Qizhou Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Search for CO Outflows toward a Sample of 69 Highâ€Mass Protostellar Candidates. II. Outflow Properties. Astrophysical Journal, 2005, 625, 864-882.	4.5	225
2	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.	4.5	221
3	Magnetic Fields in the Formation of Massive Stars. Science, 2009, 324, 1408-1411.	12.6	187
4	FRAGMENTATION AT THE EARLIEST PHASE OF MASSIVE STAR FORMATION. Astrophysical Journal, 2009, 696, 268-273.	4.5	182
5	A disk of dust and molecular gas around a high-mass protostar. Nature, 2005, 437, 109-111.	27.8	168
6	Imaging the Disk around TW Hydrae with the Submillimeter Array. Astrophysical Journal, 2004, 616, L11-L14.	4.5	166
7	MAGNETIC FIELDS AND MASSIVE STAR FORMATION. Astrophysical Journal, 2014, 792, 116.	4.5	142
8	FRAGMENTATION OF MOLECULAR CLUMPS AND FORMATION OF A PROTOCLUSTER. Astrophysical Journal, 2015, 804, 141.	4.5	139
9	Dynamical Collapse in W51 Massive Cores: CS (3–2) and CH3CN Observations. Astrophysical Journal, 1998, 494, 636-656.	4.5	136
10	Search for CO Outflows toward a Sample of 69 High-Mass Protostellar Candidates: Frequency of Occurrence. Astrophysical Journal, 2001, 552, L167-L170.	4.5	136
11	SMA OBSERVATIONS OF CLASS 0 PROTOSTARS: A HIGH ANGULAR RESOLUTION SURVEY OF PROTOSTELLAR BINARY SYSTEMS. Astrophysical Journal, 2013, 768, 110.	4.5	123
12	Organic Molecules in Low-Mass Protostellar Hot Cores: Submillimeter Imaging of IRAS 16293-2422. Astrophysical Journal, 2004, 616, L27-L30.	4.5	118
13	HIERARCHICAL FRAGMENTATION AND JET-LIKE OUTFLOWS IN IRDC G28.34+0.06: A GROWING MASSIVE PROTOSTAR CLUSTER. Astrophysical Journal, 2011, 735, 64.	4.5	116
14	Submillimeter Array Imaging of the CO(3–2) Line and 860 μm Continuum of Arp 220: Tracing the Spatial Distribution of Luminosity. Astrophysical Journal, 2008, 684, 957-977.	4.5	114
15	Dynamical Collapse in W51 Massive Cores: NH3Observations. Astrophysical Journal, 1997, 488, 241-257.	4.5	113
16	A Rotating Disk around a High-Mass Young Star. Astrophysical Journal, 1998, 505, L151-L154.	4.5	113
17	The ALMA Survey of 70 μm Dark High-mass Clumps in Early Stages (ASHES). I. Pilot Survey: Clump Fragmentation. Astrophysical Journal, 2019, 886, 102.	4.5	104
18	A rotating protostellar jet launched from the innermost disk of HH 212. Nature Astronomy, 2017, 1, .	10.1	102

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19	UNVEILING A NETWORK OF PARALLEL FILAMENTS IN THE INFRARED DARK CLOUD G14.225–0.506. Astrophysical Journal Letters, 2013, 764, L26.	8.3	88
20	ROTATION AND OUTFLOW MOTIONS IN THE VERY LOW-MASS CLASS 0 PROTOSTELLAR SYSTEM HH 211 AT SUBARCSECOND RESOLUTION. Astrophysical Journal, 2009, 699, 1584-1594.	4.5	87
21	THE GALACTIC CENTER CLOUD G0.253+0.016: A MASSIVE DENSE CLOUD WITH LOW STAR FORMATION POTENTIAL. Astrophysical Journal Letters, 2013, 765, L35.	8.3	86
22	EARLY STAGES OF CLUSTER FORMATION: FRAGMENTATION OF MASSIVE DENSE CORES DOWN TO â‰2 1000 A Astrophysical Journal, 2013, 762, 120.	U. 4.5	86
23	FROM THE CONVERGENCE OF FILAMENTS TO DISK-OUTFLOW ACCRETION: MASSIVE STAR FORMATION IN W33A. Astrophysical Journal, 2010, 725, 17-28.	4.5	85
24	The Galactic Center Molecular Cloud Survey. Astronomy and Astrophysics, 2017, 603, A89.	5.1	85
25	<i>Spitzer</i> IRAC and MIPS Imaging of Clusters and Outflows in Nine Highâ€Mass Star Forming Regions. Astrophysical Journal, 2008, 685, 1005-1025.	4.5	84
26	L1448 IRS2E: A CANDIDATE FIRST HYDROSTATIC CORE. Astrophysical Journal, 2010, 715, 1344-1351.	4.5	84
27	A Massive Prestellar Clump Hosting No High-mass Cores. Astrophysical Journal, 2017, 841, 97.	4.5	84
28	Self-similar fragmentation regulated by magnetic fields in a region forming massive stars. Nature, 2015, 520, 518-521.	27.8	83
29	SiO J = 5-4 in the HH 211 Protostellar Jet Imaged with the Submillimeter Array. Astrophysical Journal, 2006, 636, L141-L144.	4.5	82
30	Water Masers Associated with Infrared Dark Cloud Cores. Astrophysical Journal, 2006, 651, L125-L128.	4.5	80
31	The Early Evolution of Massive Stars: Radio Recombination Line Spectra. Astrophysical Journal, 2008, 672, 423-432.	4.5	80
32	Formation and Atmosphere of Complex Organic Molecules of the HH 212 Protostellar Disk. Astrophysical Journal, 2017, 843, 27.	4.5	80
33	Multiple Jets from the Highâ€Mass (Proto)stellar Cluster AFGL 5142. Astrophysical Journal, 2007, 658, 1152-1163.	4.5	78
34	Terahertz and far-infrared windows opened at Dome A in Antarctica. Nature Astronomy, 2017, 1, .	10.1	78
35	Submillimeter Arcsecondâ€Resolution Mapping of the Highly Collimated Protostellar Jet HH 211. Astrophysical Journal, 2007, 670, 1188-1197.	4.5	77
36	Filamentary Fragmentation and Accretion in High-mass Star-forming Molecular Clouds. Astrophysical Journal, 2018, 855, 9.	4.5	76

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37	The Formation of Massive Stars. I. Highâ€Resolution Millimeter and Radio Studies of Highâ€Mass Protostellar Candidates. Astrophysical Journal, 2002, 570, 758-778.	4.5	75
38	ALMA Observations of Dust Polarization and Molecular Line Emission from the Class 0 Protostellar Source Serpens SMM1. Astrophysical Journal, 2017, 847, 92.	4.5	74
39	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.	4.5	73
40	A Disk/Jet System toward the Highâ€Mass Young Star in AFGL 5142. Astrophysical Journal, 2002, 566, 982-992.	4.5	72
41	FORMATION OF AN O-STAR CLUSTER BY HIERARCHICAL ACCRETION IN G20.08–0.14 N. Astrophysical Journal, 2009, 706, 1036-1053.	4.5	72
42	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
43	Interferometric Observations of Magnetic Fields in Forming Stars. Frontiers in Astronomy and Space Sciences, 2019, 6, .	2.8	71
44	HH 212: Submillimeter Array Observations of a Remarkable Protostellar Jet. Astrophysical Journal, 2007, 659, 499-511.	4.5	69
45	SiO Shocks of the Protostellar Jet HH 212: A Search for Jet Rotation. Astrophysical Journal, 2008, 685, 1026-1032.	4.5	67
46	FRAGMENTATION OF MASSIVE DENSE CORES DOWN TO â‰ ² 1000 AU: RELATION BETWEEN FRAGMENTATION DENSITY STRUCTURE. Astrophysical Journal, 2014, 785, 42.	AND 4.5	66
47	SUBMILLIMETER ARRAY OBSERVATIONS OF THE MOLECULAR OUTFLOW IN HIGH-MASS STAR-FORMING REGION G240.31+0.07. Astrophysical Journal, 2009, 696, 66-74.	4.5	65
48	VERY LARGE ARRAY OBSERVATIONS OF AMMONIA IN HIGH-MASS STAR FORMATION REGIONS. Astrophysical Journal, 2014, 790, 84.	4.5	65
49	Spherical Infall in G10.6-0.4: Accretion through an Ultracompact H ii Region. Astrophysical Journal, 2005, 624, L49-L52.	4.5	61
50	Infall and Outflow around the HH 212 Protostellar System. Astrophysical Journal, 2006, 639, 292-302.	4.5	59
51	ALMA RESOLVES THE SPIRALING ACCRETION FLOW IN THE LUMINOUS OB CLUSTER-FORMING REGION G33.92+0.11. Astrophysical Journal, 2015, 804, 37.	4.5	58
52	DENSE CORE PROPERTIES IN THE INFRARED DARK CLOUD G14.225-0.506 REVEALED BY ALMA. Astrophysical Journal, 2016, 833, 209.	4.5	58
53	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
54	PROTOSTELLAR OUTFLOW HEATING IN A GROWING MASSIVE PROTOCLUSTER. Astrophysical Journal Letters, 2012, 745, L30.	8.3	56

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55	Filamentary Accretion Flows in the Infrared Dark Cloud G14.225–0.506 Revealed by ALMA. Astrophysical Journal, 2019, 875, 24.	4.5	56
56	FRAGMENTATION AND OB STAR FORMATION IN HIGH-MASS MOLECULAR HUB-FILAMENT SYSTEMS. Astrophysical Journal, 2012, 756, 10.	4.5	55
57	Infall Signatures in a Prestellar Core Embedded in the High-mass 70 μm Dark IRDC G331.372-00.116. Astrophysical Journal, 2018, 861, 14.	4.5	55
58	THE REFLECTION-SYMMETRIC WIGGLE OF THE YOUNG PROTOSTELLAR JET HH 211. Astrophysical Journal, 2010, 713, 731-737.	4.5	54
59	First detection of equatorial dark dust lane in a protostellar disk at submillimeter wavelength. Science Advances, 2017, 3, e1602935.	10.3	53
60	Magnetic field in a young circumbinary disk. Astronomy and Astrophysics, 2018, 616, A56.	5.1	52
61	OUTFLOWS, ACCRETION, AND CLUSTERED PROTOSTELLAR CORES AROUND A FORMING O STAR. Astrophysical Journal, 2011, 728, 6.	4.5	51
62	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.	4.4	50
63	The TOP-SCOPE Survey of <i>Planck</i> 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
64	UNVEILING THE PHYSICAL PROPERTIES AND KINEMATICS OF MOLECULAR GAS IN THE ANTENNAE GALAXIES (NGC 4038/9) THROUGH HIGH-RESOLUTION CO (<i>J</i> 3-2) OBSERVATIONS. Astrophysical Journal, 2012, 745, 65.	4.5	49
65	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.	8.3	48
66	JET MOTION, INTERNAL WORKING SURFACES, AND NESTED SHELLS IN THE PROTOSTELLAR SYSTEM HH 212. Astrophysical Journal, 2015, 805, 186.	4.5	48
67	The critical role of disks in the formation of high-mass stars. Nature, 2006, 444, 703-706.	27.8	47
68	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.	4.5	45
69	IRDC G030.88+00.13: A TALE OF TWO MASSIVE CLUMPS. Astrophysical Journal, 2011, 733, 26.	4.5	45
70	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions – I. Survey description and a first look at G9.62+0.19. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2790-2820.	4.4	45
71	DISCOVERY OF EXTREMELY HIGH VELOCITY "MOLECULAR BULLETS―IN THE HH 80-81 HIGH-MASS STAR-FORMING REGION. Astrophysical Journal, 2009, 702, L66-L71.	4.5	44
72	SUBMILLIMETER ARRAY AND <i>SPITZER</i> OBSERVATIONS OF BOK GLOBULE CB 17: A CANDIDATE FIRST HYDROSTATIC CORE?. Astrophysical Journal, 2012, 751, 89.	4.5	44

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73	Shock-heated NH[TINF]3[/TINF] in a Molecular Jet Associated with a High-Mass Young Star. Astrophysical Journal, 1999, 527, L117-L120.	4.5	44
74	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.	4.4	43
75	THE ORIGIN OF OB CLUSTERS: FROM 10 pc TO 0.1 pc. Astrophysical Journal, 2012, 745, 61.	4.5	42
76	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.	4.5	42
77	The Galactic Center Molecular Cloud Survey. Astronomy and Astrophysics, 2017, 603, A90.	5.1	42
78	CORE AND FILAMENT FORMATION IN MAGNETIZED, SELF-GRAVITATING ISOTHERMAL LAYERS. Astrophysical Journal, 2014, 789, 37.	4.5	41
79	THE IMPORTANCE OF THE MAGNETIC FIELD FROM AN SMA-CSO-COMBINED SAMPLE OF STAR-FORMING REGIONS. Astrophysical Journal, 2014, 797, 99.	4.5	41
80	WHAT IS CONTROLLING THE FRAGMENTATION IN THE INFRARED DARK CLOUD G14.225–0.506?: DIFFERENT LEVELS OF FRAGMENTATION IN TWIN HUBS. Astrophysical Journal, 2016, 819, 139.	4.5	41
81	HELICAL MAGNETIC FIELDS IN THE NGC 1333 IRAS 4A PROTOSTELLAR OUTFLOWS. Astrophysical Journal, 2016, 819, 159.	4.5	41
82	ALMA Reveals Sequential High-mass Star Formation in the G9.62+0.19 Complex. Astrophysical Journal, 2017, 849, 25.	4.5	41
83	Gravity-driven Magnetic Field at â^¼1000 au Scales in High-mass Star Formation. Astrophysical Journal Letters, 2021, 915, L10.	8.3	41
84	High-Velocity Bipolar Outflow and Disklike Envelope in the Carbon Star V Hydrae. Astrophysical Journal, 2004, 616, L43-L46.	4.5	40
85	G11.92–0.61-MM2: A BONAFIDE MASSIVE PRESTELLAR CORE?. Astrophysical Journal Letters, 2014, 796, L2.	8.3	40
86	A 100 au Wide Bipolar Rotating Shell Emanating from the HH 212 Protostellar Disk: A Disk Wind?. Astrophysical Journal, 2018, 856, 14.	4.5	39
87	SMA observations of polarized dust emission in solar-type Class 0 protostars: Magnetic field properties at envelope scales. Astronomy and Astrophysics, 2018, 616, A139.	5.1	39
88	Formation of Massive Protostellar Clusters—Observations of Massive 70Âμm Dark Molecular Clouds. Astrophysical Journal, 2019, 886, 130.	4.5	39
89	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.	4.5	38
90	Magnetic Fields in the Infrared Dark Cloud G34.43+0.24. Astrophysical Journal, 2019, 883, 95.	4.5	38

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91	Silicon Monoxide Observations Reveal a Cluster of Hidden Compact Outflows in the OMC 1 South Region. Astrophysical Journal, 2006, 653, 398-408.	4.5	37
92	Hierarchical Fragmentation in the Perseus Molecular Cloud: From the Cloud Scale to Protostellar Objects. Astrophysical Journal, 2018, 853, 5.	4.5	37
93	The ALMA Survey of 70 μm Dark High-mass Clumps in Early Stages (ASHES). II. Molecular Outflows in the Extreme Early Stages of Protocluster Formation. Astrophysical Journal, 2020, 903, 119.	4.5	37
94	In Search of Circumstellar Disks around Young Massive Stars. Astronomical Journal, 2006, 131, 939-950.	4.7	36
95	Massive and low-mass protostars in massive "starless―cores. Astronomy and Astrophysics, 2019, 622, A54.	5.1	36
96	ALMA Observations of Fragmentation, Substructure, and Protostars in High-mass Starless Clump Candidates. Astrophysical Journal, 2019, 886, 36.	4.5	36
97	Bipolar Molecular Outflows from Highâ€Mass Protostars. Astrophysical Journal, 2004, 604, 258-271.	4.5	35
98	A Highly Collimated, Young, and Fast CO Outflow in OMC-1 South. Astrophysical Journal, 2005, 630, L85-L88.	4.5	35
99	The Distribution of SiO in the Circumstellar Envelope around IRC +10216. Astrophysical Journal, 2006, 649, 965-972.	4.5	35
100	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.	4.4	35
101	Highâ€Resolution Imaging of Molecular Outflows in Massive Young Stars. Astrophysical Journal, 2007, 654, 361-372.	4.5	34
102	The Outflow from the Luminous Young Stellar Object IRAS 20126+4104: From 4000 AU to 0.4 pc. Astrophysical Journal, 2007, 671, 571-580.	4.5	34
103	FROM POLOIDAL TO TOROIDAL: DETECTION OF A WELL-ORDERED MAGNETIC FIELD IN THE HIGH-MASS PROTOCLUSTER G35.2–0.74 N. Astrophysical Journal, 2013, 779, 182.	4.5	34
104	The Molecular Gas Environment in the 20 km s ^{â^'1} Cloud in the Central Molecular Zone. Astrophysical Journal, 2017, 839, 1.	4.5	34
105	THE DECREASE OF SPECIFIC ANGULAR MOMENTUM AND THE HOT TOROID FORMATION: THE MASSIVE CLUMP G10.6–0.4. Astrophysical Journal, 2010, 722, 262-272.	4.5	32
106	OUTFLOW DETECTION IN A 70 μm DARK HIGH-MASS CORE. Astrophysical Journal, 2016, 828, 100.	4.5	32
107	Magnetic Fields in the Massive Dense Cores of the DR21 Filament: Weakly Magnetized Cores in a Strongly Magnetized Filament. Astrophysical Journal, 2017, 838, 121.	4.5	32
108	Star Formation Rates of Massive Molecular Clouds in the Central Molecular Zone. Astrophysical Journal, 2019, 872, 171.	4.5	32

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109	The Discovery of a Massive SCUBA Core with both Inflow and Outflow Motions. Astrophysical Journal, 2005, 628, L57-L60.	4.5	31
110	INTERMEDIATE-MASS HOT CORES AT â^1⁄4500 AU: DISKS OR OUTFLOWS?. Astrophysical Journal Letters, 2011, 743, L32.	8.3	31
111	DISCOVERY OF AN EXTREMELY WIDE-ANGLE BIPOLAR OUTFLOW IN AFGL 5142. Astrophysical Journal, 2016, 824, 31.	4.5	31
112	PLANCK COLD CLUMPS IN THE λ 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. Astrophysical Journal, Supplement Series, 2016, 222, 7.	7.7	31
113	A HOT AND MASSIVE ACCRETION DISK AROUND THE HIGH-MASS PROTOSTAR IRAS 20126+4104. Astrophysical Journal, 2016, 823, 125.	4.5	31
114	Multidirectional Mass Accretion and Collimated Outflows on Scales of 100–2000 au in Early Stages of High-mass Protostars. Astrophysical Journal, 2020, 905, 25.	4.5	31
115	DEUTERIUM FRACTIONATION AS AN EVOLUTIONARY PROBE IN THE INFRARED DARK CLOUD G28.34+0.06. Astrophysical Journal Letters, 2010, 713, L50-L54.	8.3	30
116	A SiO JÂ=Â5Â→Â4 Survey Toward Massive Star Formation Regions. Astrophysical Journal, 2019, 878, 29.	4.5	30
117	Submillimeter Array Observations of L1551 IRS 5 in CS J = 7-6. Astrophysical Journal, 2004, 616, L15-L18.	4.5	29
118	An Infalling Torus of Molecular Gas around the Ultracompact HiiRegion G28.20â^0.05. Astrophysical Journal, 2005, 631, 399-410.	4.5	29
119	AN OVERALL PICTURE OF THE GAS FLOW IN A MASSIVE CLUSTER-FORMING REGION: THE CASE OF G10.6–0.4. Astrophysical Journal, 2011, 729, 100.	4.5	29
120	MAGNETICALLY DOMINATED PARALLEL INTERSTELLAR FILAMENTS IN THE INFRARED DARK CLOUD G14.225-0.506*. Astrophysical Journal, 2016, 832, 186.	4.5	29
121	Massive-star Formation via the Collapse of Subvirial and Virialized Turbulent Massive Cores. Astrophysical Journal, 2019, 887, 108.	4.5	29
122	The Case for Local Collapse in the W51 Starâ€forming Region. Astrophysical Journal, 2004, 606, 943-951.	4.5	28
123	FORMING AN O STAR VIA DISK ACCRETION?. Astrophysical Journal, 2012, 756, 170.	4.5	28
124	THE HIGH-VELOCITY MOLECULAR OUTFLOWS IN MASSIVE CLUSTER-FORMING REGION G10.6–0.4. Astrophysical Journal, 2010, 725, 2190-2208.	4.5	27
125	CMZoom: Survey Overview and First Data Release. Astrophysical Journal, Supplement Series, 2020, 249, 35.	7.7	27
126	Does the Magnetic Field Suppress Fragmentation in Massive Dense Cores?. Astrophysical Journal, 2021, 912, 159.	4.5	26

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127	IRAS 22198+6336: DISCOVERY OF AN INTERMEDIATE-MASS HOT CORE. Astrophysical Journal Letters, 2010, 721, L107-L111.	8.3	25
128	TIME MONITORING OF RADIO JETS AND MAGNETOSPHERES IN THE NEARBY YOUNG STELLAR CLUSTER R CORONAE AUSTRALIS. Astrophysical Journal, 2014, 780, 155.	4.5	25
129	INITIAL FRAGMENTATION IN THE INFRARED DARK CLOUD G28.53â^'0.25. Astrophysical Journal, 2015, 805, 171.	4.5	25
130	Surveys of Clumps, Cores, and Condensations in Cygnus X. I. A New Catalog of â^1⁄40.1 pc Massive Dense Cores. Astrophysical Journal, Supplement Series, 2019, 241, 1.	7.7	25
131	DEEPLY EMBEDDED PROTOSTELLAR POPULATION IN THE 20 km s ^{â^'1} CLOUD OF THE CENTRAL MOLECULAR ZONE. Astrophysical Journal Letters, 2015, 814, L18.	8.3	24
132	A Census of Early-phase High-mass Star Formation in the Central Molecular Zone. Astrophysical Journal, Supplement Series, 2019, 244, 35.	7.7	24
133	GAS KINEMATICS AND THE DRAGGED MAGNETIC FIELD IN THE HIGH-MASS MOLECULAR OUTFLOW SOURCE G192.16–3.84: AN SMA VIEW. Astrophysical Journal, 2013, 771, 71.	4.5	23
134	ATOMS: ALMA three-millimeter observations of massive star-forming regions – III. Catalogues of candidate hot molecular cores and hyper/ultra compact H <scp>ii</scp> regions. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2801-2818.	4.4	23
135	The ALMA Survey of 70 μm Dark High-mass Clumps in Early Stages (ASHES). IV. Star Formation Signatures in G023.477. Astrophysical Journal, 2021, 923, 147.	4.5	23
136	Multifield Mosaic of the NGC 7538 Region. Astrophysical Journal, 2001, 550, 301-313.	4.5	22
137	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
138	Subarcsecond Imaging of the Complex Organic Chemistry in Massive Star-forming Region G10.6-0.4. Astrophysical Journal, 2021, 909, 214.	4.5	21
139	An Evolved Disk Surrounding the Massive Main-Sequence Star MWC 297?. Astrophysical Journal, 2007, 667, L187-L190.	4.5	20
140	Submillimeter Array Observations of 321 GHz Water Maser Emission in Cepheus A. Astrophysical Journal, 2007, 658, L55-L58.	4.5	20
141	Angular Momentum in Disk Wind Revealed in the Young Star MWC 349A. Astrophysical Journal, 2017, 837, 53.	4.5	20
142	Magnetized Converging Flows toward the Hot Core in the Intermediate/High-mass Star-forming Region NGC 6334 V. Astrophysical Journal, 2017, 844, 44.	4.5	20
143	Subsonic islands within a high-mass star-forming infrared dark cloud. Astronomy and Astrophysics, 2018, 611, L3.	5.1	20
144	ATOMS: ALMA three-millimeter observations of massive star-forming regions – II. Compact objects in ACA observations and star formation scaling relations. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2821-2835.	4.4	20

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145	Magnetic Fields in the Early Stages of Massive Star Formation as Revealed by ALMA. Astrophysical Journal, 2020, 895, 142.	4.5	20
146	ALMA Observations of Massive Clouds in the Central Molecular Zone: Jeans Fragmentation and Cluster Formation. Astrophysical Journal Letters, 2020, 894, L14.	8.3	20
147	Calibrating the Davis–Chandrasekhar–Fermi Method with Numerical Simulations: Uncertainties in Estimating the Magnetic Field Strength from Statistics of Field Orientations. Astrophysical Journal, 2021, 919, 79.	4.5	20
148	Magnetic Fields in Star Formation: A Complete Compilation of All the DCF Estimations. Astrophysical Journal, 2022, 925, 30.	4.5	20
149	ROTATING BULLETS FROM A VARIABLE PROTOSTAR. Astrophysical Journal, 2016, 824, 72.	4.5	19
150	ALMA Observations of NGC 6334S. I. Forming Massive Stars and Clusters in Subsonic and Transonic Filamentary Clouds. Astrophysical Journal, 2020, 896, 110.	4.5	19
151	Star formation in â€~the Brick': 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.	4.4	19
152	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions – XI. From inflow to infall in hub-filament systems. Monthly Notices of the Royal Astronomical Society, 2022, 514, 6038-6052.	4.4	19
153	DISCOVERY OF A BINARY SYSTEM IN IRAM 04191+1522. Astrophysical Journal Letters, 2012, 747, L43.	8.3	18
154	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
155	DIFFERENT EVOLUTIONARY STAGES IN THE MASSIVE STAR-FORMING REGION W3 MAIN COMPLEX. Astrophysical Journal, 2012, 754, 87.	4.5	17
156	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.	4.5	17
157	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.	4.5	17
158	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions – V. Hierarchical fragmentation and gas dynamics in IRDC G034.43+00.24. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5009-5022.	4.4	17
159	ALMA Observations Reveal No Preferred Outflow-filament and Outflow-magnetic Field Orientations in Protoclusters. Astrophysical Journal, 2020, 890, 44.	4.5	16
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