

Keping Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,703
citations

257450

24
h-index

289244

40
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61
all docs

61
docs citations

61
times ranked

1112
citing authors

#	ARTICLE	IF	CITATIONS
1	MAGNETIC FIELDS AND MASSIVE STAR FORMATION. <i>Astrophysical Journal</i> , 2014, 792, 116.	4.5	142
2	The JCMT BISTRO Survey: The Magnetic Field Strength in the Orion A Filament. <i>Astrophysical Journal</i> , 2017, 846, 122.	4.5	103
3	<i>Spitzer</i> IRAC and MIPS Imaging of Clusters and Outflows in Nine High-Mass Star Forming Regions. <i>Astrophysical Journal</i> , 2008, 685, 1005-1025.	4.5	84
4	Self-similar fragmentation regulated by magnetic fields in a region forming massive stars. <i>Nature</i> , 2015, 520, 518-521.	27.8	83
5	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
6	SUBMILLIMETER ARRAY OBSERVATIONS OF THE MOLECULAR OUTFLOW IN HIGH-MASS STAR-FORMING REGION G240.31+0.07. <i>Astrophysical Journal</i> , 2009, 696, 66-74.	4.5	65
7	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
8	Revisiting the Extended Schmidt Law: The Important Role of Existing Stars in Regulating Star Formation. <i>Astrophysical Journal</i> , 2018, 853, 149.	4.5	54
9	OUTFLOWS, ACCRETION, AND CLUSTERED PROTOSTELLAR CORES AROUND A FORMING O STAR. <i>Astrophysical Journal</i> , 2011, 728, 6.	4.5	51
10	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
11	SUBMILLIMETER ARRAY OBSERVATIONS OF MAGNETIC FIELDS IN G240.31+0.07: AN HOURGLASS IN A MASSIVE CLUSTER-FORMING CORE. <i>Astrophysical Journal Letters</i> , 2014, 794, L18.	8.3	48
12	A First Look at BISTRO Observations of the ρ Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
13	DISCOVERY OF EXTREMELY HIGH VELOCITY α MOLECULAR BULLETS IN THE HH 80-81 HIGH-MASS STAR-FORMING REGION. <i>Astrophysical Journal</i> , 2009, 702, L66-L71.	4.5	44
14	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
15	THE IMPORTANCE OF THE MAGNETIC FIELD FROM AN SMA-CSO-COMBINED SAMPLE OF STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2014, 797, 99.	4.5	41
16	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
17	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
18	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. <i>Astrophysical Journal</i> , 2019, 883, 95.	4.5	38

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19	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
20	FROM POLOIDAL TO TOROIDAL: DETECTION OF A WELL-ORDERED MAGNETIC FIELD IN THE HIGH-MASS PROTOCLUSTER G35.2 \hat{a} 0.74 N. <i>Astrophysical Journal</i> , 2013, 779, 182.	4.5	34
21	OUTFLOW DETECTION IN A 70 \hat{m} DARK HIGH-MASS CORE. <i>Astrophysical Journal</i> , 2016, 828, 100.	4.5	32
22	Magnetic Fields in the Massive Dense Cores of the DR21 Filament: Weakly Magnetized Cores in a Strongly Magnetized Filament. <i>Astrophysical Journal</i> , 2017, 838, 121.	4.5	32
23	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
24	Does the Magnetic Field Suppress Fragmentation in Massive Dense Cores?. <i>Astrophysical Journal</i> , 2021, 912, 159.	4.5	26
25	Surveys of Clumps, Cores, and Condensations in Cygnus X. I. A New Catalog of \hat{a} 0.1 pc Massive Dense Cores. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 1.	7.7	25
26	APEX CO (9-8) MAPPING OF AN EXTREMELY HIGH VELOCITY AND JET-LIKE OUTFLOW IN A HIGH-MASS STAR-FORMING REGION. <i>Astrophysical Journal Letters</i> , 2011, 743, L25.	8.3	24
27	GAS KINEMATICS AND THE DRAGGED MAGNETIC FIELD IN THE HIGH-MASS MOLECULAR OUTFLOW SOURCE G192.16 \hat{a} 3.84: AN SMA VIEW. <i>Astrophysical Journal</i> , 2013, 771, 71.	4.5	23
28	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
29	Magnetized Converging Flows toward the Hot Core in the Intermediate/High-mass Star-forming Region NGC 6334 V. <i>Astrophysical Journal</i> , 2017, 844, 44.	4.5	20
30	Magnetic Fields in the Early Stages of Massive Star Formation as Revealed by ALMA. <i>Astrophysical Journal</i> , 2020, 895, 142.	4.5	20
31	Calibrating the Davis \hat{a} Chandrasekhar \hat{a} Fermi Method with Numerical Simulations: Uncertainties in Estimating the Magnetic Field Strength from Statistics of Field Orientations. <i>Astrophysical Journal</i> , 2021, 919, 79.	4.5	20
32	Magnetic Fields in Star Formation: A Complete Compilation of All the DCF Estimations. <i>Astrophysical Journal</i> , 2022, 925, 30.	4.5	20
33	ALMA Observations of NGC 6334S. I. Forming Massive Stars and Clusters in Subsonic and Transonic Filamentary Clouds. <i>Astrophysical Journal</i> , 2020, 896, 110.	4.5	19
34	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
35	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
36	Observations of Magnetic Fields Surrounding LkH \hat{a} 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16

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37	ALMA Observations of NGC 6334S. II. Subsonic and Transonic Narrow Filaments in a High-mass Star Formation Cloud. <i>Astrophysical Journal</i> , 2022, 926, 165.	4.5	16
38	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
39	The JCMT BISTRO Survey: An 850/450 μ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
40	Protostellar Interferometric Line Survey of the Cygnus X region (PILS-Cygnus). <i>Astronomy and Astrophysics</i> , 2021, 655, A86.	5.1	12
41	CO Multi-line Observations of HH 80-81: A Two-component Molecular Outflow Associated with the Largest Protostellar Jet in Our Galaxy. <i>Astrophysical Journal</i> , 2019, 871, 141.	4.5	11
42	DR 21 South Filament: A Parsec-sized Dense Gas Accretion Flow onto the DR 21 Massive Young Cluster. <i>Astrophysical Journal</i> , 2021, 908, 70.	4.5	11
43	A Low-mass Cold and Quiescent Core Population in a Massive Star Protocluster. <i>Astrophysical Journal Letters</i> , 2021, 912, L7.	8.3	10
44	The Discovery of the Largest Gas Filament in Our Galaxy, or a New Spiral Arm?. <i>Astrophysical Journal Letters</i> , 2021, 918, L2.	8.3	9
45	Interactions Between Gas Dynamics and Magnetic Fields in the Massive Dense Cores of the DR21 Filament. <i>Astrophysical Journal</i> , 2018, 865, 110.	4.5	8
46	Oversized Gas Clumps in an Extremely Metal-poor Molecular Cloud Revealed by ALMA's Parsec-scale Maps. <i>Astrophysical Journal</i> , 2020, 892, 147.	4.5	7
47	Turbulent entrainment origin of protostellar outflows. <i>Astronomy and Astrophysics</i> , 2013, 559, A23.	5.1	6
48	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
49	Core Mass Function of a Single Giant Molecular Cloud Complex with $\sim 10,000$ Cores. <i>Astrophysical Journal Letters</i> , 2021, 918, L4.	8.3	6
50	The DR21(OH) Trident-Resolving the Massive Ridge into Three Entangled Fibers as the Initial Condition of Cluster Formation. <i>Astrophysical Journal</i> , 2022, 927, 106.	4.5	6
51	An Isothermal Outflow in High-mass Star-forming Region G240.31+0.07. <i>Astrophysical Journal</i> , 2018, 860, 106.	4.5	5
52	Multiline Observations of Molecular Bullets from a High-mass Protostar. <i>Astrophysical Journal</i> , 2019, 877, 112.	4.5	5
53	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
54	Network of Star Formation: Fragmentation Controlled by Scale-dependent Turbulent Pressure and Accretion onto the Massive Cores Revealed in the Cygnus-X GMC Complex. <i>Astrophysical Journal</i> , 2021, 916, 13.	4.5	3

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55	Surveys of Clumps, Cores, and Condensations in Cygnus X. II. Radio Properties of Massive Dense Cores. <i>Astrophysical Journal</i> , 2022, 927, 185.	4.5	3
56	Effects of Magnetic Field Orientations in Dense Cores on Gas Kinematics in Protostellar Envelopes. <i>Astrophysical Journal</i> , 2022, 930, 67.	4.5	3
57	Detection of Dust Condensations in the Orion Bar Photon-dominated Region. <i>Astrophysical Journal</i> , 2018, 855, 48.	4.5	1
58	SMA, VLA and VLBA observations in a $10^{5.5} L_{\odot}^{\text{TM}}$ high mass star formation region IRAS 18360-0537. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 291-292.	0.0	0
59	Erratum "A Low-mass Cold and Quiescent Core Population in a Massive Star Protocluster" (2021, <i>ApJ</i> ,) Tj ETQo1 1 0.784314 rg5T	8.3	0
60	Revisiting The Mass-Size Relation Of Structures In Molecular Clouds. <i>Research in Astronomy and Astrophysics</i> , 0, , .	1.7	0