

Hiroko Shinnaga

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,080
citations

430874

18
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	FOREST unbiased Galactic plane imaging survey with the Nobeyama 45m telescope (FUGIN). I. Project overview and initial results. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	124
2	The JCMT BISTRO Survey: The Magnetic Field Strength in the Orion A Filament. Astrophysical Journal, 2017, 846, 122.	4.5	103
3	THE MAGNETIC FIELD MORPHOLOGY OF THE CLASS 0 PROTOSTAR L1157-mm. Astrophysical Journal Letters, 2013, 769, L15.	8.3	82
4	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. Astrophysical Journal, 2017, 842, 66.	4.5	79
5	The Survey of Water and Ammonia in the Galactic Center (SWAG): Molecular Cloud Evolution in the Central Molecular Zone. Astrophysical Journal, 2017, 850, 77.	4.5	71
6	CLUSTER FORMATION TRIGGERED BY FILAMENT COLLISIONS IN SERPENS SOUTH. Astrophysical Journal Letters, 2014, 791, L23.	8.3	61
7	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. Astrophysical Journal, 2018, 861, 65.	4.5	51
8	The TOP-SCOPE Survey of Planck Galactic Cold Clumps: Survey Overview and Results of an Exemplar Source, PGCC G26.53+0.17. Astrophysical Journal, Supplement Series, 2018, 234, 28.	7.7	50
9	A First Look at BISTRO Observations of the Oph-A core. Astrophysical Journal, 2018, 859, 4.	4.5	46
10	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
11	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
12	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
13	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
14	MAGNETIC FIELDS AND INFALL MOTIONS IN NGC 1333 IRAS 4. Astrophysical Journal, 2009, 702, 1584-1592.	4.5	33
15	The Initial Conditions for Gravitational Collapse of a Core: An Extremely Young Low-Mass Class 0 Protostar GF 9. Astrophysical Journal, 2006, 653, 1369-1390.	4.5	28
16	Does the Magnetic Field Suppress Fragmentation in Massive Dense Cores?. Astrophysical Journal, 2021, 912, 159.	4.5	26
17	ALMA CN Zeeman Observations of AS 209: Limits on Magnetic Field Strength and Magnetically Driven Accretion Rate. Astrophysical Journal, 2021, 908, 141.	4.5	22
18	The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. Astrophysical Journal Letters, 2021, 912, L27.	8.3	21

#	ARTICLE	IF	CITATIONS
19	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
20	Observations of Magnetic Fields Surrounding LkH $\hat{\pm}$ 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
21	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
22	Z45: A new 45-GHz band dual-polarization HEMT receiver for the NRO 45-m radio telescope. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	2.5	15
23	Molecular Cloud Cores with a High Deuterium Fraction: Nobeyama Single-pointing Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 33.	7.7	15
24	The JCMT BISTRO Survey: An 850/450 $\hat{\mu}$ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
25	A DYNAMICALLY COLLAPSING CORE AND A PRECURSOR OF A CORE IN A FILAMENT SUPPORTED BY TURBULENT AND MAGNETIC PRESSURES. <i>Astrophysical Journal</i> , 2014, 793, 94.	4.5	9
26	Low-Mass Star-Forming Cores in the GF9 Filament. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, 421-428.	2.5	7
27	The JCMT BISTRO Survey: multiwavelength polarimetry of bright regions in NGC 2071 in the far-infrared/submillimetre range, with POL-2 and HAWC+. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1985-2002.	4.4	7
28	Molecular Cloud Cores with High Deuterium Fractions: Nobeyama Mapping Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 25.	7.7	5
29	SPECTROSCOPIC EVIDENCE FOR GAS INFALL IN GF 9-2. <i>Astrophysical Journal</i> , 2009, 692, L96-L99.	4.5	5
30	A 1000 au Scale Molecular Outflow Driven by a Protostar with an Age of $\hat{\approx}$ 24000 yr. <i>Astrophysical Journal</i> , 2019, 871, 137.	4.5	2