

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

- Shimada, R., Hotta, H., & Yokoyama, T., “Mean-field Analysis on Large-scale Magnetic Fields at High Reynolds Numbers”, 2022ApJ...935...55S ADS
- Kuniyoshi, H., Yokoyama, T., & Iijima, H., “Radiative MHD simulations of solar coronal loops considering the energy injection from intergranular lanes.”, 2021AGUFM12B...08K ADS
- Wang, Y., Yokoyama, T., & Iijima, H., “Fast Magnetic Wave Could Heat the Solar Low-beta Chromosphere”, 2021ApJ...916L...10W ADS
- Nakamura, K., Yokoyama, T., Kaneko, T., Matsumoto, R., & Machida, M., “Thermally conductive magnetohydrodynamic simulation of X-ray spectral states and transitions in black hole binaries”, 2021cosp...43E1698N ADS
- Shimizu, T., Imada, S., Kawate, T., et al., “The Solar-C (EUVST) mission: the latest status”, 2020SPIE11444E...0NS ADS
- Katsuda, S., Ohno, M., Mori, K., et al., “Inverse First Ionization Potential Effects in Giant Solar Flares Found from Earth X-Ray Albedo with Suzaku/XIS”, 2020ApJ...891...126K ADS
- Wang, Y. & Yokoyama, T., “Simulation of Alfvén Wave Propagation in the Magnetic Chromosphere with Radiative Loss: Effects of Nonlinear Mode Coupling on Chromospheric Heating”, 2020ApJ...891...110W ADS
- Shimojo, M., Kawate, T., Okamoto, T. J., et al., “Estimating the Temperature and Density of a Spicule from 100 GHz Data Obtained with ALMA”, 2020ApJ...888L...28S ADS
- Shimizu, T., Imada, S., Kawate, T., et al., “The Solar-CEUVST mission”, 2019SPIE11118E...07S ADS
- Wang, S. & Yokoyama, T., “Diffusion regions and 3D energy mode development in spontaneous reconnection”, 2019PhP1...26g2109W ADS
- Shoda, M., Suzuki, T. K., Asgari-Targhi, M., & Yokoyama, T., “Three-dimensional Simulation of the Fast Solar Wind Driven by Compressible Magnetohydrodynamic Turbulence”, 2019ApJ...880L...2S ADS
- Yokoyama, T., Katsukawa, Y., & Shimojo, M., “Observations of photospheric magnetic structure below a dark filament using the Hinode Spectropolarimeter”, 2019PASJ...71...46Y ADS
- Kaneko, T. & Yokoyama, T., “Impact of Dynamic State on the Mass Condensation Rate of Solar Prominences”, 2018ApJ...869...136K ADS
- Yokoyama, T., Shimojo, M., Okamoto, T. J., & Iijima, H., “ALMA Observations of the Solar Chromosphere on the Polar Limb”, 2018ApJ...863...96Y ADS
- Kaneko, T. & Yokoyama, T., “Numerical modeling of prominence formation from reconnection to radiative condensation”, 2018cosp...42E1673K ADS
- Shoda, M., Yokoyama, T., & Suzuki, T. K., “Frequency-dependent Alfvén-wave Propagation in the Solar Wind: Onset and Suppression of Parametric Decay Instability”, 2018ApJ...860...17S ADS
- Shoda, M. & Yokoyama, T., “Anisotropic Magnetohydrodynamic Turbulence Driven by Parametric Decay Instability: The Onset of Phase Mixing and Alfvén Wave Turbulence”, 2018ApJ...859L...17S ADS
- Shoda, M. & Yokoyama, T., “High-frequency Spicule Oscillations Generated via Mode Conversion”, 2018ApJ...854...9S ADS
- Shoda, M., Yokoyama, T., & Suzuki, T. K., “A Self-consistent Model of the Coronal Heating and Solar Wind Acceleration Including Compressible and Incompressible Heating Processes”, 2018ApJ...853...190S ADS
- Bekki, Y., Hotta, H., & Yokoyama, T., “Effects of the enhanced sub-adiabatic layer in effectively high-Prandtl number thermal convection”, 2017SPD...4840302B ADS
- Yokoyama, T., Oi, Y., & Toriumi, S., “MHD simulations of formation and eruption of a magnetic flux rope in an active region with a delta-sunspot”, 2017SPD...4840002Y ADS
- Kaneko, T. & Yokoyama, T., “Reconnection-Condensation Model for Solar Prominence Formation”, 2017ApJ...845...12K ADS
- Ichimura, C. & Yokoyama, T., “Non-kinematic Flux-transport Dynamos Including the Effects of Diffusivity Quenching”, 2017ApJ...839...18I ADS
- Antolin, P., De Moortel, I., Van Doorselaere, T., & Yokoyama, T., “Observational signatures of transverse MHD waves and associated dynamic instabilities”, 2017arXiv170200775A ADS
- Wang, S., Yokoyama, T., & Isobe, H., “Three-dimensional MHD Magnetic Reconnection Simulations with a Finite Guide Field: Proposal of the Shock-evoking Positive-feedback Model”, 2015ApJ...811...31W ADS
- Okamoto, T. J., Antolin, P., De Pontieu, B., et al., “Resonant Absorption of Transverse Oscillations and Associated Heating in a Solar Prominence. I. Observational Aspects”, 2015ApJ...809...710 ADS
- Kaneko, T. & Yokoyama, T., “Simulation Study of Solar Plasma Eruptions Caused by Interactions between Emerging Flux and Coronal Arcade Fields”, 2014ApJ...796...44K ADS
- Toriumi, S., Hayashi, K., & Yokoyama, T., “Statistical Analysis of the Horizontal Divergent Flow in Emerging Solar Active Regions”, 2014ApJ...794...19T ADS
- Yokoyama, T., “Magnetothermal instability in the solar corona”, 2014cosp...40E3724Y ADS
- Matsui, Y. & Yokoyama, T., “Imaging, spectroscopic and stereoscopic observations of the bi-directional reconnection inflow”, 2014cosp...40E2037M ADS
- Antolin, P., Yokoyama, T., & Van Doorselaere, T., “Fine strand-like structure in the corona from MHD transverse oscillations”, 2014cosp...40E.104A ADS
- Toriumi, S., Ilonidis, S., Sekii, T., & Yokoyama, T., “Probing the Shallow Convection Zone: Rising Motion of Subsurface Magnetic Fields in the Solar Active Region”, 2013ApJ...770L...11T ADS
- Asai, A., Kiyohara, J., Takasaki, H., et al., “Temporal and Spatial Analyses of Spectral Indices of Nonthermal Emissions Derived from Hard X-Rays and Microwaves”, 2013ApJ...763...87A ADS
- Toriumi, S., Miyagoshi, T., Yokoyama, T., Isobe, H., & Shibata, K., “Dependence of the Magnetic Energy of Solar Active Regions on the Twist Intensity of the Initial Flux Tubes”, 2011PASJ...63...407T ADS
- Figure, H., Takahashi, K., Shibata, K., Yokoyama, T., & Nozawa, S., “Generation of Alfvén Waves by Magnetic Reconnection”, 2010PASJ...62...993K ADS
- Yokoyama, T. & Isobe, H., “Three-dimensional MHD Simulations Of Magnetic Reconnection With Finite Fluctuations”, 2010AAS...21640802Y ADS
- Yokoyama, T. & Isobe, H., “Magnetic reconnection with finite fluctuations”, 2010cosp...38.1935Y ADS
- Okamoto, T. J., Tsuneta, S., Lites, B. W., et al., “Prominence Formation Associated with an Emerging Helical Flux Rope”, 2009ApJ...697...9130 ADS
- Asai, A., Nakajima, H., Shimojo, M., et al., “Imaging Spectroscopy on Pre-flare Coronal Nonthermal Sources Associated with the 2002 July 23 Flare”, 2009ApJ...695.1623A 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
- 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
- Yokoyama, T., “Temporal evolution of a Current Sheet with Initial Finite Perturbations by Three-dimensional MHD Simulations”, 2008cosp...37.3554Y ADS
- Minoshima, T., Yokoyama, T., & Masuda, S., “Comparative Study of Non-Thermal Emissions and Electron Transport in a Solar Flare”, 2008cosp...37.2050M ADS
- Nakashima, H., Shioji, Y., Tateyama, K., et al., “Specific Cutting Resistance of Lunar Regolith Simulant under Low Gravity Conditions”, 2008JSpEn...1...58N 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
- Moon, Y.-J., Kim, Y.-H., Park, Y.-D., et al., “Hinode SP Vector Magnetogram of AR10930 and Its Cross-Comparison with MDF”, 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
- 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
- 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
- Nagashima, K., Isobe, H., Yokoyama, T., et al., “Triggering Mechanism for the Filament Eruption on 2005 September 13 in NOAA Active Region 10808”, 2007ApJ...668...533N ADS
- Takasaki, H., Kiyohara, J., Asai, A., et al., “Imaging Spectroscopy of a Gradual Hardening Flare on 2000 November 25”, 2007ApJ...661.1234T ADS
- Fujita, Y., Suzuki, T. K., Kudoh, T., & Yokoyama, T., “The Origin of Ripples in Cool Cores of Galaxy Clusters: Heating by Magnetohydrodynamic Waves?”, 2007ApJ...659L...1F ADS
- Yokoyama, T. & Higuchi, K., “Estimate of Impact Force at Landing on Lunar Surface by SPH Method”, 2007SpT...6...9Y ADS
- Asai, A., Yokoyama, T., Shimojo, M., Masuda, S., & Shibata, K., “Flare Ribbon Expansion and Energy Release”, 2006JApA...27...167A ADS
- Watanabe, N. & Yokoyama, T., “Two-dimensional Magnetohydrodynamic Simulations of Relativistic Magnetic Reconnection”, 2006ApJ...647L.123W ADS
- Nagashima, K. & Yokoyama, T., “Statistical Study of the Reconnection Rate in Solar Flares Observed with Yohkoh SXT”, 2006ApJ...647...654N ADS

- Isobe, H., Miyagoshi, T., Shibata, K., & Yokoyama, T., "Three-Dimensional Simulation of Solar Emerging Flux Using the Earth Simulator I. Magnetic Rayleigh-Taylor Instability at the Top of the Emerging Flux as the Origin of Filamentary Structure", 2006PASJ...58..423I ADS
- Shimojo, M., Yokoyama, T., Asai, A., Nakajima, H., & Shibasaki, K., "One Solar-Cycle Observations of Prominence Activities Using the Nobeyama Radioheliograph 1992-2004", 2006PASJ...58...85 ADS
- Tao, C., Kataoka, R., Fukunishi, H., Takahashi, Y., & Yokoyama, T., "Magnetic field variations in the Jovian magnetotail induced by solar wind dynamic pressure enhancements", 2005JGRA...11011208T ADS
- Terasawa, T., Tanaka, Y. T., Takei, Y., et al., "Repeated injections of energy in the first 600ms of the giant flare of SGR1806 - 20", 2005Natur.434.1110T ADS
- Isobe, H., Miyagoshi, T., Shibata, K., & Yokoyama, T., "Filamentary structure on the Sun from the magnetic Rayleigh-Taylor instability", 2005Natur.434..478I ADS
- Asai, A., Shimojo, M., Yokoyama, T., & Shibata, K., "Downflow motions associated with impulsive nonthermal emissions", 2005ARA0J...7...8A ADS
- Asai, A., Shimojo, M., Yokoyama, T., et al., "Flare ribbon expansion and energy release rate", 2005ARA0J...7...7A ADS
- Miyagoshi, T. & Yokoyama, T., "Magnetohydrodynamic Simulation of Solar Coronal Chromospheric Evaporation Jets Caused by Magnetic Reconnection Associated with Magnetic Flux Emergence", 2004ApJ...614.1042M ADS
- Asai, A., Yokoyama, T., Shimojo, M., et al., "Flare Ribbon Expansion and Energy Release Rate", 2004ApJ...611..557A ADS
- Asai, A., Yokoyama, T., Shimojo, M., & Shibata, K., "Downflow Motions Associated with Impulsive Nonthermal Emissions Observed in the 2002 July 23 Solar Flare", 2004ApJ...605L..77A ADS
- Miyagoshi, T., Yokoyama, T., & Shimojo, M., "Three-Dimensional Magnetohydrodynamic Numerical Simulations of Coronal Loop Oscillations Associated with Flares", 2004PASJ...56..207M 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
- Shibasaki, K., Nakajima, H., Yokoyama, T., Melnikov, V. F., & Stepanov, A. V., "Microwave imaging observation of high-energy electron propagation in a solar flare", in Annual Report of the National Astronomical Observatory of Japan, Vol. 5, 15 2004naoj.book...15S ADS
- Asai, A., Yokoyama, T., Shimojo, M., Masuda, S., & Shibata, K., "Flare Ribbon Expansion and Energy Release Rate", 2004IAUS...223..443A ADS
- Moriyasu, S., Kudoh, T., Yokoyama, T., & Shibata, K., "The Nonlinear Alfvén Wave Model for Solar Coronal Heating and Nano-flares", 2004ApJ...601L.107M ADS
- Isobe, H., Shibata, K., Yokoyama, T., & Imanishi, K., "Hydrodynamic Modeling of a Flare Loop Connecting the Accretion Disk and Central Core of Young Stellar Objects", 2003PASJ...55..967I ADS
- Miyagoshi, T. & Yokoyama, T., "Magnetohydrodynamic Numerical Simulations of Solar X-Ray Jets Based on the Magnetic Reconnection Model That Includes Chromospheric Evaporation", 2003ApJ...593L.133M ADS
- Takasaki, H., Kiyohara, J., Yokoyama, T., et al., "The Spatially Resolved Spectrum Analysis of Gradual Hardening Flare", 2003ICRC....6.3371T ADS
- Asai, A., Yokoyama, T., Shimojo, M., et al., "Evolution of Flare Ribbons and Energy Release", 2003ICRC....6.3367A ADS
- Asai, A., Ishii, T. T., Kurokawa, H., Yokoyama, T., & Shimojo, M., "Evolution of Conjugate Footpoints inside Flare Ribbons during a Great Two-Ribbon Flare on 2001 April 10", 2003ApJ...586..624A ADS
- Kusano, K., Maeshiro, T., Miike, H., Yokoyama, T., & Sakurai, T., "Generation and Annihilation of Helicity in Active Regions", 2003IAUJD...3E..32K ADS
- Tanuma, S., Yokoyama, T., Kudoh, T., & Shibata, K., "Magnetic Reconnection Triggered by the Parker Instability in the Galaxy: Two-dimensional Numerical Magnetohydrodynamic Simulations and Application to the Origin of X-Ray Gas in the Galactic Halo", 2003ApJ...582..215T ADS
- Asai, A., Masuda, S., Yokoyama, T., et al., "Difference between Spatial Distributions of the H α Kernels and Hard X-Ray Sources in a Solar Flare", 2002ApJ...578L..91A ADS
- Shibata, K. & Yokoyama, T., "A Hertzsprung-Russell-like Diagram for Solar/Stellar Flares and Corona: Emission Measure versus Temperature Diagram", 2002ApJ...577..422S ADS
- Isobe, H., Yokoyama, T., Shimojo, M., et al., "Reconnection Rate in the Decay Phase of a Long Duration Event Flare on 1997 May 12", 2002ApJ...566..528I ADS
- Isobe, H., Yokoyama, T., & Shibata, K., "Numerical Simulation of a Protostar Flare Loop between the Core and Disk", 2001JKAS...34..337I ADS
- Tanuma, S., Yokoyama, T., Kudoh, T., & Shibata, K., "Three-Dimensional Numerical Magnetohydrodynamic Simulations of Magnetic Reconnection in the Interstellar Medium", 2001JKAS...34..309T ADS
- Tanuma, S., Yokoyama, T., Kudoh, T., & Shibata, K., "Two-dimensional Magnetohydrodynamic Numerical Simulations of Magnetic Reconnection Triggered by a Supernova Shock in the Interstellar Medium: Generation of X-Ray Gas in the Galaxy", 2001ApJ...551..312T ADS
- Shimojo, M., Shibata, K., Yokoyama, T., & Hori, K., "One-dimensional and Pseudo-Two-dimensional Hydrodynamic Simulations of Solar X-Ray Jets", 2001ApJ...550.1051S ADS
- Yokoyama, T. & Shibata, K., "Magnetohydrodynamic Simulation of a Solar Flare with Chromospheric Evaporation Effect Based on the Magnetic Reconnection Model", 2001ApJ...549.1160Y ADS
- Tanuma, S., Yokoyama, T., Kudoh, T., & Shibata, K., "Three-Dimensional Numerical Magnetohydrodynamic Simulations of Magnetic Reconnection as the Origin of X-ray Gas in the Galaxy", 2001ASPC...251..320T 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
- Magara, T., Chen, P., Shibata, K., & Yokoyama, T., "A Unified Model of Coronal Mass Ejection-related Type II Radio Bursts", 2000ApJ...538L.175M ADS
- Shibata, K. & Yokoyama, T., "Origin of the Universal Correlation between the Flare Temperature and the Emission Measure for Solar and Stellar Flares", 1999ApJ...526L..49S ADS
- Tanuma, S., Yokoyama, T., Kudoh, T., et al., "Magnetic Reconnection as the Origin of Galactic-Ridge X-Ray Emission", 1999PASJ...51..161T ADS
- Hori, K., Yokoyama, T., Kosugi, T., & Shibata, K., "Single and Multiple Solar Flare Loops: Hydrodynamics and Ca XIX Resonance Line Emission", 1998ApJ...500..492H ADS
- Yokoyama, T. & Shibata, K., "A Two-dimensional Magnetohydrodynamic Simulation of Chromospheric Evaporation in a Solar Flare Based on a Magnetic Reconnection Model", 1998ApJ...494L.113Y ADS
- Hori, K., Yokoyama, T., Kosugi, T., & Shibata, K., "Pseudo-Two-dimensional Hydrodynamic Modeling of Solar Flare Loops", 1997ApJ...489..426H ADS
- Magara, T., Shibata, K., & Yokoyama, T., "Evolution of Eruptive Flares. I. Plasmoid Dynamics in Eruptive Flares", 1997ApJ...487..437M ADS
- Yokoyama, T. & Shibata, K., "Magnetic Reconnection Coupled with Heat Conduction", 1997ApJ...474L..61Y ADS
- Ohyama, M., Shibata, K., Yokoyama, T., & Shimojo, M., "X-ray plasma ejections and jets from solar compact flares observed with the YOHKO soft X-ray telescope", 1997AdSpR...19.1849O ADS
- Yokoyama, T. & Shibata, K., "Magnetic reconnection coupled with heat conduction", 1997AdSpR...19.1801Y ADS
- Magara, T., Mineshige, S., Yokoyama, T., & Shibata, K., "Numerical Simulation of Magnetic Reconnection in Eruptive Flares", 1996ApJ...466.1054M ADS
- Yokoyama, T. & Shibata, K., "Numerical Simulation of Solar Coronal X-Ray Jets Based on the Magnetic Reconnection Model", 1996PASJ...48..353Y ADS
- Yokoyama, T. & Shibata, K., "Magnetic Reconnection Coupled with Heat Conduction", 1996ASPC...111..274Y ADS
- Yokoyama, T. & Shibata, K., "Magnetic reconnection as the origin of X-ray jets and H α surges on the Sun", 1995Natur.375...42Y ADS
- Yokoyama, T.: 1995, "Magnetohydrodynamic simulation of solar coronal X-ray jets based on magnetic reconnection model", Ph.D. thesis, Graduate University for Advanced Studies, Japan 1995PhDT.....85Y ADS
- Yokoyama, T. & Shibata, K., "Numerical simulation of magnetic reconnection associated with emerging flux in the solar atmosphere.", 1993ppcn.conf..203Y ADS