

Woojin Kwon

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,853
citations

117625

34
h-index

175258

52
g-index

70
all docs

70
docs citations

70
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	CONSTRAINTS ON THE RADIAL VARIATION OF GRAIN GROWTH IN THE AS 209 CIRCUMSTELLAR DISK. <i>Astrophysical Journal Letters</i> , 2012, 760, L17.	8.3	192
2	TADPOL: A 1.3 mm SURVEY OF DUST POLARIZATION IN STAR-FORMING CORES AND REGIONS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 213, 13.	7.7	177
3	MISALIGNMENT OF MAGNETIC FIELDS AND OUTFLOWS IN PROTOSTELLAR CORES. <i>Astrophysical Journal</i> , 2013, 768, 159.	4.5	130
4	ALMA Reveals Transition of Polarization Pattern with Wavelength in HL Tau's Disk. <i>Astrophysical Journal</i> , 2017, 851, 55.	4.5	116
5	Spatially resolved magnetic field structure in the disk of a T Tauri star. <i>Nature</i> , 2014, 514, 597-599.	27.8	111
6	Four annular structures in a protostellar disk less than 500,000 years old. <i>Nature</i> , 2020, 586, 228-231.	27.8	109
7	The JCMT BISTRO Survey: The Magnetic Field Strength in the Orion A Filament. <i>Astrophysical Journal</i> , 2017, 846, 122.	4.5	103
8	GRAIN GROWTH AND DENSITY DISTRIBUTION OF THE YOUNGEST PROTOSTELLAR SYSTEMS. <i>Astrophysical Journal</i> , 2009, 696, 841-852.	4.5	101
9	ALIGNMENT BETWEEN FLATTENED PROTOSTELLAR INFALL ENVELOPES AND AMBIENT MAGNETIC FIELDS. <i>Astrophysical Journal</i> , 2013, 770, 151.	4.5	90
10	A SUB-ARCSECOND SURVEY TOWARD CLASS 0 PROTOSTARS IN PERSEUS: SEARCHING FOR SIGNATURES OF PROTOSTELLAR DISKS. <i>Astrophysical Journal</i> , 2015, 805, 125.	4.5	83
11	THE MAGNETIC FIELD MORPHOLOGY OF THE CLASS 0 PROTOSTAR L1157-mm. <i>Astrophysical Journal Letters</i> , 2013, 769, L15.	8.3	82
12	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
13	Imaging Scattered Light from the Youngest Protostars in L1448: Signatures of Outflows. <i>Astrophysical Journal</i> , 2007, 659, 1404-1419.	4.5	62
14	Dust Polarization toward Embedded Protostars in Ophiuchus with ALMA. I. VLA 1623. <i>Astrophysical Journal</i> , 2018, 859, 165.	4.5	57
15	A Holistic Perspective on the Dynamics of G035.39-00.33: The Interplay between Gas and Magnetic Fields. <i>Astrophysical Journal</i> , 2018, 859, 151.	4.5	57
16	THE MAGNETIC FIELD IN THE CLASS 0 PROTOSTELLAR DISK OF L1527. <i>Astrophysical Journal Letters</i> , 2015, 798, L2.	8.3	53
17	CARMA LARGE AREA STAR FORMATION SURVEY: STRUCTURE AND KINEMATICS OF DENSE GAS IN SERPENS MAIN. <i>Astrophysical Journal</i> , 2014, 797, 76.	4.5	51
18	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51

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19	The TOP-SCOPE Survey of <i>Planck</i> Galactic Cold Clumps: Survey Overview and Results of an Exemplar Source, PGCC G26.53+0.17. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 28.	7.7	50
20	RESOLVING PROTOPLANETARY DISKS AT MILLIMETER WAVELENGTHS WITH CARMA. <i>Astrophysical Journal</i> , 2015, 808, 102.	4.5	49
21	ALMA Observations of Polarized 872 μ m Dust Emission from the Protostellar Systems VLA 1623 and L1527. <i>Astrophysical Journal</i> , 2018, 861, 91.	4.5	47
22	VLA AND CARMA OBSERVATIONS OF PROTOSTARS IN THE CEPHEUS CLOUDS: SUB-ARCSECOND PROTO-BINARIES FORMED VIA DISK FRAGMENTATION. <i>Astrophysical Journal</i> , 2013, 779, 93.	4.5	46
23	A First Look at BISTRO Observations of the ρ -Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
24	Dust Polarization toward Embedded Protostars in Ophiuchus with ALMA. III. Survey Overview. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 2.	7.7	44
25	Highly Ordered and Pinched Magnetic Fields in the Class 0 Protobinary System L1448 IRS 2. <i>Astrophysical Journal</i> , 2019, 879, 25.	4.5	43
26	How Do Stars Gain Their Mass? A JCMT/SCUBA-2 Transient Survey of Protostars in Nearby Star-forming Regions. <i>Astrophysical Journal</i> , 2017, 849, 43.	4.5	42
27	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
28	Dust Polarization toward Embedded Protostars in Ophiuchus with ALMA. II. IRAS 16293-2422. <i>Astrophysical Journal</i> , 2018, 869, 115.	4.5	41
29	JCMT BISTRO Survey Observations of the Ophiuchus Molecular Cloud: Dust Grain Alignment Properties Inferred Using a Ricean Noise Model. <i>Astrophysical Journal</i> , 2019, 880, 27.	4.5	40
30	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
31	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ -Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
32	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. <i>Astrophysical Journal</i> , 2019, 883, 95.	4.5	38
33	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
34	Two Bipolar Outflows and Magnetic Fields in the Multiple Protostar System L1448 IRS 3. <i>Astrophysical Journal</i> , 2006, 653, 1358-1368.	4.5	36
35	First Observations of the Magnetic Field inside the Pillars of Creation: Results from the BISTRO Survey. <i>Astrophysical Journal Letters</i> , 2018, 860, L6.	8.3	32
36	PLANCK COLD CLUMPS IN THE ρ -ORIONIS COMPLEX. I. DISCOVERY OF AN EXTREMELY YOUNG CLASS 0 PROTOSTELLAR OBJECT AND A PROTO-BROWN DWARF CANDIDATE IN THE BRIGHT-RIMMED CLUMP PGCC G192.32+11.88. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 7.	7.7	31

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37	JCMT POL-2 and BISTRO Survey Observations of Magnetic Fields in the L1689 Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 907, 88.	4.5	29
38	Dust Polarization in Four Protoplanetary Disks at 3 mm: Further Evidence of Multiple Origins. <i>Astrophysical Journal Letters</i> , 2019, 877, L2.	8.3	24
39	A Pseudodisk Threaded with a Toroidal and Pinched Poloidal Magnetic Field Morphology in the HH 211 Protostellar System. <i>Astrophysical Journal</i> , 2019, 879, 101.	4.5	24
40	Dust spectrum and polarisation at 850 μm in the massive IRDC G035.39-00.33. <i>Astronomy and Astrophysics</i> , 2018, 620, A26.	5.1	22
41	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). II. Survey Overview: A First Look at 1.3 mm Continuum Maps and Molecular Outflows. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 20.	7.7	22
42	The JCMT Transient Survey: Four-year Summary of Monitoring the Submillimeter Variability of Protostars. <i>Astrophysical Journal</i> , 2021, 920, 119.	4.5	22
43	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
44	The JCMT BISTRO Survey: The Distribution of Magnetic Field Strengths toward the OMC-1 Region. <i>Astrophysical Journal</i> , 2021, 913, 85.	4.5	19
45	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). I. Detection of New Hot Corinos with the ACA. <i>Astrophysical Journal</i> , 2020, 898, 107.	4.5	18
46	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
47	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of Extremely High-density Compact Structure of Prestellar Cores and Multiple Substructures Within. <i>Astrophysical Journal Letters</i> , 2021, 907, L15.	8.3	16
48	Observations of Magnetic Fields Surrounding LkH α 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
49	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
50	OMC-1 dust polarization in ALMA Band 7: diagnosing grain alignment mechanisms in the vicinity of Orion Source I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3414-3433.	4.4	15
51	The Architecture of the V892 Tau System: The Binary and Its Circumbinary Disk. <i>Astrophysical Journal</i> , 2021, 915, 131.	4.5	14
52	The JCMT BISTRO Survey: An 850/450 μm Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
53	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. <i>Astrophysical Journal</i> , 2019, 877, 114.	4.5	12
54	Multi-scale Dust Polarization and Spiral-like Stokes-I Residual in the Class I Protostellar System TMC-1A. <i>Astrophysical Journal</i> , 2021, 920, 71.	4.5	12

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55	TRAO Survey of the Nearby Filamentary Molecular Clouds, the Universal Nursery of Stars (TRAO) Tj ETQq1 1 0.784314 rgBT /Qverlock	4.5	0
56	High-resolution ALMA Study of the Proto-brown-dwarf Candidate L328-IRS. <i>Astrophysical Journal</i> , 2018, 865, 131.	4.5	8
57	First Sub-parsec-scale Mapping of Magnetic Fields in the Vicinity of a Very-low-luminosity Object, L1521F-IRS. <i>Astrophysical Journal</i> , 2019, 883, 9.	4.5	7
58	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
59	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Deriving Inclination Angle and Velocity of the Protostellar Jets from Their SiO Knots. <i>Astrophysical Journal Letters</i> , 2022, 931, L5.	8.3	7
60	The JCMT BISTRO-2 Survey: The Magnetic Field in the Center of the Rosette Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 913, 57.	4.5	6
61	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of a Dense SiO Jet in the Evolved Protostellar Phase. <i>Astrophysical Journal</i> , 2022, 925, 11.	4.5	6
62	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Evidence for a Molecular Jet Launched at an Unprecedented Early Phase of Protostellar Evolution. <i>Astrophysical Journal</i> , 2022, 931, 130.	4.5	6
63	HAWC+/SOFIA Polarimetry in L1688: Relative Orientation of Magnetic Field and Elongated Cloud Structure. <i>Astrophysical Journal</i> , 2021, 918, 39.	4.5	5
64	The JCMT BISTRO Survey: Evidence for Pinched Magnetic Fields in Quiescent Filaments of NGC 1333. <i>Astrophysical Journal Letters</i> , 2021, 923, L9.	8.3	4
65	Magnetic fields and outflows in the large Bok globule CB 54. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1026-1036.	4.4	4
66	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): How Do Dense Core Properties Affect the Multiplicity of Protostars?. <i>Astrophysical Journal</i> , 2022, 931, 158.	4.5	4
67	Effects of Magnetic Field Orientations in Dense Cores on Gas Kinematics in Protostellar Envelopes. <i>Astrophysical Journal</i> , 2022, 930, 67.	4.5	3
68	Submillimeter Continuum Variability in Planck Galactic Cold Clumps. <i>Astrophysical Journal, Supplement Series</i> , 2019, 242, 27.	7.7	0