

Yusuke Tsukamoto

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. <i>Astrophysical Journal</i> , 2022, 926, 163. | 4.5 | 16 |
| 2 | Formation of “Blanets” from Dust Grains around the Supermassive Black Holes in Galaxies. <i>Astrophysical Journal</i> , 2021, 909, 96. | 4.5 | 7 |
| 3 | The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. <i>Astrophysical Journal Letters</i> , 2021, 912, L27. | 8.3 | 21 |
| 4 | Conditions for Justifying Single-fluid Approximation for Charged and Neutral Dust Fluids and a Smoothed Particle Magnetohydrodynamics Method for Dust “Gas Mixture. <i>Astrophysical Journal</i> , 2021, 913, 148. | 4.5 | 15 |
| 5 | A new formation scenario of a counter-rotating circumstellar disk: Spiral-arm accretion from a circumbinary disk in a triple protostar system. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, L25-L30. | 2.5 | 3 |
| 6 | Misaligned Circumstellar Disks and Orbital Motion of the Young Binary XZ Tau. <i>Astrophysical Journal</i> , 2021, 919, 55. | 4.5 | 6 |
| 7 | “Ashfall” Induced by Molecular Outflow in Protostar Evolution. <i>Astrophysical Journal Letters</i> , 2021, 920, L35. | 8.3 | 27 |
| 8 | Star “disc alignment in the protoplanetary discs: SPH simulation of the collapse of turbulent molecular cloud cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5641-5654. | 4.4 | 19 |
| 9 | Early Evolution of Disk, Outflow, and Magnetic Field of Young Stellar Objects: Impact of Dust Model. <i>Astrophysical Journal</i> , 2020, 896, 158. | 4.5 | 22 |
| 10 | The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. <i>Astrophysical Journal</i> , 2020, 899, 28. | 4.5 | 39 |
| 11 | JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42. | 4.5 | 42 |
| 12 | The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43. | 4.5 | 38 |
| 13 | The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88. | 4.5 | 37 |
| 14 | Dependence of Hall coefficient on grain size and cosmic ray rate and implication for circumstellar disc formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2119-2136. | 4.4 | 22 |
| 15 | Pebble accretion in Class 0/I YSOs as a possible pathway for early planet formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1574-1588. | 4.4 | 11 |
| 16 | Planet Formation around Supermassive Black Holes in the Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 886, 107. | 4.5 | 19 |
| 17 | Does Misalignment between Magnetic Field and Angular Momentum Enhance or Suppress Circumstellar Disk Formation?. <i>Astrophysical Journal</i> , 2018, 868, 22. | 4.5 | 28 |
| 18 | A First Look at BISTRO Observations of the ρ Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4. | 4.5 | 46 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65. | 4.5 | 51 |
| 20 | First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66. | 4.5 | 79 |
| 21 | The impact of the Hall effect during cloud core collapse: Implications for circumstellar disk evolution. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, . | 2.5 | 57 |