Gwanjeong Kim

List of Publications by Year
in descending order

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35	771	516710 16	526287 27
papers	citations	h-index	g-index

36	36	36	634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. Astrophysical Journal, 2017, 842, 66.	4.5	79
2	A Holistic Perspective on the Dynamics of G035.39-00.33: The Interplay between Gas and Magnetic Fields. Astrophysical Journal, 2018, 859, 151.	4.5	57
3	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. Astrophysical Journal, 2018, 861, 65.	4.5	51
4	A First Look at BISTRO Observations of the Ï•Oph-A core. Astrophysical Journal, 2018, 859, 4.	4.5	46
5	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
6	JCMT BISTRO Survey Observations of the Ophiuchus Molecular Cloud: Dust Grain Alignment Properties Inferred Using a Ricean Noise Model. Astrophysical Journal, 2019, 880, 27.	4.5	40
7	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. Astrophysical Journal, 2020, 899, 28.	4.5	39
8	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core <i>Ï‹/i> Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
9	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. Astrophysical Journal, 2019, 883, 95.	4.5	38
10	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
11	EARLY STAR-FORMING PROCESSES IN DENSE MOLECULAR CLOUD L328; IDENTIFICATION OF L328-IRS AS A PROTO-BROWN DWARF. Astrophysical Journal, 2013, 777, 50.	4.5	30
12	Magnetic field structure around cores with very low luminosity objects. Astronomy and Astrophysics, 2015, 573, A34.	5.1	23
13	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). II. Survey Overview: A First Look at 1.3 mm Continuum Maps and Molecular Outflows. Astrophysical Journal, Supplement Series, 2020, 251, 20.	7.7	22
14	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
15	The JCMT BISTRO Survey: The Distribution of Magnetic Field Strengths toward the OMC-1 Region. Astrophysical Journal, 2021, 913, 85.	4.5	19
16	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). I. Detection of New Hot Corinos with the ACA. Astrophysical Journal, 2020, 898, 107.	4.5	18
17	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of Extremely High-density Compact Structure of Prestellar Cores and Multiple Substructures Within. Astrophysical Journal Letters, 2021, 907, L15.	8.3	16
18	Observations of Magnetic Fields Surrounding LkHÎ± 101 Taken by the BISTRO Survey with JCMT-POL-2. Astrophysical Journal, 2021, 908, 10.	4.5	16

#	Article	IF	Citations
19	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. Astrophysical Journal, 2022, 926, 163.	4.5	16
20	Molecular Cloud Cores with a High Deuterium Fraction: Nobeyama Single-pointing Survey. Astrophysical Journal, Supplement Series, 2020, 249, 33.	7.7	15
21	The JCMT BISTRO Survey: An 850/450 Î¼m Polarization Study of NGC 2071IR in Orion B. Astrophysical Journal, 2021, 918, 85.	4.5	13
22	ALMA ACA and Nobeyama Observations of Two Orion Cores in Deuterated Molecular Lines. Astrophysical Journal, 2020, 895, 119.	4.5	13
23	TRAO Survey of Nearby Filamentary Molecular Clouds, the Universal Nursery of Stars (TRAO FUNS). I. Dynamics and Chemistry of L1478 in the California Molecular Cloud. Astrophysical Journal, 2019, 877, 114.	4.5	12
24	CO Outflow Survey of 68 Very Low Luminosity Objects: A Search for Proto-brown-dwarf Candidates. Astrophysical Journal, Supplement Series, 2019, 240, 18.	7.7	11
25	A SEARCH FOR VERY LOW-LUMINOSITY OBJECTS IN GOULD BELT CLOUDS. Astrophysical Journal, Supplement Series, 2016, 225, 26.	7.7	9
26	Probing the magnetic fields in L1415 and L1389. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2403-2418.	4.4	9
27	High-resolution ALMA Study of the Proto-brown-dwarf Candidate L328-IRS. Astrophysical Journal, 2018, 865, 131.	4.5	8
28	CS Depletion in Prestellar Cores. Astrophysical Journal, 2020, 891, 169.	4.5	8
29	First Sub-parsec-scale Mapping of Magnetic Fields in the Vicinity of a Very-low-luminosity Object, L1521F-IRS. Astrophysical Journal, 2019, 883, 9.	4.5	7
30	Molecular Cloud Cores with High Deuterium Fractions: Nobeyama Mapping Survey. Astrophysical Journal, Supplement Series, 2021, 256, 25.	7.7	5
31	Gas Infalling Motions in the Envelopes of Very Low Luminosity Objects. Astrophysical Journal, 2021, 910, 112.	4.5	4
32	Planck Galactic Cold Clumps at High Galactic Latitudeâ€”a Study with CO Lines. Astrophysical Journal, 2021, 920, 103.	4.5	4
33	Mid-J CO Line Observations of Protostellar Outflows in the Orion Molecular Clouds. Astrophysical Journal, Supplement Series, 2021, 255, 2.	7.7	3
34	Nobeyama Survey of Inward Motions toward Cores in Orion Identified by SCUBA-2. Astrophysical Journal, 2022, 931, 33.	4.5	2
35	Submillimeter Continuum Variability in Planck Galactic Cold Clumps. Astrophysical Journal, Supplement Series, 2019, 242, 27.	7.7	0