

List of Publications

Kohji Tomisaka

ORCID ID: 0000-0003-2726-0892

ResearcherID: E-6508-2013

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Refereed Journal

- [114]. An Extremely Young Protostellar Core, MMS 1 / OMC-3: Episodic Mass Accretion History Traced by the Micro SiO Jet, 2024, Mar., *Astrophysical Journal*, **964**, 48(14pp), by S. Takahashi, M.N. Machida, M. Omura, D. Johnstone, N. Harada, **K. Tomisaka**, K. Saigo, P.T.P. Ho, L.A. Zapata, S. Mairs, G.J.Herczeg, Y. Liu, K.Taniguchi, and A. Sato ([doi:10.3847/1538-4357/ad2268](https://doi.org/10.3847/1538-4357/ad2268); [arXiv:2401.13204](https://arxiv.org/abs/2401.13204))
- [113]. Dust Polarization of Prestellar and Protostellar Sources in OMC-3, 2024, Mar., *Astrophysical Journal*, **963**, 104(33pp), by Y. Liu, S. Takahashi, M.N. Machida, **K. Tomisaka**, J.M.Girart, K. Nakanishi, P.T.P. Ho, and A. Sato ([doi:10.3847/1538-4357/ad182d](https://doi.org/10.3847/1538-4357/ad182d); [arXiv:2312.13573](https://arxiv.org/abs/2312.13573))
- [112]. Filamentary Network and Magnetic Field Structures Revealed with BISTRO in the High-Mass Star-Forming Region NGC2264 – Global Properties and Local Magneto-Gravitational Configurations, 2024, Feb., *Astrophysical Journal*, **962**, 136(34pp), by J.-W. Wang, P.M. Koch, S.D. Clarke, et al.(BISTRO Team) ([doi:10.3847/1538-4357/ad165b](https://doi.org/10.3847/1538-4357/ad165b); [arXiv:2401.12728](https://arxiv.org/abs/2401.12728))
- [111]. Simulation of Head-on Collisions between Filamentary Molecular Clouds Threaded by a Lateral Magnetic Field and Subsequent Evolution, 2023, Aug., *Astrophysical Journal*, **954**, 129(18pp), by R. Kashiwagi, K. Iwasaki, and **K. Tomisaka** ([doi:10.3847/1538-4357/ace7bd](https://doi.org/10.3847/1538-4357/ace7bd); [arXiv:2307.07698](https://arxiv.org/abs/2307.07698))
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- [109]. First BISTRO Observations of the Dark Cloud Taurus L1495A-B10: the Role of the Magnetic Field in the Earliest Stages of Low-mass Star Formation, 2023, April, *Astrophysical Journal*, **946**, 62(12pp), by D. Ward-Thompson, et al.(BISTRO Team) ([doi:10.3847/1538-4357/acbea4](https://doi.org/10.3847/1538-4357/acbea4); [arXiv:2302.12058](https://arxiv.org/abs/2302.12058))
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- [106]. The JCMT BISTRO-2 Survey: Magnetic Fields of the Massive DR21 Filament, 2022, Dec., *Astrophysical Journal*, **941**, 122(21pp), by Tao-Chung Ching, et al. (BISTRO Team) ([doi:10.3847/1538-4357/ac9dfb](https://doi.org/10.3847/1538-4357/ac9dfb); [arXiv:2212.01981](https://arxiv.org/abs/2212.01981))
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As of March 18, 2024, I have published 114 refereed papers, and 43 proceeding papers. In addition, I have edited 5 books.

* represents no proceedings.