Qizhou Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8322652/publications.pdf

Version: 2024-02-01

232 papers	9,255 citations	28190 55 h-index	60497 81 g-index
235 all docs	235 docs citations	235 times ranked	3011 citing authors

#	Article	IF	Citations
1	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€“ V. Hierarchical fragmentation and gas dynamics in IRDC G034.43+00.24. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5009-5022.	1.6	17
2	Magnetic Fields in Star Formation: A Complete Compilation of All the DCF Estimations. Astrophysical Journal, 2022, 925, 30.	1.6	20
3	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€“ VIII. A search for hot cores by using C2H5CN, CH3OCHO, and CH3OH lines. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3463-3476.	1.6	10
4	The ALMA Survey of 70 Î¼m Dark High-mass Clumps in Early Stages (ASHES). V. Deuterated Molecules in the 70 Î¼m Dark IRDC G14.492-00.139. Astrophysical Journal, 2022, 925, 144.	1.6	12
5	ALMA Observations of NGC 6334S. II. Subsonic and Transonic Narrow Filaments in a High-mass Star Formation Cloud. Astrophysical Journal, 2022, 926, 165.	1.6	16
6	The DR21(OH) Tridentâ€”Resolving the Massive Ridge into Three Entangled Fibers as the Initial Condition of Cluster Formation. Astrophysical Journal, 2022, 927, 106.	1.6	6
7	Digging into the Interior of Hot Cores with ALMA (DIHCA). II. Exploring the Inner Binary (Multiple) System Embedded in G335 MM1 ALMA1. Astrophysical Journal, 2022, 929, 68.	1.6	10
8	A massive Keplerian protostellar disk with flyby-induced spirals in the Central Molecular Zone. Nature Astronomy, 2022, 6, 837-843.	4.2	8
9	The initial conditions for young massive cluster formation in the Galactic Centre: convergence of large-scale gas flows. Monthly Notices of the Royal Astronomical Society, 2022, 514, 578-595.	1.6	5
10	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Evidence for a Molecular Jet Launched at an Unprecedented Early Phase of Protostellar Evolution. Astrophysical Journal, 2022, 931, 130.	1.6	6
11	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€“ XI. From inflow to infall in hub-filament systems. Monthly Notices of the Royal Astronomical Society, 2022, 514, 6038-6052.	1.6	19
12	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.	3.0	16
13	Star formation in â€˜the Brickâ€™: ALMA reveals an active protocluster in the Galactic centre cloud G0.253+0.016. Monthly Notices of the Royal Astronomical Society, 2021, 503, 77-95.	1.6	19
14	ALMA Observations of Massive Clouds in the Central Molecular Zone: Ubiquitous Protostellar Outflows. Astrophysical Journal, 2021, 909, 177.	1.6	14
15	Subarcsecond Imaging of the Complex Organic Chemistry in Massive Star-forming Region G10.6-0.4. Astrophysical Journal, 2021, 909, 214.	1.6	21
16	Digging into the Interior of Hot Cores with ALMA (DIHCA). I. Dissecting the High-mass Star-forming Core G335.579-0.292 MM1. Astrophysical Journal, 2021, 909, 199.	1.6	17
17	A Highly Collimated Flow from the High-mass Protostar ISOSS J23053+5953 SMM2. Research Notes of the AAS, 2021, 5, 70.	0.3	1
18	A Low-mass Cold and Quiescent Core Population in a Massive Star Protocluster. Astrophysical Journal Letters, 2021, 912, L7.	3.0	10

#	Article	IF	Citations
19	Magnetic Fields in Massive Star-forming Regions (MagMaR). I. Linear Polarized Imaging of the Ultracompact H ii Region G5.89â€“0.39. Astrophysical Journal, 2021, 913, 29.	1.6	13
20	ATOMS: ALMA three-millimeter observations of massive star-forming regions â€“ III. Catalogues of candidate hot molecular cores and hyper/ultra compact Hâ€‰‰<scp>ii</scp> regions. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2801-2818.	1.6	23
21	Does the Magnetic Field Suppress Fragmentation in Massive Dense Cores?. Astrophysical Journal, 2021, 912, 159.	1.6	26
22	Convergent filaments contracting towards an intermediate-mass pre-stellar core. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5183-5191.	1.6	7
23	The ALMA Survey of 70 Î¼m Dark High-mass Clumps in Early Stages (ASHES). III. A Young Molecular Outflow Driven by a Decelerating Jet. Astrophysical Journal, 2021, 913, 131.	1.6	15
24	Erratum â€œA Low-mass Cold and Quiescent Core Population in a Massive Star Protoclusterâ€•(2021, ApJL,) Tj ETQq0 0 0 rgBT /Overloc	3.0	0
25	Gravity-driven Magnetic Field at âˆ¼1000 au Scales in High-mass Star Formation. Astrophysical Journal Letters, 2021, 915, L10.	3.0	41
26	An ALMA study of outflow parameters of protoclusters: outflow feedback to maintain the turbulence. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4316-4334.	1.6	9
27	Core Mass Function of a Single Giant Molecular Cloud Complex with âˆ¼10,000 Cores. Astrophysical Journal Letters, 2021, 918, L4.	3.0	6
28	Calibrating the Davisâ€“Chandrasekharâ€“Fermi Method with Numerical Simulations: Uncertainties in Estimating the Magnetic Field Strength from Statistics of Field Orientations. Astrophysical Journal, 2021, 919, 79.	1.6	20
29	Planck Galactic Cold Clumps at High Galactic Latitudeâ€”a Study with CO Lines. Astrophysical Journal, 2021, 920, 103.	1.6	4
30	Discovery of a Highly Collimated Flow from the High-mass Protostar ISOSS J23053+5953 SMM2. Astrophysical Journal, 2021, 922, 66.	1.6	3
31	The ALMA Survey of 70 Î¼m Dark High-mass Clumps in Early Stages (ASHES). IV. Star Formation Signatures in G023.477. Astrophysical Journal, 2021, 923, 147.	1.6	23
32	Magnetic Fields in Massive Star-forming Regions (MagMaR). II. Tomography through Dust and Molecular Line Polarization in NGC 6334I(N). Astrophysical Journal, 2021, 923, 204.	1.6	10
33	Filament intersections and cold dense cores in Orion A North. Monthly Notices of the Royal Astronomical Society, 2020, 497, 793-808.	1.6	4
34	ATOMS: ALMA three-millimeter observations of massive star-forming regions â€“ II. Compact objects in ACA observations and star formation scaling relations. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2821-2835.	1.6	20
35	Oversized Gas Clumps in an Extremely Metal-poor Molecular Cloud Revealed by ALMAâ€™s Parsec-scale Maps. Astrophysical Journal, 2020, 892, 147.	1.6	7
36	Magnetic Fields in the Early Stages of Massive Star Formation as Revealed by ALMA. Astrophysical Journal, 2020, 895, 142.	1.6	20

#	Article	IF	Citations
37	ALMA Observations of Massive Clouds in the Central Molecular Zone: Jeans Fragmentation and Cluster Formation. Astrophysical Journal Letters, 2020, 894, L14.	3.0	20
38	ALMA Observations Reveal No Preferred Outflow-filament and Outflow-magnetic Field Orientations in Protoclusters. Astrophysical Journal, 2020, 890, 44.	1.6	16
39	ALMA Observations of NGC 6334S. I. Forming Massive Stars and Clusters in Subsonic and Transonic Filamentary Clouds. Astrophysical Journal, 2020, 896, 110.	1.6	19
40	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€“ I. Survey description and a first look at G9.62+0.19. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2790-2820.	1.6	45
41	An observational correlation between magnetic field, angular momentum and fragmentation in the envelopes of Class 0 protostars?. Astronomy and Astrophysics, 2020, 644, A47.	2.1	13
42	Role of the magnetic field in the fragmentation process: the case of G14.225-0.506. Astronomy and Astrophysics, 2020, 644, A52.	2.1	16
43	Hyperfine group ratio: a recipe for deriving kinetic temperature from the ammonia inversion lines. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4432-4444.	1.6	7
44	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). I. Detection of New Hot Corinos with the ACA. Astrophysical Journal, 2020, 898, 107.	1.6	18
45	The Chemical Structure of Young High-mass Star-forming Clumps. II. Parsec-scale CO Depletion and Deuterium Fraction of HCO⁺. Astrophysical Journal, 2020, 901, 145.	1.6	13
46	The ALMA Survey of 70 Î¼m Dark High-mass Clumps in Early Stages (ASHES). II. Molecular Outflows in the Extreme Early Stages of Protocluster Formation. Astrophysical Journal, 2020, 903, 119.	1.6	37
47	A Dust Trap in the Young Multiple System HD 34700. Astrophysical Journal, 2020, 905, 120.	1.6	5
48	Multidirectional Mass Accretion and Collimated Outflows on Scales of 100â€“2000 au in Early Stages of High-mass Protostars. Astrophysical Journal, 2020, 905, 25.	1.6	31
49	CMZoom: Survey Overview and First Data Release. Astrophysical Journal, Supplement Series, 2020, 249, 35.	3.0	27
50	CMZoom. II. Catalog of Compact Submillimeter Dust Continuum Sources in the Milky Wayâ€™s Central Molecular Zone. Astrophysical Journal, Supplement Series, 2020, 251, 14.	3.0	16
51	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.	3.0	22
52	The Ionized Warped Disk and Disk Wind of the Massive Protostar Monoceros R2-IRS2 Seen with ALMA. Astrophysical Journal Letters, 2020, 897, L33.	3.0	11
53	CO (J = 1â€“0) Observations toward Filamentary Molecular Clouds in the Galactic Region with lÂ=Â[169.Â°75, 174.Â°75], bÂ=Â[â˜'0.Â°75, 0.Â°5]. Astrophysical Journal, 2019, 880, 88.	1.6	7
54	A Census of Early-phase High-mass Star Formation in the Central Molecular Zone. Astrophysical Journal, Supplement Series, 2019, 244, 35.	3.0	24

#	Article	IF	Citations
55	Multiline Observations of Molecular Bullets from a High-mass Protostar. Astrophysical Journal, 2019, 877, 112.	1.6	5
56	A SiO JÂ=Â5Âât'Â4 Survey Toward Massive Star Formation Regions. Astrophysical Journal, 2019, 878, 29.	1.6	30
57	Investigating Fragmentation of Gas Structures in OB Cluster-forming Molecular Clump G33.92+0.11 with 1000 au Resolution Observations of ALMA. Astrophysical Journal, 2019, 871, 185.	1.6	17
58	Filamentary Accretion Flows in the Infrared Dark Cloud G14.225â€"0.506 Revealed by ALMA. Astrophysical Journal, 2019, 875, 24.	1.6	56
59	Surveys of Clumps, Cores, and Condensations in Cygnus X. I. A New Catalog of â^¼0.1 pc Massive Dense Cores. Astrophysical Journal, Supplement Series, 2019, 241, 1.	3.0	25
60	Massive and low-mass protostars in massive â€œstarlessâ€•cores. Astronomy and Astrophysics, 2019, 622, A54.	2.1	36
61	CO Multi-line Observations of HH 80â€"81: A Two-component Molecular Outflow Associated with the Largest Protostellar Jet in Our Galaxy. Astrophysical Journal, 2019, 871, 141.	1.6	11
62	Star Formation Rates of Massive Molecular Clouds in the Central Molecular Zone. Astrophysical Journal, 2019, 872, 171.	1.6	32
63	Massive-star Formation via the Collapse of Subvirial and Virialized Turbulent Massive Cores. Astrophysical Journal, 2019, 887, 108.	1.6	29
64	ALMA Observations of Fragmentation, Substructure, and Protostars in High-mass Starless Clump Candidates. Astrophysical Journal, 2019, 886, 36.	1.6	36
65	Massive Young Stellar Objects and Outflow in the Infrared Dark Cloud G79.3+0.3. Astrophysical Journal, 2019, 876, 70.	1.6	3
66	Interferometric Observations of Magnetic Fields in Forming Stars. Frontiers in Astronomy and Space Sciences, 2019, 6, .	1.1	71
67	Cloud G074.11+00.11: a stellar cluster in formation. Astronomy and Astrophysics, 2019, 630, A69.	2.1	0
68	The ALMA Survey of 70 Î¼m Dark High-mass Clumps in Early Stages (ASHES). I. Pilot Survey: Clump Fragmentation. Astrophysical Journal, 2019, 886, 102.	1.6	104
69	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. Astrophysical Journal, 2019, 883, 95.	1.6	38
70	Formation of Massive Protostellar Clustersâ€"Observations of Massive 70ÂÎ¼m Dark Molecular Clouds. Astrophysical Journal, 2019, 886, 130.	1.6	39
71	Detection of Dust Condensations in the Orion Bar Photon-dominated Region. Astrophysical Journal, 2018, 855, 48.	1.6	1
72	A 100 au Wide Bipolar Rotating Shell Emanating from the HH 212 Protostellar Disk: A Disk Wind?. Astrophysical Journal, 2018, 856, 14.	1.6	39

#	Article	IF	Citations
73	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.	3.0	50
74	Hierarchical Fragmentation in the Perseus Molecular Cloud: From the Cloud Scale to Protostellar Objects. Astrophysical Journal, 2018, 853, 5.	1.6	37
75	Filamentary Fragmentation and Accretion in High-mass Star-forming Molecular Clouds. Astrophysical Journal, 2018, 855, 9.	1.6	76
76	G337.342â€“0.119 (The â€œPebbleâ€): A Cold, Dense, High-mass Molecular Cloud with Unusually Large Line Widths and a Candidate High-mass Star Cluster Progenitor. Astrophysical Journal, 2018, 869, 102.	1.6	5
77	Magnetic fields and massive star formation. Proceedings of the International Astronomical Union, 2018, 14, 141-141.	0.0	0
78	Interactions Between Gas Dynamics and Magnetic Fields in the Massive Dense Cores of the DR21 Filament. Astrophysical Journal, 2018, 865, 110.	1.6	8
79	Compressed Magnetic Field in the Magnetically Regulated Global Collapsing Clump of G9.62+0.19. Astrophysical Journal Letters, 2018, 869, L5.	3.0	9
80	Submillimeter Array Observations of Extended CO (J = 2 â^' 1) Emission in the Interacting Galaxy NGC 3627. Astrophysical Journal, 2018, 865, 17.	1.6	9
81	SMA observations of polarized dust emission in solar-type Class 0 protostars: Magnetic field properties at envelope scales. Astronomy and Astrophysics, 2018, 616, A139.	2.1	39
82	Infall Signatures in a Prestellar Core Embedded in the High-mass 70 Î¼m Dark IRDC G331.372-00.116. Astrophysical Journal, 2018, 861, 14.	1.6	55
83	ALMA Observations of the Very Young Class 0 Protostellar System HH211-mms: A 30 au Dusty Disk with a Disk Wind Traced by SO?. Astrophysical Journal, 2018, 863, 94.	1.6	42
84	Radiative transfer modelling of W33A MM1: 3D structure and dynamics of a complex massive star-forming region. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2505-2525.	1.6	35
85	On the Nature of Orion Source I. Astrophysical Journal, 2018, 853, 4.	1.6	9
86	A Holistic Perspective on the Dynamics of G035.39-00.33: The Interplay between Gas and Magnetic Fields. Astrophysical Journal, 2018, 859, 151.	1.6	57
87	Subsonic islands within a high-mass star-forming infrared dark cloud. Astronomy and Astrophysics, 2018, 611, L3.	2.1	20
88	Magnetic field in a young circumbinary disk. Astronomy and Astrophysics, 2018, 616, A56.	2.1	52
89	Angular Momentum in Disk Wind Revealed in the Young Star MWC 349A. Astrophysical Journal, 2017, 837, 53.	1.6	20
90	First detection of equatorial dark dust lane in a protostellar disk at submillimeter wavelength. Science Advances, 2017, 3, e1602935.	4.7	53

#	Article	IF	Citations
91	Magnetic Fields in the Massive Dense Cores of the DR21 Filament: Weakly Magnetized Cores in a Strongly Magnetized Filament. Astrophysical Journal, 2017, 838, 121.	1.6	32
92	A Massive Prestellar Clump Hosting No High-mass Cores. Astrophysical Journal, 2017, 841, 97.	1.6	84
93	A rotating protostellar jet launched from the innermost disk of HH 212. Nature Astronomy, 2017, 1, .	4.2	102
94	The Molecular Gas Environment in the 20 km s^{â˜'1} Cloud in the Central Molecular Zone. Astrophysical Journal, 2017, 839, 1.	1.6	34
95	Terahertz and far-infrared windows opened at Dome A in Antarctica. Nature Astronomy, 2017, 1, .	4.2	78
96	SMA Observations of the Hot Molecular Core IRAS 18566+0408. Astrophysical Journal, 2017, 847, 87.	1.6	9
97	Magnetized Converging Flows toward the Hot Core in the Intermediate/High-mass Star-forming Region NGC 6334 V. Astrophysical Journal, 2017, 844, 44.	1.6	20
98	Growth of a Massive Young Stellar Object Fed by a Gas Flow from a Companion Gas Clump. Astrophysical Journal, 2017, 835, 227.	1.6	6
99	The Survey of Water and Ammonia in the Galactic Center (SWAG): Molecular Cloud Evolution in the Central Molecular Zone. Astrophysical Journal, 2017, 850, 77.	1.6	71
100	ALMA Reveals Sequential High-mass Star Formation in the G9.62+0.19 Complex. Astrophysical Journal, 2017, 849, 25.	1.6	41
101	Formation and Atmosphere of Complex Organic Molecules of the HH 212 Protostellar Disk. Astrophysical Journal, 2017, 843, 27.	1.6	80
102	ALMA Observations of Dust Polarization and Molecular Line Emission from the Class 0 Protostellar Source Serpens SMM1. Astrophysical Journal, 2017, 847, 92.	1.6	74
103	The Structure of the Radio Recombination Line Maser Emission in the Envelope of MWC349A. Proceedings of the International Astronomical Union, 2017, 13, 235-238.	0.0	0
104	The Galactic Center Molecular Cloud Survey. Astronomy and Astrophysics, 2017, 603, A89.	2.1	85
105	The Galactic Center Molecular Cloud Survey. Astronomy and Astrophysics, 2017, 603, A90.	2.1	42
106	DISCOVERY OF AN EXTREMELY WIDE-ANGLE BIPOLAR OUTFLOW IN AFGL 5142. Astrophysical Journal, 2016, 824, 31.	1.6	31
107	OUTFLOW DETECTION IN A 70 Î¼m DARK HIGH-MASS CORE. Astrophysical Journal, 2016, 828, 100.	1.6	32
108	MAGNETICALLY DOMINATED PARALLEL INTERSTELLAR FILAMENTS IN THE INFRARED DARK CLOUD G14.225-0.506*. Astrophysical Journal, 2016, 832, 186.	1.6	29

#	Article	IF	Citations
109	WHAT IS CONTROLLING THE FRAGMENTATION IN THE INFRARED DARK CLOUD G14.225â€“0.506?: DIFFERENT LEVELS OF FRAGMENTATION IN TWIN HUBS. Astrophysical Journal, 2016, 819, 139.	1.6	41
110	HELICAL MAGNETIC FIELDS IN THE NGC 1333 IRAS 4A PROTOSTELLAR OUTFLOWS. Astrophysical Journal, 2016, 819, 159.	1.6	41
111	DENSE CORE PROPERTIES IN THE INFRARED DARK CLOUD G14.225-0.506 REVEALED BY ALMA. Astrophysical Journal, 2016, 833, 209.	1.6	58
112	Deeply Embedded Protostellar Population in the Central Molecular Zone Suggested by H₂O Masers and Dense Cores. Proceedings of the International Astronomical Union, 2016, 11, 99-102.	0.0	0
113	PLANCK COLD CLUMPS IN THE Î» ORIONIS COMPLEX. I. DISCOVERY OF AN EXTREMELY YOUNG CLASS 0 PROTOSTELLAR OBJECT AND A PROTO-BROWN DWARF CANDIDATE IN THE BRIGHT-RIMMED CLUMP PGCC G192.32â€“11.88. Astrophysical Journal, Supplement Series, 2016, 222, 7.	3.0	31
114	A HOT AND MASSIVE ACCRETION DISK AROUND THE HIGH-MASS PROTOSTAR IRAS 20126+4104. Astrophysical Journal, 2016, 823, 125.	1.6	31
115	STAR FORMATION LAWS IN BOTH GALACTIC MASSIVE CLUMPS AND EXTERNAL GALAXIES: EXTENSIVE STUDY WITH DUST CONINUUM, HCN (4-3), AND CS (7-6). Astrophysical Journal, 2016, 829, 59.	1.6	38
116	Magnetic fields in PNe and other evolved low-mass and intermediate-mass stars. Proceedings of the International Astronomical Union, 2016, 12, 136-140.	0.0	0
117	ROTATING BULLETS FROM A VARIABLE PROTOSTAR. Astrophysical Journal, 2016, 824, 72.	1.6	19
118	First-generation science cases for ground-based terahertz telescopes. Publication of the Astronomical Society of Japan, 2016, 68, .	1.0	12
119	880 Î¼m SMA POLARIZATION OBSERVATIONS OF THE QUASAR 3C 286. Astrophysical Journal, 2016, 830, 124.	1.6	1
120	EXTREMELY ENERGETIC OUTFLOW AND DECELERATED EXPANSION IN W49N. Astrophysical Journal, 2015, 810, 147.	1.6	8
121	DEEPLY EMBEDDED PROTOSTELLAR POPULATION IN THE 20 km s ^{â^'1} CLOUD OF THE CENTRAL MOLECULAR ZONE. Astrophysical Journal Letters, 2015, 814, L18.	3.0	24
122	Self-similar fragmentation regulated by magnetic fields in a region forming massive stars. Nature, 2015, 520, 518-521.	13.7	83
123	ALMA RESOLVES THE SPIRALING ACCRETION FLOW IN THE LUMINOUS OB CLUSTER-FORMING REGION G33.92+0.11. Astrophysical Journal, 2015, 804, 37.	1.6	58
124	INITIAL FRAGMENTATION IN THE INFRARED DARK CLOUD G28.53â^'0.25. Astrophysical Journal, 2015, 805, 171.	1.6	25
125	SUBMILLIMETER ARRAY HIGH-ANGULAR RESOLUTION OBSERVATIONS OF THE MONOCEROS R2 STAR-FORMING CLUSTER. Astrophysical Journal, 2015, 803, 89.	1.6	12
126	SMA OBSERVATIONS OF C₂H IN HIGH-MASS STAR-FORMING REGIONS. Astrophysical Journal, 2015, 808, 114.	1.6	10

#	Article	IF	Citations
127	FRAGMENTATION OF MOLECULAR CLUMPS AND FORMATION OF A PROTOCLUSTER. Astrophysical Journal, 2015, 804, 141.	1.6	139
128	THE DISTRIBUTION OF DEUTERATED FORMALDEHYDE WITHIN ORION-KL. Astrophysical Journal, 2015, 808, 155.	1.6	3
129	JET MOTION, INTERNAL WORKING SURFACES, AND NESTED SHELLS IN THE PROTOSTELLAR SYSTEM HH 212. Astrophysical Journal, 2015, 805, 186.	1.6	48
130	FOLLOW-UP OBSERVATIONS TOWARD PLANCK COLD CLUMPS WITH GROUND-BASED RADIO TELESCOPES. Publications of the Korean Astronomical Society, 2015, 30, 79-82.	0.1	12
131	G11.92â€“0.61-MM2: A BONAFIDE MASSIVE PRESTELLAR CORE?. Astrophysical Journal Letters, 2014, 796, L2.	3.0	40
132	SUBMILLIMETER ARRAY OBSERVATIONS OF MAGNETIC FIELDS IN G240.31+0.07: AN HOURGLASS IN A MASSIVE CLUSTER-FORMING CORE. Astrophysical Journal Letters, 2014, 794, L18.	3.0	48
133	FRAGMENTATION OF MASSIVE DENSE CORES DOWN TO â‰² 1000 AU: RELATION BETWEEN FRAGMENTATION AND DENSITY STRUCTURE. Astrophysical Journal, 2014, 785, 42.	1.6	66
134	MOLECULAR JET OF IRAS 04166+2706. Astrophysical Journal, 2014, 780, 49.	1.6	15
135	GLIMPSE Extended Green Objects and the Early Stages of Massive Star Formation. Thirty Years of Astronomical Discovery With UKIRT, 2014, , 391-394.	0.3	0
136	CORE AND FILAMENT FORMATION IN MAGNETIZED, SELF-GRAVITATING ISOTHERMAL LAYERS. Astrophysical Journal, 2014, 789, 37.	1.6	41
137	ALMA RESULTS OF THE PSEUDODISK, ROTATING DISK, AND JET IN THE CONTINUUM AND HCO⁺IN THE PROTOSTELLAR SYSTEM HH 212. Astrophysical Journal, 2014, 786, 114.	1.6	73
138	TIME MONITORING OF RADIO JETS AND MAGNETOSPHERES IN THE NEARBY YOUNG STELLAR CLUSTER R CORONAE AUSTRALIS. Astrophysical Journal, 2014, 780, 155.	1.6	25
139	THE IMPORTANCE OF THE MAGNETIC FIELD FROM AN SMA-CSO-COMBINED SAMPLE OF STAR-FORMING REGIONS. Astrophysical Journal, 2014, 797, 99.	1.6	41
140	VERY LARGE ARRAY OBSERVATIONS OF AMMONIA IN HIGH-MASS STAR FORMATION REGIONS. Astrophysical Journal, 2014, 790, 84.	1.6	65
141	MAGNETIC FIELDS AND MASSIVE STAR FORMATION. Astrophysical Journal, 2014, 792, 116.	1.6	142
142	MOLECULAR SPECTRAL LINES IN FILAMENTARY INFRARED DARK CLOUDS. , 2014, , .		0
143	Properties of dense cores in clustered massive star-forming regions at high angular resolution. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3288-3319.	1.6	43
144	SMA OBSERVATIONS OF CLASS 0 PROTOSTARS: A HIGH ANGULAR RESOLUTION SURVEY OF PROTOSTELLAR BINARY SYSTEMS. Astrophysical Journal, 2013, 768, 110.	1.6	123

#	Article	IF	Citations
145	GAS KINEMATICS AND THE DRAGGED MAGNETIC FIELD IN THE HIGH-MASS MOLECULAR OUTFLOW SOURCE G192.16â€“3.84: AN SMA VIEW. Astrophysical Journal, 2013, 771, 71.	1.6	23
146	FROM POLOIDAL TO TOROIDAL: DETECTION OF A WELL-ORDERED MAGNETIC FIELD IN THE HIGH-MASS PROTOCLUSTER G35.2â€“0.74 N. Astrophysical Journal, 2013, 779, 182.	1.6	34
147	THE GALACTIC CENTER CLOUD G0.253+0.016: A MASSIVE DENSE CLOUD WITH LOW STAR FORMATION POTENTIAL. Astrophysical Journal Letters, 2013, 765, L35.	3.0	86
148	EARLY STAGES OF CLUSTER FORMATION: FRAGMENTATION OF MASSIVE DENSE CORES DOWN TO â‰² 1000 AU. Astrophysical Journal, 2013, 762, 120.	1.6	86
149	SMA observations towards massive clouds in the central molecular zone. Proceedings of the International Astronomical Union, 2013, 9, 191-193.	0.0	0
150	UNVEILING A NETWORK OF PARALLEL FILAMENTS IN THE INFRARED DARK CLOUD G14.225â€“0.506. Astrophysical Journal Letters, 2013, 764, L26.	3.0	88
151	THz atmospheric transmission measured at antarctic Dome A. , 2012, , .		2
152	Masers in GLIMPSE Extended Green Objects (EGOs). Proceedings of the International Astronomical Union, 2012, 8, 127-132.	0.0	0
153	THE ORIGIN OF OB CLUSTERS: FROM 10 pc TO 0.1 pc. Astrophysical Journal, 2012, 745, 61.	1.6	42
154	UNVEILING THE PHYSICAL PROPERTIES AND KINEMATICS OF MOLECULAR GAS IN THE ANTENNAE GALAXIES (NGC 4038/9) THROUGH HIGH-RESOLUTION CO (J= 3-2) OBSERVATIONS. Astrophysical Journal, 2012, 745, 65.	1.6	49
155	DISCOVERY OF A BINARY SYSTEM IN IRAM 04191+1522. Astrophysical Journal Letters, 2012, 747, L43.	3.0	18
156	Different Evolutionary Stages in the Massive Star-forming Complex W3 Main. Proceedings of the International Astronomical Union, 2012, 8, 116-116.	0.0	0
157	SUBMILLIMETER ARRAY ANDSPITZEROBSERVATIONS OF BOK GLOBULE CB 17: A CANDIDATE FIRST HYDROSTATIC CORE?. Astrophysical Journal, 2012, 751, 89.	1.6	44
158	FRAGMENTATION AND OB STAR FORMATION IN HIGH-MASS MOLECULAR HUB-FILAMENT SYSTEMS. Astrophysical Journal, 2012, 756, 10.	1.6	55
159	FORMING AN O STAR VIA DISK ACCRETION?. Astrophysical Journal, 2012, 756, 170.	1.6	28
160	PROTOSTELLAR OUTFLOW HEATING IN A GROWING MASSIVE PROTOCLUSTER. Astrophysical Journal Letters, 2012, 745, L30.	3.0	56
161	DIFFERENT EVOLUTIONARY STAGES IN THE MASSIVE STAR-FORMING REGION W3 MAIN COMPLEX. Astrophysical Journal, 2012, 754, 87.	1.6	17
162	IRDC G030.88+00.13: A TALE OF TWO MASSIVE CLUMPS. Astrophysical Journal, 2011, 733, 26.	1.6	45

#	Article	IF	Citations
163	OUTFLOWS, ACCRETION, AND CLUSTERED PROTOSTELLAR CORES AROUND A FORMING O STAR. Astrophysical Journal, 2011, 728, 6.	1.6	51
164	HIERARCHICAL FRAGMENTATION AND JET-LIKE OUTFLOWS IN IRDC G28.34+0.06: A GROWING MASSIVE PROTOSTAR CLUSTER. Astrophysical Journal, 2011, 735, 64.	1.6	116
165	THE MAGNETIC FIELD IN THE NGC 2024 FIR 5 DENSE CORE. Astrophysical Journal, 2011, 726, 63.	1.6	15
166	INFALL AND OUTFLOW DETECTIONS IN A MASSIVE CORE JCMT 18354â€“0649S. Astrophysical Journal, 2011, 728, 91.	1.6	15
167	AN OVERALL PICTURE OF THE GAS FLOW IN A MASSIVE CLUSTER-FORMING REGION: THE CASE OF G10.6â€“0.4. Astrophysical Journal, 2011, 729, 100.	1.6	29
168	INTERMEDIATE-MASS HOT CORES AT â^¼500 AU: DISKS OR OUTFLOWS?. Astrophysical Journal Letters, 2011, 743, L32.	3.0	31
169	Partner time sharing at the Submillimeter Array. , 2010, , .		1
170	THE HIGH-VELOCITY MOLECULAR OUTFLOWS IN MASSIVE CLUSTER-FORMING REGION G10.6â€“0.4. Astrophysical Journal, 2010, 725, 2190-2208.	1.6	27
171	L1448 IRS2E: A CANDIDATE FIRST HYDROSTATIC CORE. Astrophysical Journal, 2010, 715, 1344-1351.	1.6	84
172	A LARGE, MASSIVE, ROTATING DISK AROUND AN ISOLATED YOUNG STELLAR OBJECT. Astrophysical Journal, 2010, 717, 693-707.	1.6	10
173	IRAS 22198+6336: DISCOVERY OF AN INTERMEDIATE-MASS HOT CORE. Astrophysical Journal Letters, 2010, 721, L107-L111.	3.0	25
174	The standard model of star formation applied to massive stars: accretion discs and envelopes in molecular lines. Monthly Notices of the Royal Astronomical Society, 2010, 406, 102-111.	1.6	50
175	THE REFLECTION-SYMMETRIC WIGGLE OF THE YOUNG PROTOSTELLAR JET HH 211. Astrophysical Journal, 2010, 713, 731-737.	1.6	54
176	FROM THE CONVERGENCE OF FILAMENTS TO DISK-OUTFLOW ACCRETION: MASSIVE STAR FORMATION IN W33A. Astrophysical Journal, 2010, 725, 17-28.	1.6	85
177	DEUTERIUM FRACTIONATION AS AN EVOLUTIONARY PROBE IN THE INFRARED DARK CLOUD G28.34+0.06. Astrophysical Journal Letters, 2010, 713, L50-L54.	3.0	30
178	THE DECREASE OF SPECIFIC ANGULAR MOMENTUM AND THE HOT TOROID FORMATION: THE MASSIVE CLUMP G10.6â€“0.4. Astrophysical Journal, 2010, 722, 262-272.	1.6	32
179	DISCOVERY OF EXTREMELY HIGH VELOCITY â€œMOLECULAR BULLETSâ€•IN THE HH 80-81 HIGH-MASS STAR-FORMING REGION. Astrophysical Journal, 2009, 702, L66-L71.	1.6	44
180	SUBMILLIMETER ARRAY OBSERVATIONS OF THE MOLECULAR OUTFLOW IN HIGH-MASS STAR-FORMING REGION G240.31+0.07. Astrophysical Journal, 2009, 696, 66-74.	1.6	65

#	Article	IF	Citations
181	FORMATION OF AN O-STAR CLUSTER BY HIERARCHICAL ACCRETION IN G20.08â€“0.14 N. Astrophysical Journal, 2009, 706, 1036-1053.	1.6	72
182	FRAGMENTATION AT THE EARLIEST PHASE OF MASSIVE STAR FORMATION. Astrophysical Journal, 2009, 696, 268-273.	1.6	182
183	Magnetic Fields in the Formation of Massive Stars. Science, 2009, 324, 1408-1411.	6.0	187
184	Infrared dark clouds as precursors to star clusters. Astrophysics and Space Science, 2009, 324, 155-162.	0.5	5
185	ROTATION AND OUTFLOW MOTIONS IN THE VERY LOW-MASS CLASS 0 PROTOSTELLAR SYSTEM HH 211 AT SUBARCSECOND RESOLUTION. Astrophysical Journal, 2009, 699, 1584-1594.	1.6	87
186	Submillimeter Array Imaging of the CO(3â€“2) Line and 860 Î¼m Continuum of Arp 220: Tracing the Spatial Distribution of Luminosity. Astrophysical Journal, 2008, 684, 957-977.	1.6	114
187	SiO Shocks of the Protostellar Jet HH 212: A Search for Jet Rotation. Astrophysical Journal, 2008, 685, 1026-1032.	1.6	67
188	The Early Evolution of Massive Stars: Radio Recombination Line Spectra. Astrophysical Journal, 2008, 672, 423-432.	1.6	80
189	SpitzerIRAC and MIPS Imaging of Clusters and Outflows in Nine Highâ€Mass Star Forming Regions. Astrophysical Journal, 2008, 685, 1005-1025.	1.6	84
190	An Evolved Disk Surrounding the Massive Main-Sequence Star MWC 297?. Astrophysical Journal, 2007, 667, L187-L190.	1.6	20
191	Multiple Jets from the Highâ€Mass (Proto)stellar Cluster AFGL 5142. Astrophysical Journal, 2007, 658, 1152-1163.	1.6	78
192	Submillimeter Arcsecondâ€Resolution Mapping of the Highly Collimated Protostellar Jet HH 211. Astrophysical Journal, 2007, 670, 1188-1197.	1.6	77
193	Highâ€Resolution Imaging of Molecular Outflows in Massive Young Stars. Astrophysical Journal, 2007, 654, 361-372.	1.6	34
194	654 GHz Continuum and C 18 O(6-5) Observations of G240.31+0.07 with the Submillimeter Array. Astrophysical Journal, 2007, 654, L87-L90.	1.6	10
195	HH 212: Submillimeter Array Observations of a Remarkable Protostellar Jet. Astrophysical Journal, 2007, 659, 499-511.	1.6	69
196	Submillimeter Array Observations of 321 GHz Water Maser Emission in Cepheus A. Astrophysical Journal, 2007, 658, L55-L58.	1.6	20
197	The Outflow from the Luminous Young Stellar Object IRAS 20126+4104: From 4000 AU to 0.4 pc. Astrophysical Journal, 2007, 671, 571-580.	1.6	34
198	PROSAC: A Submillimeter Array Survey of Lowâ€Mass Protostars. I. Overview of Program: Envelopes, Disks, Outflows, and Hot Cores. Astrophysical Journal, 2007, 659, 479-498.	1.6	221

#	Article	IF	Citations
199	Submillimeter Array observations of 321 GHz water maser emission in Cepheus A. Proceedings of the International Astronomical Union, 2007, 3, 489-493.	0.0	0
200	Water Masers Associated with Infrared Dark Cloud Cores. Astrophysical Journal, 2006, 651, L125-L128.	1.6	80
201	Infall and Outflow around the HH 212 Protostellar System. Astrophysical Journal, 2006, 639, 292-302.	1.6	59
202	The Distribution of SiO in the Circumstellar Envelope around IRC +10216. Astrophysical Journal, 2006, 649, 965-972.	1.6	35
203	SiO J = 5-4 in the HH 211 Protostellar Jet Imaged with the Submillimeter Array. Astrophysical Journal, 2006, 636, L141-L144.	1.6	82
204	In Search of Circumstellar Disks around Young Massive Stars. Astronomical Journal, 2006, 131, 939-950.	1.9	36
205	Silicon Monoxide Observations Reveal a Cluster of Hidden Compact Outflows in the OMC 1 South Region. Astrophysical Journal, 2006, 653, 398-408.	1.6	37
206	The critical role of disks in the formation of high-mass stars. Nature, 2006, 444, 703-706.	13.7	47
207	Spherical Infall in G10.6-0.4: Accretion through an Ultracompact H ii Region. Astrophysical Journal, 2005, 624, L49-L52.	1.6	61
208	The Discovery of a Massive SCUBA Core with both Inflow and Outflow Motions. Astrophysical Journal, 2005, 628, L57-L60.	1.6	31
209	A Highly Collimated, Young, and Fast CO Outflow in OMC-1 South. Astrophysical Journal, 2005, 630, L85-L88.	1.6	35
210	Search for CO Outflows toward a Sample of 69 Highâ€Mass Protostellar Candidates. II. Outflow Properties. Astrophysical Journal, 2005, 625, 864-882.	1.6	225
211	An Infalling Torus of Molecular Gas around the Ultracompact HiiRegion G28.20â^'0.05. Astrophysical Journal, 2005, 631, 399-410.	1.6	29
212	Massive star disks. Proceedings of the International Astronomical Union, 2005, 1, 135-144.	0.0	12
213	A disk of dust and molecular gas around a high-mass protostar. Nature, 2005, 437, 109-111.	13.7	168
214	Early Results from the SMA. Symposium - International Astronomical Union, 2004, 221, 283-292.	0.1	0
215	Bipolar Molecular Outflows from Highâ€Mass Protostars. Astrophysical Journal, 2004, 604, 258-271.	1.6	35
216	Warm Molecular Gas in Galaxy-Galaxy Merger NGC 6090. Astrophysical Journal, 2004, 616, L67-L70.	1.6	15

#	Article	IF	Citations
217	Organic Molecules in Low-Mass Protostellar Hot Cores: Submillimeter Imaging of IRAS 16293-2422. Astrophysical Journal, 2004, 616, L27-L30.	1.6	118
218	Imaging the Disk around TW Hydrae with the Submillimeter Array. Astrophysical Journal, 2004, 616, L11-L14.	1.6	166
219	Submillimeter Array Observations of L1551 IRS 5 in CS J = 7-6. Astrophysical Journal, 2004, 616, L15-L18.	1.6	29
220	High-Velocity Bipolar Outflow and Disklike Envelope in the Carbon Star V Hydrae. Astrophysical Journal, 2004, 616, L43-L46.	1.6	40
221	The Case for Local Collapse in the W51 Starâ€forming Region. Astrophysical Journal, 2004, 606, 943-951.	1.6	28
222	The Formation of Massive Stars. I. Highâ€Resolution Millimeter and Radio Studies of Highâ€Mass Protostellar Candidates. Astrophysical Journal, 2002, 570, 758-778.	1.6	75
223	A Disk/Jet System toward the Highâ€Mass Young Star in AFGL 5142. Astrophysical Journal, 2002, 566, 982-992.	1.6	72
224	Search for CO Outflows toward a Sample of 69 High-Mass Protostellar Candidates: Frequency of Occurrence. Astrophysical Journal, 2001, 552, L167-L170.	1.6	136
225	Multifield Mosaic of the NGC 7538 Region. Astrophysical Journal, 2001, 550, 301-313.	1.6	22
226	Proper Motion of Water Masers Associated with IRAS 21391+5802: Bipolar Outflow and an AUâ€Scale Dusty Circumstellar Shell. Astrophysical Journal, 2000, 538, 268-274.	1.6	45
227	Shock-heated NH[TINF]3[/TINF] in a Molecular Jet Associated with a High-Mass Young Star. Astrophysical Journal, 1999, 527, L117-L120.	1.6	44
228	Dynamical Collapse in W51 Massive Cores: CS (3â€“2) and CH3CN Observations. Astrophysical Journal, 1998, 494, 636-656.	1.6	136
229	A Rotating Disk around a High-Mass Young Star. Astrophysical Journal, 1998, 505, L151-L154.	1.6	113
230	Dynamical Collapse in W51 Massive Cores: NH3Observations. Astrophysical Journal, 1997, 488, 241-257.	1.6	113
231	Star formation at the intermediate distances: Gravitational collapse in massive cores. AIP Conference Proceedings, 1997, , .	0.3	0
232	Isotopic CO Images near the Young Triple Star GSS 30. Astrophysical Journal, 1997, 475, 713-719.	1.6	13