056..05I [ADS](#)
- Yoshida, M., Suematsu, Y., Ishikawa, R., et al., “*High-frequency Wave Propagation Along a Spicule Observed by CLASP*”, 2019ApJ...887...2Y [ADS](#)
- Suematsu, Y., “*Relationship between Point-like Photospheric Downflows and Convective Collapse Events Seen in Hinode/SOT*”, 2019AGUFMSH43E3384S [ADS](#)
- Hinode Review Team, Al-Janabi, K., Antolin, P., et al., “*Achievements of Hinode in the first eleven years*”, 2019PASJ...71R...1H [ADS](#)
- Suematsu, Y., Shimizu, T., Hara, H., et al., “*Development of Solar-CEUVST structural design*”, 2019SPIE11118E..10S [ADS](#)
- Kawate, T., Shimizu, T., Imada, S., et al., “*Concept study of Solar-CEUVST optical design*”, 2019SPIE11118E..1NK [ADS](#)
- Shimizu, T., Imada, S., Kawate, T., et al., “*The Solar-CEUVST mission*”, 2019SPIE11118E..07S [ADS](#)
- Hill, F., Hammel, H., Martínez-Pillet, V., et al., “*ngGONG: The Next Generation GONG - A New Solar Synoptic Observational Network*”, 2019BAAS...51g..74H [ADS](#)
- Suematsu, Y., Hara, H., Katsukawa, Y., et al., “*Design of all-reflective spaceborne 1-m aperture solar optical telescope*”, 2019SPIE11180E..0RS [ADS](#)
- Quintero Noda, C., Iijima, H., Katsukawa, Y., et al., “*Chromospheric polarimetry through multiline observations of the 850 nm spectral region III: Chromospheric jets driven by twisted magnetic fields*”, 2019MNRAS.486.4203Q [ADS](#)
- Martínez Pillet, V., Hill, F., Hammel, H. B., et al., “*Synoptic Studies of the Sun as a Key to Understanding Stellar Astrophysics*”, 2019BAAS...51c.110M [ADS](#)
- Ishikawa, R., Trujillo Bueno, J., Uitenbroek, H., et al., “*Comparison of Scattering Polarization Signals Observed by CLASP: Possible Indication of the Hanle Effect*”, 2019ASPC..526..305I [ADS](#)
- Quintero Noda, C., Uitenbroek, H., Carlsson, M., et al., “*Study of the polarization produced by the Zeeman effect in the solar Mg I b lines*”, 2018MNRAS.481.5675Q [ADS](#)
- Trujillo Bueno, J., Štěpán, J., Belluzzi, L., et al., “*CLASP Constraints on the Magnetization and Geometrical Complexity of the Chromosphere-Corona Transition Region*”, 2018ApJ...866L..15T [ADS](#)
- Štěpán, J., Trujillo Bueno, J., Belluzzi, L., et al., “*A Statistical Inference Method for Interpreting the CLASP Observations*”, 2018ApJ...865...48S [ADS](#)
- Suematsu, Y., Katsukawa, Y., Hara, H., et al., “*Sunrise Chromospheric Infrared spectroPolarimeter (SCIP) for the SUNRISE balloon-borne solar observatory*”, 2018cosp...42E3285S [ADS](#)
- Suematsu, Y., “*Solar Flare Observations with Integral Field Spectroscopy in H-alpha Spectra and SDO/AIA*”, 2018cosp...42E3284S [ADS](#)
- Ishikawa, R., Sakao, T., Katsukawa, Y., et al., “*Current State of UV Spectro-Polarimetry and its Future Direction*”, 2018cosp...42E1564I [ADS](#)
- Imada, S. & Suematsu, Y., “*Science Objectives of the Solar-CEUVST*”, 2018cosp...42E1542I [ADS](#)
- Yoshida, M., Song, D., Ishikawa, R., et al., “*Wavefront error measurements and alignment of CLASP2 telescope with a dual-band pass cold mirror coated primary mirror*”, 2018SPIE10699E..30Y [ADS](#)
- Quintero Noda, C., Villanueva, G. L., Katsukawa, Y., et al., “*Solar polarimetry in the K I D_2 line : A novel possibility for a stratospheric balloon*”, 2018A&A...610A..79Q [ADS](#)
- Suematsu, Y., “*Ten-Year Results of Solar Optical Telescope (SOT) Onboard Hinode*”, 2018ASSL..449...27S [ADS](#)
- Suematsu, Y., Ichimoto, K., Katsukawa, Y., Tsuneta, S., & Shimizu, T., “*Instrument design and on-orbit performance of the solar optical telescope aboard hinode (Solar-B)*”, 2017SPIE10566E..2ZS [ADS](#)
- Suematsu, Y., Katsukawa, Y., Shimizu, T., et al., “*Optical and thermal design of 1.5-m aperture solar UV visible and IR observing telescope for Solar-C mission*”, 2017SPIE10565E..0RS [ADS](#)
- Suematsu, Y., Katsukawa, Y., Shimizu, T., & Ichimoto, K., “*Instrument design of 1.5-m aperture solar optical telescope for the Solar-C Mission*”, 2017SPIE10564E..0TS [ADS](#)
- Suematsu, Y., Koyama, M., Sukegawa, T., et al., “*Development of compact integral field unit for spaceborne solar spectro-polarimeter*”, 2017SPIE10563E..4MS [ADS](#)
- Quintero Noda, C., Kato, Y., Katsukawa, Y., et al., “*Chromospheric polarimetry through multiline observations of the 850-nm spectral region - II. A magnetic flux tube scenario*”, 2017MNRAS.472..727Q [ADS](#)
- Suematsu, Y., Saito, K., Koyama, M., et al., “*Compact integral field unit for optical telescope of the Solar-C mission*”, 2017SPIE10562E..0SS [ADS](#)
- Quintero Noda, C., Uitenbroek, H., Katsukawa, Y., et al., “*Solar polarimetry through the K I lines at 770 nm*”, 2017MNRAS.470.1453Q [ADS](#)
- Ishikawa, R., Trujillo Bueno, J., Uitenbroek, H., et al., “*Indication of the Hanle Effect by Comparing the Scattering Polarization Observed by CLASP in the Lyα and Si III 120.65 nm Lines*”, 2017ApJ...841...31I [ADS](#)
- Giono, G., Ishikawa, R., Narukage, N., et al., “*Polarization Calibration of the Chromospheric Lyman-Alpha SpectroPolarimeter for a 0.1 Polarization Sensitivity in the VUV Range. Part II: In-Flight Calibration*”, 2017SoPh..292...57G [ADS](#)
- Kano, R., Trujillo Bueno, J., Winebarger, A., et al., “*Discovery of Scattering Polarization in the Hydrogen Lyα Line of the Solar Disk Radiation*”, 2017ApJ...839L..10K [ADS](#)
- Quintero Noda, C., Shimizu, T., Katsukawa, Y., et al., “*Chromospheric polarimetry through multiline observations of the 850-nm spectral region*”, 2017MNRAS.464.4534Q [ADS](#)
- Giono, G., Ishikawa, R., Narukage, N., et al., “*Polarization Calibration of the Chromospheric Lyman-Alpha SpectroPolarimeter for a 0.1 Polarization Sensitivity in the VUV Range. Part I: Pre-flight Calibration*”, 2016SoPh..291.3831G [ADS](#)
- Joshi, A. D., Hanaoka, Y., Suematsu, Y., et al., “*Pre-eruption Oscillations in Thin and Long Features in a Quiescent Filament*”, 2016ApJ...833..243J [ADS](#)
- Kubo, M., Katsukawa, Y., Suematsu, Y., et al., “*Discovery of Ubiquitous Fast-Propagating Intensity Disturbances by the Chromospheric Lyman Alpha Spectropolarimeter (CLASP)*”, 2016ApJ...832..141K [ADS](#)
- Quintero Noda, C., Shimizu, T., Ruiz Cobo, B., et al., “*Analysis of a spatially deconvolved solar pore*”, 2016MNRAS.460.1476Q [ADS](#)
- Giono, G., Katsukawa, Y., Ishikawa, R., et al., “*Optical alignment of the Chromospheric Lyman-Alpha Spectro-Polarimeter using sophisticated methods to minimize activities under vacuum*”, 2016SPIE.9905E..3DG [ADS](#)
- Narukage, N., McKenzie, D. E., Ishikawa, R., et al., “*Chromospheric LAyer SpectroPolarimeter (CLASP2)*”, 2016SPIE.9905E..08N [ADS](#)
- Katsukawa, Y., Kamata, Y., Anan, T., et al., “*Development of a near-infrared detector and a fiber-optic integral field unit for a space solar observatory SOLAR-C*”, 2016SPIE.9904E..5IK [ADS](#)
- Suematsu, Y., Saito, K., Koyama, M., et al., “*Development of compact metal-mirror image slicer unit for optical telescope of the SOLAR-C mission*”, 2016SPIE.9904E..11S [ADS](#)
- Quintero Noda, C., Suematsu, Y., Ruiz Cobo, B., Shimizu, T., & Asensio Ramos, A., “*Analysis of spatially deconvolved polar faculae*”, 2016MNRAS.460..956Q [ADS](#)
- Quintero Noda, C., Shimizu, T., de la Cruz Rodríguez, J., et al., “*Spectropolarimetric capabilities of Ca II 8542 Å line*”, 2016MNRAS.459.3363Q [ADS](#)

- Kano, R., Ishikawa, R., Winebarger, A. R., et al., "Spectro-polarimetric observation in UV with CLASP to probe the chromosphere and transition region", 2016SPD...4710107K [ADS](#)
- Quintero Noda, C., Shimizu, T., & Suematsu, Y., "Analysis of horizontal flows in the solar granulation", 2016MNRAS.457.1703Q [ADS](#)
- Suematsu, Y. & Solar-C Working Group, "The SOLAR-C Mission: Science Objectives and Current Status", 2016ASPC..504..299S [ADS](#)
- Hagino, M., Ichimoto, K., Ueno, S., et al., "Development of the Universal Tunable Filter and High-resolution Imaging Observation with the Fuxian Solar Observatory", 2016ASPC..504..103H [ADS](#)
- Suematsu, Y., "The SOLAR-C Mission", 2015AGUFMSH21C..03S [ADS](#)
- Sakao, T., Matsuyama, S., Kime, A., et al., "Development of precision Wolter mirrors for future solar x-ray observations", 2015SPIE.9603E..00S [ADS](#)
- Ishikawa, R., Kano, R., Winebarger, A., et al., "CLASP: A UV Spectropolarimeter on a Sounding Rocket for Probing the Chromosphere-Corona Transition Regio", 2015IAUGA..2254536I [ADS](#)
- Judge, P. G., Kleint, L., Uitenbroek, H., et al., "Photon Mean Free Paths, Scattering, and Ever-Increasing Telescope Resolution", 2015SoPh..290..979J [ADS](#)
- Kaithakkal, A. J., Suematsu, Y., Kubo, M., et al., "Photospheric Flow Field Related to the Evolution of the Sun's Polar Magnetic Patches Observed by Hinode Solar Optical Telescope", 2015ApJ...799..139K [ADS](#)
- Suematsu, Y. & Kaithakkal, A. J., "Fine-Scale Structure of Solar Polar Faculae and their relation to Magnetic Patches", 2014AGUFMSH31C..07S [ADS](#)
- Ishikawa, R., Bando, T., Hara, H., et al., "Precision VUV Spectro-Polarimetry for Solar Chromospheric Magnetic Field Measurements", 2014ASPC..489..319T [ADS](#)
- Kubo, M., Kano, R., Kobayashi, K., et al., "A Sounding Rocket Experiment for the Chromospheric Lyman-Alpha Spectro-Polarimeter (CLASP)", 2014ASPC..489..307K [ADS](#)
- Suematsu, Y., Katsukawa, Y., Hara, H., et al., "Large aperture solar optical telescope and instruments for the SOLAR-C mission", 2014SPIE.9143E..1PS [ADS](#)
- Hagino, M., Ichimoto, K., Kimura, G., et al., "Development of a universal tunable filter for future solar observations", 2014SPIE.9151E..5VH [ADS](#)
- Suematsu, Y., Sukegawa, T., Okura, Y., et al., "Development of micro image slicer of integral field unit for spaceborne solar spectrograph", 2014SPIE.9151E..1SS [ADS](#)
- Giono, G., Ishikawa, R., Katsukawa, Y., et al., "Current progress of optical alignment procedure of CLASP's Lyman-alpha polarimetry instrument", 2014SPIE.9144E..3EG [ADS](#)
- Sakao, T., Narukage, N., Suematsu, Y., et al., "The soft x-ray photon-counting telescope for solar observations", 2014SPIE.9144E..3DS [ADS](#)
- Narukage, N., Katsukawa, Y., Hara, H., et al., "UV spectropolarimeter design for precise polarization measurement and its application to the CLASP for exploration of magnetic fields in solar atmosphere", 2014cosp...40E2232N [ADS](#)
- Kaithakkal, A. J., Suematsu, Y., Kubo, M., Shiota, D., & Tsuneta, S., "The Association of Polar Faculae with Polar Magnetic Patches Examined with Hinode Observations", 2013ApJ...776..122K [ADS](#)
- Kobayashi, K., Kano, R., Trujillo Bueno, J., et al., "Chromospheric Lyman Alpha SpectroPolarimeter: CLASP", 2013SPD...44..142K [ADS](#)
- Suematsu, Y., Katsukawa, Y., Ichimoto, K., & Shimizu, T., "Science and Instrument Design of 1.5-m Aperture Solar Optical Telescope for the SOLAR-C Mission", 2012IAUSS...6E.208S [ADS](#)
- Katsukawa, Y., Watanabe, T., Hara, H., et al., "Next space solar observatory SOLAR-C: mission instruments and science objectives", 2012IAUSS...6E.207K [ADS](#)
- Suematsu, Y., Katsukawa, Y., Shimizu, T., Ichimoto, K., & Takeyama, N., "Instrument Design of the Large Aperture Solar UV Visible and IR Observing Telescope (SUVIT) for the SOLAR-C Mission", 2012ASPC..463..439S [ADS](#)
- Kaithakkal, A. J., Tsuneta, S., Suematsu, Y., et al., "Association of Polar Faculae with the Polar Magnetic Patches as Revealed by Hinode", 2012AGUFMSH13C2273K [ADS](#)
- Tsiropoulou, G., Tziotziou, K., Kontogiannis, I., et al., "Solar Fine-Scale Structures. I. Spicules and Other Small-Scale, Jet-Like Events at the Chromospheric Level: Observations and Physical Parameters", 2012SSRv..169..181T [ADS](#)
- Kano, R., Bando, T., Narukage, N., et al., "Chromospheric Lyman-alpha spectro-polarimeter (CLASP)", 2012SPIE.8443E..4FK [ADS](#)
- Sakao, T., Narukage, N., Imada, S., et al., "The x-ray/EUV telescope for the Solar-C mission: science and development activities", 2012SPIE.8443E..0AS [ADS](#)
- Suematsu, Y., Katsukawa, Y., Hara, H., Shimizu, T., & Ichimoto, K., "Design of large aperture solar optical telescope for the SOLAR-C mission", 2012SPIE.8442E..25S [ADS](#)
- Kobayashi, K., Kano, R., Trujillo-Bueno, J., et al., "The Chromospheric Lyman-Alpha SpectroPolarimeter: CLASP", 2012ASPC..456..233K [ADS](#)
- Shimizu, T., Ichimoto, K., & Suematsu, Y., "Precursor of Sunspot Penumbra Formation Discovered with Hinode SOT Observation", 2012ASPC..456..43S [ADS](#)
- Kato, Y., Steiner, O., Steffen, M., & Suematsu, Y., "Excitation of Slow-Modes in Network Magnetic Elements", 2012ASPC..455..237K [ADS](#)
- Shimizu, T., Ichimoto, K., & Suematsu, Y., "Precursor of Sunspot Penumbra Formation Discovered with Hinode Solar Optical Telescope Observations", 2012ApJ...747L..18S [ADS](#)
- Suematsu, Y., Shinoda, K., Sano, I., & Kobiki, T., "Integral Field Spectroscopy of the Sun with Microlens Array and Liquid Crystal Retarders", 2011AGUFMSH13B1947S [ADS](#)
- Kobayashi, K., Tsuneta, S., Trujillo Bueno, J., et al., "The Chromospheric Lyman-Alpha SpectroPolarimeter (CLASP)", 2011AGUFM.P14C..05K [ADS](#)
- Narukage, N., Tsuneta, S., Bando, T., et al., "Overview of Chromospheric Lyman-Alpha SpectroPolarimeter (CLASP)", 2011SPIE.8148E..0HN [ADS](#)
- Katsukawa, Y., Suematsu, Y., Shimizu, T., Ichimoto, K., & Takeyama, N., "Focal plane instrument for the Solar UV-Vis-IR Telescope aboard SOLAR-C", 2011SPIE.8148E..0EK [ADS](#)
- Suematsu, Y., Katsukawa, Y., Shimizu, T., et al., "Short telescope design of 1.5-m aperture solar UV visible and IR telescope aboard Solar-C", 2011SPIE.8148E..0DS [ADS](#)
- Sakao, T., Narukage, N., Shimojo, M., et al., "Photon-counting soft x-ray telescope for the Solar-C mission", 2011SPIE.8148E..0CS [ADS](#)
- Shimizu, T., Tsuneta, S., Hara, H., et al., "The SOLAR-C mission: current status", 2011SPIE.8148E..0BS [ADS](#)
- Katsukawa, Y., Suematsu, Y., Tsuneta, S., Ichimoto, K., & Shimizu, T., "Modeling and verification of the diffraction-limited visible light telescope aboard the solar observing satellite HINODE", 2011SPIE.8336E..0FK [ADS](#)
- Kato, Y., Steiner, O., Steffen, M., & Suematsu, Y., "Excitation of magneto-acoustic waves in network magnetic elements", 2011IAUS..273..442K [ADS](#)
- Kato, Y., Steiner, O., Steffen, M., & Suematsu, Y., "Excitation of Slow Modes in Network Magnetic Elements Through Magnetic Pumping", 2011ApJ...730L..24K [ADS](#)
- Suematsu, Y. & Yatini, C. Y., "Sunspot Proper Motion and Flare Onset Prediction", 2010AGUFMSH43B1819S [ADS](#)
- Berger, T. E., Slater, G., Hurlburt, N., et al., "Quiescent Prominence Dynamics Observed with the Hinode Solar Optical Telescope. I. Turbulent Upflow Plumes", 2010ApJ...716.1288B [ADS](#)
- Suematsu, Y., "Review of Hinode results", 2010AN...331..605S [ADS](#)
- Suematsu, Y., "On the evaluation of image quality of Hinode Solar Optical Telescope", 2009AGUFMSH51A1254S [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](#)
- Lites, B. W., Kubo, M., Socas-Navarro, H., et al., "Has Hinode Revealed the Missing Turbulent Flux of the Quiet Sun?", 2009ASPC..405..173L [ADS](#)
- Ichimoto, K., Suematsu, Y., Katsukawa, Y., et al., "A New View of Fine Scale Dynamics and Magnetism of Sunspots Revealed by Hinode/SOT", 2009ASPC..405..167I [ADS](#)
- Okamoto, T. J., Tsuneta, S., Lites, B. W., et al., "Prominence Formation Associated with an Emerging Helical Flux Rope", 2009ApJ...697..913O [ADS](#)
- Shimizu, T., Katsukawa, Y., Kubo, M., et al., "Hinode Observation of the Magnetic Fields in a Sunspot Light Bridge Accompanied by Long-Lasting Chromospheric Plasma Ejections", 2009ApJ...696L..66S [ADS](#)
- Kim, Y.-H., Bong, S.-C., Park, Y.-D., et al., "Estimation of Spicule Magnetic Field Using Observed MHD Waves by the Hinode SOT", 2008JKAS...41..173K [ADS](#)
- Tsuneta, S., Ichimoto, K., Katsukawa, Y., et al., "The Magnetic Landscape of the Sun's Polar Region", 2008ApJ...688.1374T [ADS](#)
- Suematsu, Y., "Nature of Small-Scale Jets On the Solar Chromosphere Revealed with Hinode", 2008AGUFMSH41B1623S [ADS](#)
- Kubo, M., Ichimoto, K., Shimizu, T., et al., "Evolution of Magnetic Fields at the Boundary of the Penumbra", 2008ASPC..397..79K [ADS](#)
- Suematsu, Y., Ichimoto, K., Katsukawa, Y., et al., "High Resolution Observations of Spicules with Hinode/SOT", 2008ASPC..397..27S [ADS](#)
- Lites, B. W., Kubo, M., Socas-Navarro, H., et al., "Magnetic Fields of the Quiet Sun: A New Quantitative Perspective From Hinode", 2008ASPC..397..17L [ADS](#)
- Ichimoto, K., Katsukawa, Y., Tarbell, T., et al., "On-orbit Performance of the Solar Optical Telescope aboard Hinode", 2008ASPC..397..5I [ADS](#)
- Jurcák, J., Bellot Rubio, L., Ichimoto, K., et al., "Erratum: The Analysis of Penumbral Fine Structure Using an Advanced Inversion Technique", 2008PASJ...60..933J [ADS](#)

- Kubo, M., Lites, B. W., Ichimoto, K., et al., “Disintegration of Magnetic Flux in Decaying Sunspots as Observed with the Hinode SOT”, 2008ApJ...681.1677K [ADS](#)
- Ichimoto, K., Lites, B., Elmore, D., et al., “Polarization Calibration of the Solar Optical Telescope onboard Hinode”, 2008SoPh..249..233I [ADS](#)
- Shimizu, T., Nagata, S., Tsuneta, S., et al., “Image Stabilization System for Hinode (Solar-B) Solar Optical Telescope”, 2008SoPh..249..221S [ADS](#)
- Suematsu, Y., Tsuneta, S., Ichimoto, K., et al., “The Solar Optical Telescope of Solar-B (Hinode): The Optical Telescope Assembly”, 2008SoPh..249..197S [ADS](#)
- Tsuneta, S., Ichimoto, K., Katsukawa, Y., et al., “The Solar Optical Telescope for the Hinode Mission: An Overview”, 2008SoPh..249..167T [ADS](#)
- Matsumoto, T., Kitai, R., Shibata, K., et al., “Cooperative Observation of Ellerman Bombs between the Solar Optical Telescope aboard Hinode and Hida/Domeless Solar Telescope”, 2008PASJ...60..577M [ADS](#)
- Shimizu, T., Lites, B. W., Katsukawa, Y., et al., “Frequent Occurrence of High-Speed Local Mass Downflows on the Solar Surface”, 2008ApJ...680.1467S [ADS](#)
- Jing, J., Wiegelmans, T., Suematsu, Y., Kubo, M., & Wang, H., “Changes of Magnetic Structure in 3-D Associated with the X3.4 Flare of 2006 December 13”, 2008AGUUSMSP51C..02J [ADS](#)
- Okamoto, T. J., Tsuneta, S., Lites, B. W., et al., “Emergence of a helical flux rope and prominence formation”, 2008AGUUSMSP43B..060 [ADS](#)
- Kubo, M., Lites, B. W., Ichimoto, K., et al., “Disintegration of Magnetic Flux in Decaying Sunspots as Observed with the Hinode/SOT”, 2008AGUUSMSP31B..01K [ADS](#)
- Nagata, S., Tsuneta, S., Suematsu, Y., et al., “Formation of Solar Magnetic Flux Tubes with Kilogauss Field Strength Induced by Convective Instability”, 2008ApJ...677L.145N [ADS](#)
- Ishikawa, R., Tsuneta, S., Ichimoto, K., et al., “Transient horizontal magnetic fields in solar plage regions”, 2008A&A...481L..25I [ADS](#)
- Ichimoto, K., Tsuneta, S., Suematsu, Y., et al., “Net circular polarization of sunspots in high spatial resolution”, 2008A&A...481L..9I [ADS](#)
- Berger, T. E., Shine, R. A., Slater, G. L., et al., “Hinode SOT Observations of Solar Quiescent Prominence Dynamics”, 2008ApJ...676L..89B [ADS](#)
- Jing, J., Wiegelmans, T., Suematsu, Y., Kubo, M., & Wang, H., “Changes of Magnetic Structure in Three Dimensions Associated with the X3.4 Flare of 2006 December 13”, 2008ApJ...676L..81J [ADS](#)
- Okamoto, T. J., Tsuneta, S., Lites, B. W., et al., “Emergence of a Helical Flux Rope under an Active Region Prominence”, 2008ApJ...673L.2150 [ADS](#)
- Lites, B. W., Kubo, M., Socas-Navarro, H., et al., “The Horizontal Magnetic Flux of the Quiet-Sun Internetwork as Observed with the Hinode Spectro-Polarimeter”, 2008ApJ...672.1237L [ADS](#)
- Lites, B. W., Centeno, R., Kubo, M., et al., “Hinode Observations of Flux Emergence in Quiet and Active Regions”, 2008ASPC..383..71L [ADS](#)
- Ichimoto, K., Suematsu, Y., Tsuneta, S., et al., “Twisting Motions of Sunspot Penumbral Filaments”, 2007Sci...318.1597I [ADS](#)
- Katsukawa, Y., Berger, T. E., Ichimoto, K., et al., “Small-Scale Jetlike Features in Penumbral Chromospheres”, 2007Sci...318.1594K [ADS](#)
- Shibata, K., Nakamura, T., Matsumoto, T., et al., “Chromospheric Anemone Jets as Evidence of Ubiquitous Reconnection”, 2007Sci...318.1591S [ADS](#)
- Okamoto, T. J., Tsuneta, S., Berger, T. E., et al., “Coronal Transverse Magnetohydrodynamic Waves in a Solar Prominence”, 2007Sci...318.1577O [ADS](#)
- De Pontieu, B., McIntosh, S. W., Carlsson, M., et al., “Chromospheric Alfvénic Waves Strong Enough to Power the Solar Wind”, 2007Sci...318.1574D [ADS](#)
- Berger, T., Shine, R., Slater, G., et al., “Hinode SOT observations of plume upflows and cascading downflows in quiescent solar prominences”, 2007AGUFMSH53A1065B [ADS](#)
- Shimizu, T., Kano, R., Katsukawa, Y., et al., “Mangetic field properties at the footpoints of solar microflares (active-region transient brightenings)”, 2007AGUFMSH52C..06S [ADS](#)
- Orozco Suárez, D., Bellot Rubio, L. R., Del Toro Iniesta, J. C., et al., “Strategy for the Inversion of Hinode Spectropolarimetric Measurements in the Quiet Sun”, 2007PASJ...59S.8370 [ADS](#)
- Isobe, H., Kubo, M., Minoshima, T., et al., “Flare Ribbons Observed with G-band and FeI 6302Å, Filters of the Solar Optical Telescope on Board Hinode”, 2007PASJ...59S.807I [ADS](#)
- Kubo, M., Yokoyama, T., Katsukawa, Y., et al., “Hinode Observations of a Vector Magnetic Field Change Associated with a Flare on 2006 December 13”, 2007PASJ...59S.779K [ADS](#)
- Hansteen, V. H., de Pontieu, B., Carlsson, M., et al., “On Connecting the Dynamics of the Chromosphere and Transition Region with Hinode SOT and EIS”, 2007PASJ...59S.699H [ADS](#)
- Carlsson, M., Hansteen, V. H., de Pontieu, B., et al., “Can High Frequency Acoustic Waves Heat the Quiet Sun Chromosphere?”, 2007PASJ...59S.663C [ADS](#)
- de Pontieu, B., McIntosh, S., Hansteen, V. H., et al., “A Tale of Two Spicules: The Impact of Spicules on the Magnetic Chromosphere”, 2007PASJ...59S.655D [ADS](#)
- Otsuji, K., Shibata, K., Kitai, R., et al., “Small-Scale Magnetic-Flux Emergence Observed with Hinode Solar Optical Telescope”, 2007PASJ...59S.6490 [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](#)
- Sekii, T., Kosovichev, A. G., Zhao, J., et al., “Initial Helioseismic Observations by Hinode/SOT”, 2007PASJ...59S.637S [ADS](#)
- Nagashima, K., Sekii, T., Kosovichev, A. G., et al., “Observations of Sunspot Oscillations in G Band and CaII H Line with Solar Optical Telescope on Hinode”, 2007PASJ...59S.631N [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](#)
- Kubo, M., Ichimoto, K., Shimizu, T., et al., “Formation of Moving Magnetic Features and Penumbral Magnetic Fields with Hinode/SOT”, 2007PASJ...59S.607K [ADS](#)
- Jurcák, J., Bellot Rubio, L., Ichimoto, K., et al., “The Analysis of Penumbral Fine Structure Using an Advanced Inversion Technique”, 2007PASJ...59S.601J [ADS](#)
- Ichimoto, K., Shine, R. A., Lites, B., et al., “Fine-Scale Structures of the Evershed Effect Observed by the Solar Optical Telescope aboard Hinode”, 2007PASJ...59S.593I [ADS](#)
- Kitai, R., Watanabe, H., Nakamura, T., et al., “Umbral Fine Structures in Sunspots Observed with Hinode Solar Optical Telescope”, 2007PASJ...59S.585K [ADS](#)
- Katsukawa, Y., Yokoyama, T., Berger, T. E., et al., “Formation Process of a Light Bridge Revealed with the Hinode Solar Optical Telescope”, 2007PASJ...59S.577K [ADS](#)
- Lites, B., Socas-Navarro, H., Kubo, M., et al., “Hinode Observations of Horizontal Quiet Sun Magnetic Flux and the “Hidden Turbulent Magnetic Flux””, 2007PASJ...59S.571L [ADS](#)
- Orozco Suárez, D., Bellot Rubio, L. R., del Toro Iniesta, J. C., et al., “Quiet-Sun Internetwork Magnetic Fields from the Inversion of Hinode Measurements”, 2007ApJ...670L..610 [ADS](#)
- Bellot Rubio, L. R., Tsuneta, S., Ichimoto, K., et al., “Vector Spectropolarimetry of Dark-cored Penumbral Filaments with Hinode”, 2007ApJ...668L..91B [ADS](#)
- Lites, B. W., Elmore, D. F., Streander, K. V., et al., “Performance Characteristics of the Solar-B Spectro-Polarimeter”, 2007ASPC..369..55L [ADS](#)
- Shimizu, T., Kubo, M., Tarbell, T. D., et al., “Estimate on SOT Light Level in Flight with Throughput Measurements in SOT Sun Tests”, 2007ASPC..369..51S [ADS](#)
- Okamoto, T. J., Katsukawa, Y., Shimizu, T., et al., “Examinations of the Relative Alignment of the Instruments on SOT”, 2007ASPC..369..470 [ADS](#)
- Katsukawa, Y., Ichimoto, K., Sekii, T., et al., “Calibration of SOT Dopplergrams”, 2007ASPC..369..43K [ADS](#)
- Ichimoto, K., Suematsu, Y., Shimizu, T., et al., “Calibration of the SOT Polarization”, 2007ASPC..369..39I [ADS](#)
- Centeno, R., Socas-Navarro, H., Lites, B., et al., “Emergence of Small-Scale Magnetic Loops in the Quiet-Sun Internetwork”, 2007ApJ...666L.137C [ADS](#)
- Kosugi, T., Matsuzaki, K., Sakao, T., et al., “The Hinode (Solar-B) Mission: An Overview”, 2007SoPh..243..3K [ADS](#)
- Berger, T., Tarbell, T., Slater, G., et al., “Hinode/SOT Observations of Apparent “Thermal Plume” Motions In A Solar Prominence”, 2007AAS...210.9433B [ADS](#)
- Tsuneta, S., Suematsu, Y., Ichimoto, K., et al., “Attempt to detect Afven waves with Solar Optical Telescope aboard Hinode”, 2007AAS...210.9428T [ADS](#)
- Okamoto, T., Tsuneta, S., Katsukawa, Y., et al., “Discovery Of Cool Cloud-like Structures In The Corona With Hinode Solar Optical Telescope”, 2007AAS...210.9426O [ADS](#)
- Shimizu, T., DeLuca, E. E., Lundquist, L., et al., “Hinode Data Calibration For Precise Image Co-alignment: XRT vs. SOT”, 2007AAS...210.9417S [ADS](#)
- Katsukawa, Y., Tsuneta, S., Suematsu, Y., et al., “Chromospheric Micro-jets Discovered Above Sunspot Penumbrae”, 2007AAS...210.9413K [ADS](#)
- De Wijn, A., Lites, B., Berger, T., et al., “Magnetic Patches in Internetwork Quiet Sun”, 2007AAS...210.9412D [ADS](#)

- Suematsu, Y., Katsukawa, Y., Ichimoto, K., et al., "High Resolution Observation of Spicules in Ca II H with Hinode/SOT", 2007AAS...210.9411S [ADS](#)
- Kubo, M., Ichimoto, K., Shimizu, T., et al., "Formation of Moving Magnetic Features and Penumbral Magnetic Fields", 2007AAS...210.9410K [ADS](#)
- Ichimoto, K., Suematsu, Y., Tsuneta, S., et al., "Hinode/SOT Observation of Fine Structure of the Evershed Flow", 2007AAS...210.9408I [ADS](#)
- Shine, R. A., Hagenaar, M., Tarbell, T., et al., "Hinode/SOT Observations of Sunspot Penumbral Dynamics and Evolution", 2007AAS...210.9407S [ADS](#)
- Centeno, R., Lites, B., Socas-Navarro, H., et al., "Magnetic Flux Emergence In The Quiet Sun Photosphere", 2007AAS...210.9406C [ADS](#)
- Tsuneta, S., Suematsu, Y., Ichimoto, K., et al., "Magnetic Landscape Of Solar Polar Region With Solar Optical Telescope Aboard Hinode", 2007AAS...210.9405T [ADS](#)
- Ishikawa, R., Tsuneta, S., Suematsu, Y., et al., "Discovery Of Small-scale Horizontal Magnetic Structures On The Solar Photosphere", 2007AAS...210.9404I [ADS](#)
- Suematsu, Y., Ichimoto, K., Katsukawa, Y., et al., "Optical Performance of the Solar Optical Telescope aboard HINODE", 2007AAS...210.9402S [ADS](#)
- Lites, B. W., Socas Navarro, H., Berger, T., et al., "Ubiquitous Horizontal Magnetic Fields in the Quiet Solar Photosphere as Revealed by HINODE Measurements", 2007AAS...210.6303L [ADS](#)
- Ichimoto, K., Suematsu, Y., Shimizu, T., et al., "Magnetic Field Diagnostic Capability of Solar-B/SOT: Filtergraph Instrument", 2006ASPC..358..189I [ADS](#)
- Yatini, C. Y. & Suematsu, Y., "The Proper Motion of Sunspot and Its Relation to the Flare Onset", 2006apri.meet...34Y [ADS](#)
- Noguchi, M., Nakagiri, M., Suematsu, Y., Tsuneta, S., & Kubo, M., "New clean room for space instrumentation", in Annual Report of the National Astronomical Observatory of Japan, Volume 6, Vol. 6, 37–38 2005naoj.book...37N [ADS](#)
- Suematsu, Y., Ichimoto, K., Shimizu, T., et al., "Solar-B/Optical Telescope flight model is coming up", in Annual Report of the National Astronomical Observatory of Japan, Volume 6, Vol. 6, 4 2005naoj.book....4S [ADS](#)
- Suematsu, Y., Ichimoto, K., Shimizu, T., et al., "Completion of Solar-B/Optical Telescope flight model", 2005ARA&J...7...52S [ADS](#)
- Hara, H., Ichimoto, K., Otsubo, M., et al., "The first build-up of the Solar-B flight models", 2005ARA&J...7...46H [ADS](#)
- Choudhary, D. P., Balasubramaniam, K. S., & Suematsu, Y., "Asymmetric Stokes-V Profiles at the Penumbral Boundary of a Sunspot", 2004ASPC..325..137C [ADS](#)
- Shimizu, T., Nagata, S., Edwards, C., et al., "Image stabilization system on SOLAR-B Solar Optical Telescope", 2004SPIE.5487.1199S [ADS](#)
- Ichimoto, K., Tsuneta, S., Suematsu, Y., et al., "The Solar Optical Telescope onboard the Solar-B", 2004SPIE.5487.1142I [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](#)
- 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](#)
- Ichimoto, K., Nakagiri, M., Suematsu, Y., et al., "Thermo-optical testing of the solar optical telescope of the Solar-B", in Annual Report of the National Astronomical Observatory of Japan, Vol. 5, 6–7 2004naoj.book....6I [ADS](#)
- Suematsu, Y., "Solar-B: Status of Project", 2003ASPC..289..37S [ADS](#)
- Suematsu, Y., Ichimoto, K., Shimizu, T., et al., "Development of Solar-B solar optical telescope", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 5–7 2003naoj.book....5S [ADS](#)
- Tsuneta, S., Ichimoto, K., Suematsu, Y., et al., "Development of the Solar-B spacecraft", in Annual Report of the National Astronomical Observatory of Japan, Vol. 4, 3–4 2003naoj.book....3T [ADS](#)
- Choudhary, D. P., Suematsu, Y., & Ichimoto, K., "Observational Study of the Three-Dimensional Magnetic Field Structure and Mass Motion in Active Regions", 2002SoPh..209..349C [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](#)
- Bao, S. D., Sakurai, T., & Suematsu, Y., "The Sources of Magnetic Field Twist in Solar Active Regions", 2002ApJ...573..445B [ADS](#)
- Sakurai, T. & Suematsu, Y., "Observational studies of the solar cycle at the National Astronomical Observatory of Japan", 2002AdSpR..29.1565S [ADS](#)
- Foukal, P., Solanki, S., Mariska, J., et al., "Commission 12: Solar Radiation and Structure (Radiation et Structure Solaires)", 2000IAUTA..24..73F [ADS](#)
- Suematsu, Y., "Development of New Solar Optical Observation Systems at Mitaka, NAOJ", 1999spro.proc..443S [ADS](#)
- Miyashita, M., Suematsu, Y., & Irie, M., "Derivation of the correction coefficient k in the relative sunspot number for a new sunspot observing system at Mitaka.", 1999RNAOJ...4..149M [ADS](#)
- Balasubramaniam, K. S., Suematsu, Y., Smaldone, L. A., et al., "Simultaneous 2-D Spatial Spectra Using a Microlens Array", 1999AAS...194.9306B [ADS](#)
- Iizuka, Y., Yamasaki, T., & Suematsu, Y., "Characteristic curves of photographic data made with a film scanner.", 1999RNAOJ...4..107I [ADS](#)
- Suematsu, Y., Imai, H., Yoshimura, K., et al., "Tridimensional Spectroscopic Observations of the Sun with a Microlens-Array Spectrograph", 1999ASPC..183..303S [ADS](#)
- Suematsu, Y. & Solar-B Working Group, "Scientific Objectives and Design Concepts of the Optical Telescope and its Observing Instruments aboard Solar-B", 1999ASPC..183..198S [ADS](#)
- Imai, H., Suematsu, Y., Miyashita, M., & Kumagai, K., "Development of automatic detection and reduction system for sunspots and faculae.", 1998RNAOJ...4...1I [ADS](#)
- Nishino, Y., Suematsu, Y., Tsuneta, S., et al., "Radiation testing of optical glasses and crystals for Solar-B optical instruments.", 1998RNAOJ...3..145N [ADS](#)
- Dara, H. C., Koutchmy, S., & Suematsu, Y., "Properties of H α spicules from disk and limb high-resolution observations", 1998ESASP.421..255D [ADS](#)
- Suematsu, Y., "Solar Spicules: A brief review of recent high-resolution observations", 1998ESASP.421..19S [ADS](#)
- Suematsu, Y., Nishino, Y., Yan, Y., & Sato, J., "Horseshoe Shaped H α Solar Flares on 13 Oct 1995 and Emerging Flux Model of Flares", 1998ASSL..229..209S [ADS](#)
- Koutchmy, S., Hara, H., Shibata, K., Suematsu, Y., & Reardon, K., "SXR Coronal Polar Jets and Recurrent Flashes", 1998ASSL..229..87K [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](#)
- Koutchmy, S., Hara, H., Suematsu, Y., & Reardon, K., "SXR Coronal Flashes.", 1997A&A...320L..33K [ADS](#)
- Tohmura, I., Kitai, R., Suematsu, Y., & Soltau, D., "Spectroscopic Observation of the Solar Active Regions in Hel 10830 A Line", 1996JKASS..29..333T [ADS](#)
- Damé, L., Martic, M., Brown, W. A., et al., "Coordinated SPDE rocket, YOHKOH and ground observations of an emerging flux region and a filament", 1996AdSpR..17d.189D [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](#)
- Yatini, C. Y. & Suematsu, Y., "Statistical Studies of Solar H alpha Brightening Events and Their Relation to Soft X-ray Events", 1996mpsa.conf..453Y [ADS](#)
- Suematsu, Y., "High Resolution Observation of Solar Spicules and Their Kinematic Modelling", 1996mpsa.conf..439S [ADS](#)
- Kitai, R., Tohmura, I., Suematsu, Y., Akioka, M., & Soltau, D., "He I 10830 Angstroms in Solar Active Regions and its Correlation with Chromospheric Lines", 1996mpsa.conf..435K [ADS](#)
- Suematsu, Y., Wang, H., & Zirin, H., "High-Resolution Observation of Disk Spicules. I. Evolution and Kinematics of Spicules in the Enhanced Network", 1995ApJ...450..411S [ADS](#)
- Suematsu, Y., Ichimoto, K., & Sakurai, T., "He I λ 1083nm Observations and Chromospheric and Coronal Activities", 1995itsa.conf..413S [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](#)
- Suematsu, Y., "XV NSO/Sac Peak Solar workshop", 1994suns.work...19S [ADS](#)
- Suematsu, Y., "A Very Small Two-Ribbon Flare of GOES X-ray Class B6.7", 1994kofu.symp..135S [ADS](#)
- Suematsu, Y., Shimizu, T., & Tanaka, N., "Small-Scale Brightening Events Found with Mitaka H α Patrol System and Their Soft X-Ray Signatures from YOHKOH SXT", 1994xspy.conf...39S [ADS](#)
- Suematsu, Y., Fukushima, H., & Nishino, Y., "On the Coronal and Prominence Structures Observed at the Total Solar Eclipse of 11 July 1991", 1994IAUS..154..205S [ADS](#)
- Suematsu, Y., "Small-Scale Brightening Events in H alpha and Soft X-rays in Active Regions", 1994ASPC...68..412S [ADS](#)
- Ichimoto, K., Sakurai, T., Hiei, E., et al., "Solar Flare Telescope project.", 1993RNAOJ...1..375I [ADS](#)
- Tanaka, N., Suematsu, Y., & Yamaguchi, K., "Development of automatic detection system for solar H α flares.", 1993RNAOJ...1..365T [ADS](#)
- Tanaka, N., Yamaguchi, K., & Suematsu, Y., "Improvement of camera mechanism for H α monochromatic heliograph at Mitaka.", 1993RNAOJ...1..361T [ADS](#)

- Ichimoto, K., Sakurai, T., Nishino, Y., et al., “*Magnetic Field Observation with the Solar Flare Telescope*”, 1993ASPC...46..166I [ADS](#)
- Suematsu, Y., Wang, H., & Zirin, H., “*Kinematics and Lifetimes of Solar Spicules*”, 1992AAS...180.0702S [ADS](#)
- Sterling, A. C., Mariska, J. T., Shibata, K., & Suematsu, Y., “*Numerical Simulations of Microflare Evolution in the Solar Transition Region and Corona*”, 1991ApJ...381..313S [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](#)
- Suematsu, Y. & Takeuchi, A., “*Chromospheric and Coronal Activities in the Quiet Sun Originating from Photospheric 5-Minute Oscillations*”, in Y. Uchida, R. C. Canfield, T. Watanabe, and E. Hiei (Eds.), Flare Physics in Solar Activity Maximum 22, Vol. 387, 259 1991LNP...387..259S [ADS](#)
- Suematsu, Y., Yoshinaga, R., Terao, N., & Tsubaki, T., “*Oscillatory and Transient Features Detected Simultaneously in the CA II K and H β Line Spectra of a Quiescent Prominence*”, 1990PASJ...42..187S [ADS](#)
- Suematsu, Y., “*Influence of Photospheric 5-Minute Oscillations on the Formation of Chromospheric Fine Structures*”, in Y. Osaki and H. Shiba-hashi (Eds.), Progress of Seismology of the Sun and Stars, Vol. 367, 211 1990LNP...367..211S [ADS](#)
- Suematsu, Y., Saito, S., Funakoshi, Y., & Kurokawa, H., “*A coronal condensation observed at the total solar eclipse of June 11, 1983 and a related transient prominence*”, 1988SoPh..116..285S [ADS](#)
- Tsubaki, T., Toyoda, M., Suematsu, Y., & Gamboa, G. A. R., “*New evidence for oscillatory motions in a quiescent prominence*”, 1988PASJ...40..121T [ADS](#)
- Tsubaki, T., Ohnishi, Y., & Suematsu, Y., “*Short-period oscillations found in a quiescent prominence*”, 1987PASJ...39..179T [ADS](#)
- Tsubaki, T., Saito, Y., Suematsu, Y., & Nakagomi, Y., “*Observational study for detecting periodic oscillations in the inner solar corona*”, 1986PASJ...38..251T [ADS](#)
- Suematsu, Y., “*Mass Motions due to Shock Propagations Along Low-Lying Loops in the Solar Atmosphere - on the Formation of Fibrils*”, 1985SoPh..98..67S [ADS](#)
- Kanno, M., Suematsu, Y., & Nishikawa, T., “*Weakening of the Solar Extreme Ultraviolet Line Emission by Lyman Continuum Absorption as Derived from Line Ratios*”, 1984SoPh..91..71K [ADS](#)
- Shibata, K. & Suematsu, Y., “*Why are spicules absent over plages and long under coronal holes?*”, 1982SoPh..78..333S [ADS](#)
- Shibata, K., Nishikawa, T., Kitai, R., & Suematsu, Y., “*Numerical Hydrodynamics of the Jet Phenomena in the Solar Atmosphere - Part Two - Surges*”, 1982SoPh..77..121S [ADS](#)
- Suematsu, Y., Shibata, K., Neshikawa, T., & Kitai, R., “*Numerical Hydrodynamics of the Jet Phenomena in the Solar Atmosphere - Part One - Spicules*”, 1982SoPh..75..99S [ADS](#)
- Kanno, M. & Suematsu, Y., “*Wavelength Dependence of the Weakening of the Solar Extreme Ultraviolet Line Emission*”, 1982PASJ...34..449K [ADS](#)
- Suematsu, Y., “*Numerical Hydrodynamic Simulations of Spicules*”, 1980jfss.conf...66S [ADS](#)