

10.3 天文台出版物

CONTRIBUTIONS FROM THE KWASAN AND HIDA OBSERVATORIES

- No. 375** Akabane, T., Nakakushi, T., Iwasaki, K., & Larson, S. M.
Diurnal variation of Martian water-ice clouds in Tharsis region of the low latitude cloud belt: Observations in 1995-1999 apparitions, A&A, 384, 678
- No. 376** Kurokawa, H., Wang, T.J., & Ishii, T.T.
Emergence and Drastic Break-Down of a Twisted Flux Rope to Trigger Strong Solar Flares in the Active Region NOAA 9026, ApJ, 572, 598
- No. 377** Wang, T., Yan, Y., Wang, J., Kurokawa, H., & Shibata, K.
The Large Scale Coronal Field Structure and Source-Region Features for a Halo CME, ApJ, 572, 580
- No. 378** Nakakushi, T., Akabane, T., Iwasaki, K., & Larson, S. M.
Mars: Dissipating behavior of the cloud belt, PASJ, 54, L31
- No. 379** Narukage, N., Hudson, H. S., Morimoto, T., Akiyama, S., Kitai, R., Kurokawa, H., & Shibata, K.
Simultaneous Observation of a Moreton Wave on Nov. 3, 1997 in $H\alpha$ and Soft X-rays, ApJL, 572, L109
- No. 380** Nogami, D., Kato, T., & Baba, H.
Time-Resolved Photometry of GK Persei during the 1996 Outburst, PASJ, 54, 987
- No. 381** Shibata, K. & Yokoyama, T.
A HR like Diagram for Solar/Stellar Flares and Corona – Emission Measure vs Temperature Diagram, ApJ, 577, 422
- No. 382** Asai, A., Shimojo, M., Isobe, H., Morimoto, T., Yokoyama, T., Shibasaki, K., & Nakajima, H.
Periodic Acceleration of Electrons in the 1998 November 10 Solar Flare, ApJL, 562, L103 (2001)
- No. 383** Isobe, H., Yokoyama, T., Shimojo, M., Morimoto, T., Kozu, H., Eto, S., Narukage, N., & Shibata, K.
Reconnection Rate in the Decay Phase of an LDE Flare on 1997 May 12, ApJ, 566, 528
- No. 384** Eto, S., Isobe, H., Narukage, N., Morimoto, T., Thompson, B., Yashiro, S., Asai, A., Wang, T., Kitai, R., Kurokawa, H., & Shibata, K.
Relation between Moreton Wave and EIT Wave Observed on November 4, 1997, PASJ, 54, 481
- No. 385** Shibata, K.
Solar Flares, Jets, and Helicity, in Magnetic Helicity in Space and Laboratory Plasmas, AGU Monograph 111, 229

- No. 386** Koide, S., Shibata, K., & Kudoh, T.
Relativistic Jet Formation from Black Hole Magnetized Accretion Disks: Methods, Tests, and Applications of a General Relativistic Magnetohydrodynamic Numerical Code, *ApJ*, 522, 727
- No. 387** Magara, T., & Kitai, R.
Photospheric and Chromospheric Gas Motions around a Dark Filament, *ApJ*, 524, 469
- No. 388** Koide, S., Meier, D., Kudoh, T., & Shibata, K.
General Relativistic Simulations of Jet Formation in a Rapidly Rotating Black Hole Magnetosphere, *ApJ*, 536, 668
- No. 389** Chou, W., Matsumoto, R., Tajima, T., Umekawa, M., & Shibata, K.
Dynamics of the Parker-Jeans Instability in a Galactic Gaseous Disk, *ApJ*, 538, 710
- No. 390** Shimojo, M., & Shibata, K.
Physical Parameters of X-ray Jets, *ApJ*, 541, 1100
- No. 391** Magara, T., Chen, P. F., Shibata, K., & Yokoyama, T.
A Unified Model for Coronal Mass Ejection-Related Type II Radio Bursts, *ApJL*, 538, L175
- No. 392** Kuwabara, T., Shibata, K., Kudoh, T., & Matsumoto, R.
Resistive Magnetohydrodynamic Simulations of Jet Formation and Magnetically Driven Accretion, *PASJ*, 52, 1109
- No. 393** Takeuchi, A. & Shibata, K.
Magnetic Reconnection induced by Convective Intensification of Solar Photospheric Magnetic Fields, *ApJ L*, 546, L73
- No. 394** Yokoyama, T., & Shibata, K.
Magnetohydrodynamic Simulation of a Solar Flare with Chromospheric Evaporation Based on Magnetic Reconnection Model, *ApJ*, 549, 1160
- No. 395** Yashiro, S. & Shibata, K.
Relation between Thermal and Magnetic Properties of Active Regions as a Probe of Coronal Heating Mechanism, *ApJL*, 550, L113
- No. 396** Shimojo, M., Shibata, K., Yokoyama, T., & K. Hori
One-dimensional and Pseudo-two-dimensional Hydrodynamic Simulations of Solar X-ray Jets, *ApJ*, 550, 1051
- No. 397** Nitta, S., Tanuma, S., Shibata, K., & Maezawa, K.
Fast Magnetic Reconnection in Free Space: Self-similar Evolution Process, *ApJ*, 550, 1119
- No. 398** Tanuma, S., Yokoyama, T., Kudoh, T., & Shibata, K.
Two-Dimensional Magnetohydrodynamic Numerical Simulations of Magnetic Reconnection Triggered by a Supernova Shock in Interstellar Medium: Generation of X-Ray Gas in Galaxy *ApJ*, 551, 312,

- No. 399** Saito, T., Kudoh, T., & Shibata, K.
What determines the height of spicules? I. Alfven wave model & slow wave model, *ApJ*, 554, 1151
- No. 400** Kundou, M. R., Nindos, A., Vilmer, N., Klein, K.-L., Shibata, K., & Ohyama, M.
Metric Radio Emission Associated with X-Ray Plasmoid Ejections, *ApJ*, 559, 443
- No. 401** Takeuchi, A., & Shibata, K.
Solar Photospheric Magnetic Reconnection, *Earth Plasma Space*, 53, 605
- No. 402** Kato, T., Matsumoto, K., Nogami, D., Marikawa, K., & Kiyota, S.
1998 Superoutburst of the Large-Amplitude SU UMa-Type Dwarf Nova WX Ceti *PASJ*, 53, 893
- No. 403** Kato, T., Nogami, D., & Baba, H.
The 1996-1997 Fading of V651 Monocerotis, the Binary Central Star of the Planetary Nubula NGC 2346 *PASJ*, 53, 901
- No. 404** Kudoh, T., Matsumoto, R., & Shibata, K.
Effect of a Magneto-Rotational Instability on Jets from Accretion Disks, *PASJ*, 54, 121
- No. 405** Kudoh, T., Matsumoto, R., & Shibata, K.
Are Jets ejected from locally magnetized accretion disks ? *PASJ*, 54, 267
- No. 406** Kato, S. X., Kudoh, T., & Shibata, K.
2.5-Dimensional Nonsteady Magnetohydrodynamic Simulations of Magnetically Driven Jets from Geometrically Thin Disk, *ApJ*, 565, 1035
- No. 407** Liu, B. F., Mineshige, S., & Shibata, K.
A Simple Model for Magnetic Reconnection Heated Corona, *ApJL*, 572, L173
- No. 408** Chen, P. F., Wu, S. T., Shibata, K., & Fang, C.
Evidence of EIT and Moreton Waves in Numerical Simulations, *ApJL*, 572, L99
- No. 409** Koide, S., Shibata, K., Kudoh, T., & Meier, D. L.
Extraction of Black Hole Rotational Energy by a Magnetic Field and the Formation of Relativistic Jets, *Science*, 295, 1688
- No. 410** Baba, H. et al. (with Nogami, D.)
Spiral Structure in WZ Sagittae around the 2001 Outburst Maximum, *PASJ*, 54, L7
- No. 411** Kato, T., Baba, H., & Nogami, D.
IR Com: Deeply Eclipsing Dwarf Nova Below the Period Gap – A Twin of HT Cas ?, *PASJ*, 54, 79
- No. 412** Uemura, M. et al. (with Nogami, D.)
Optical Observations of XTE J1118 + 480 during the 2000 Outburst, *PASJ*, 54, 285
- No. 413** Kato, T., Nogami, D., & Masuda, S.
Extended Deep Minimum and Subsequent Brightening of RX And in 1996-1997, *PASJ*, 54, 575

- No. 414** Shimojo, M., Kurokawa, H., & Yoshimura, K.
Dynamical Features and Evolutional Characteristics of Brightening Coronal Loops, *Solar Phys.*, 206, 133
- No. 415** Asai, A., Masuda, S., Yokoyama, T., Shimojo, M., Isobe, H., Kurokawa, H., & Shibata, K.
Difference between Spatial Distribution of the $H\alpha$ Kernels and Hard X-ray Sources in a Solar Flare, *ApJL*, 578, L91
- No. 416** Yamamoto, T. T., Shiota, D., Sakajiri, T., Akiyama, S., Isobe, H., & Shibata, K.
Analysis of Temperature and Emission Measure of Solar Coronal Arcades, and Test of a Scaling Law of Flare/Arcade Loop Length, *ApJL*, 579, L45
- No. 417** Nitta, S., Tanuma, S., & Maezawa, K.
Self-Similar Solution of Fast Magnetic Reconnection: Semi-Analytic Study of Inflow Region, *ApJ*, 580, 538
- No. 418** Isobe, H., Shibata, K., & Machida, S.
"Dawn-Dusk Asymmetry" in Solar Coronal Arcade Formations, *Geophysical Research Letters*, 29, 21, 2014
- No. 419** Takeuchi, T., Shibai, H., & Ishii, T. T.
Simulations of the Infrared Galaxy Number Counts and the Cosmic Infrared Background, *Adv. in Space Res.*, 30, 9, 2021
- No. 420** Kurokawa, H.
Study of Energy Build-up in Solar Flares, *Journal of the Communications Research Laboratory*, 49, 3, 5
- No. 421** A. Asai, S. Masuda, T. Yokoyama, M. Shimojo, H. Kurokawa, K. Shibata, T.T. Ishii, R. Kitai, H. Isobe, & K. Yaji
Fine Structure inside Flare Ribbons and its Temporal Evolution, in *Proc. of the COSPAR Colloquia Series 13*, 221
- No. 422** Kurokawa, H., Ishii, T.T., Wang, T.J., & Shine, R.
Pre-flare Heating Around the Temperature Minimum Region Found Right Prior to an X-class Flare, in *Proc. of the COSPAR Colloquia Series 13*, 257