

Yusuke Tsukamoto

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

606
citations

567281

15
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
2	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
3	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
4	A First Look at BISTRO Observations of the ρ -Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
5	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
6	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
7	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ -Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
8	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
9	Does Misalignment between Magnetic Field and Angular Momentum Enhance or Suppress Circumstellar Disk Formation?. <i>Astrophysical Journal</i> , 2018, 868, 22.	4.5	28
10	α -Induced by Molecular Outflow in Protostar Evolution. <i>Astrophysical Journal Letters</i> , 2021, 920, L35.	8.3	27
11	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
12	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
13	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
14	Planet Formation around Supermassive Black Holes in the Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 886, 107.	4.5	19
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Formation of “Blanets” from Dust Grains around the Supermassive Black Holes in Galaxies. <i>Astrophysical Journal</i> , 2021, 909, 96.	4.5	7
20	Misaligned Circumstellar Disks and Orbital Motion of the Young Binary XZ Tau. <i>Astrophysical Journal</i> , 2021, 919, 55.	4.5	6
21	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