

## Bibliography from ADS file: takasao.bib

September 14, 2022

- Nakatani, R. & Takasao, S., “Anatomy of Photoevaporation Base: Linking the Property of the Launched Wind to Irradiation Flux”, 2022ApJ...930..124N [ADS](#)
- Cheung, M. C. M., Martínez-Sykora, J., Testa, P., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). II. Flares and Eruptions”, 2022ApJ...926..53C [ADS](#)
- Takasao, S., Shuto, Y., & Wada, K., “Spontaneous Formation of Outflows Powered by Rotating Magnetized Accretion Flows in a Galactic Center”, 2022ApJ...926..50T [ADS](#)
- Cheung, C. M. M., Martínez-Sykora, J., Testa, P., et al., “Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE): II. Flares and Eruptions”, 2021AGUFMSH51A..08C [ADS](#)
- Shoda, M. & Takasao, S., “Modeling the corona and XUV emission from the Sun and Sun-like stars”, 2021AGUFM.P55D1960S [ADS](#)
- Shoda, M. & Takasao, S., “Corona and XUV emission modelling of the Sun and Sun-like stars”, 2021A&A...656A.111S [ADS](#)
- Takasao, S., Aoyama, Y., & Ikoma, M., “Hydrodynamic Model of H $\alpha$  Emission from Accretion Shocks of a Proto-giant Planet and Circumplanetary Disk”, 2021ApJ...921..10T [ADS](#)
- Zhong, Y., Kashiyama, K., Shigeyama, T., & Takasao, S., “A Necessary Condition for Supernova Fallback Invading Newborn Neutron-star Magnetosphere”, 2021ApJ...917..71Z [ADS](#)
- Takasao, S., Tomida, K., Iwasaki, K., & Suzuki, T., “3D MHD simulations of an accreting young star”, 2021csss.confE.282T [ADS](#)
- Pucci, F., Tomida, K., Stone, J., et al., “Transition Region from Turbulent to Dead Zone in Protoplanetary Disks: Local Shearing Box Simulations”, 2021ApJ...907..13P [ADS](#)
- Anan, T., Yoneya, T., Ichimoto, K., et al., “Estimation of Low-energy Cut-off of Non-thermal Electrons from a Spectro-polarimetric Observation”, 2020AGUFMSH0430015A [ADS](#)
- Takasao, S., Mitsuishi, I., Shimura, T., et al., “Investigation of Coronal Properties of X-Ray Bright G-dwarf Stars Based on the Solar Surface Magnetic Field-Corona Relationship”, 2020ApJ...901..70T [ADS](#)
- Hashimoto, J., Aoyama, Y., Konishi, M., et al., “Accretion Properties of PDS 70b with MUSE”, 2020AJ....159..222H [ADS](#)
- Takasao, S., Tomida, K., Iwasaki, K., & Suzuki, T. K., “3D simulations of accretion onto a star: Fast funnel-wall accretion”, 2020IAUGA..30..138T [ADS](#)
- Toriumi, S., Takasao, S., Cheung, M. C. M., et al., “Comparative Study of Data-driven Solar Coronal Field Models Using a Flux Emergence Simulation as a Ground-truth Data Set”, 2020ApJ...890..103T [ADS](#)
- Toriumi, S., Takasao, S., Cheung, C. M. M., et al., “Comparative Study of Data-driven Coronal Field Models with a Ground-truth Flux Emergence Simulation”, 2019AGUFMSH34B..04T [ADS](#)
- Takasao, S., Tomida, K., Iwasaki, K., & Suzuki, T. K., “Giant Protostellar Flares: Accretion-driven Accumulation and Reconnection-driven Ejection of Magnetic Flux in Protostars”, 2019ApJ...878L..10T [ADS](#)
- Matsumoto, T., Miyoshi, T., & Takasao, S., “A New HLLD Riemann Solver with Boris Correction for Reducing Alfvén Speed”, 2019ApJ...874..37M [ADS](#)
- Anan, T., Yoneya, T., Ichimoto, K., et al., “Measurement of vector magnetic field in a flare kernel with a spectropolarimetric observation in He I 10830 Å”, 2018PASJ...70..101A [ADS](#)
- Takasao, S., “Fast Accretion into a Weakly Magnetized Star”, 2018tcl..confE..52T [ADS](#)
- Takasao, S., Tomida, K., Iwasaki, K., & Suzuki, T. K., “A Three-dimensional Simulation of a Magnetized Accretion Disk: Fast Funnel Accretion onto a Weakly Magnetized Star”, 2018ApJ...857..4T [ADS](#)
- McLaughlin, J. A., Nakariakov, V. M., Dominique, M., Jelínek, P., & Takasao, S., “Modelling Quasi-Periodic Pulsations in Solar and Stellar Flares”, 2018SSRv..214..45M [ADS](#)
- Toriumi, S. & Takasao, S., “Numerical Modeling of Flare-productive Active Regions of the Sun”, 2017AGUFMSH43C..07T [ADS](#)
- Toriumi, S. & Takasao, S., “Numerical Simulations of Flare-productive Active Regions: δ-sunspots, Sheared Polarity Inversion Lines, Energy Storage, and Predictions”, 2017ApJ...850..39T [ADS](#)
- Takasao, S., Suzuki, T. K., & Shibata, K., “A Theoretical Model of X-Ray Jets from Young Stellar Objects”, 2017ApJ...847..46T [ADS](#)
- Cabezas, D. P., Martínez, L. M., Buleje, Y. J., et al., “textquotedblleft Dandelion textquotedblright Filament Eruption and Coronal Waves Associated with a Solar Flare on 2011 February 16”, 2017ApJ...836..33C [ADS](#)
- Takasao, S., Asai, A., Isobe, H., & Shibata, K., “Observational Evidence of Particle Acceleration Associated with Plasmoid Motions”, 2016ApJ...828..103T [ADS](#)
- Takasao, S. & Shibata, K., “Above-the-loop-top Oscillation and Quasi-periodic Coronal Wave Generation in Solar Flares”, 2016ApJ...823..150T [ADS](#)
- Hillier, A., Takasao, S., & Nakamura, N., “The formation and evolution of reconnection-driven, slow-mode shocks in a partially ionised plasma”, 2016A&A...591A.112H [ADS](#)
- Shibata, K. & Takasao, S., “Fractal Reconnection in Solar and Stellar Environments”, 2016ASSL..427..373S [ADS](#)
- Takasao, S., Fan, Y., Cheung, M. C. M., & Shibata, K., “Numerical Study on the Emergence of Kinked Flux Tube for Understanding of Possible Origin of δ-spot Regions”, 2015ApJ...813..112T [ADS](#)
- Takeshige, S., Takasao, S., & Shibata, K., “A Theoretical Model of a Thinning Current Sheet in the Low-β Plasmas”, 2015ApJ...807..159T [ADS](#)
- Takasao, S., Matsumoto, T., Nakamura, N., & Shibata, K., “Magnetohydrodynamic Shocks in and above Post-flare Loops: Two-dimensional Simulation and a Simplified Model”, 2015ApJ...805..135T [ADS](#)
- Ishitsuka, J., Asai, A., Morita, S., et al., “Within the International Collaboration CHAIN: a Summary of Events Observed with Flare Monitoring Telescope (FMT) in Peru”, 2014SunGe...9..85I [ADS](#)
- Takasao, S. & Fan, Y., “Numerical Experiments of Flux Emergence of Kinked Flux Tubes into Solar Atmosphere”, 2014cosp...40E3280T [ADS](#)
- Takasao, S., Isobe, H., & Shibata, K., “Numerical Simulations of Solar Chromospheric Jets Associated with Emerging Flux”, 2013PASJ...65..62T [ADS](#)
- Takasao, S., Asai, A., Isobe, H., & Shibata, K., “Dynamic Features of Current Sheet Associated with the 2010 August 18 Solar Flare”, 2012ASPC..456..221T [ADS](#)
- Takasao, S., Asai, A., Isobe, H., & Shibata, K., “Observation of Dynamic Features of Current Sheet Associated with 2010 August 18 Solar Flare”, 2012decs.confE..93T [ADS](#)
- Takasao, S., Asai, A., Isobe, H., & Shibata, K., “Simultaneous Observation of Reconnection Inflow and Outflow Associated with the 2010 August 18 Solar Flare”, 2012ApJ...745L..6T [ADS](#)