

Di Li

List of Publications by Year in descending order

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256
papers

7,312
citations

76326

40
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79698

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all docs

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docs citations

259
times ranked

4620
citing authors

#	ARTICLE	IF	CITATIONS
1	THE FIVE-HUNDRED-METER APERTURE SPHERICAL RADIO TELESCOPE (FAST) PROJECT. International Journal of Modern Physics D, 2011, 20, 989-1024.	2.1	616
2	Large-scale Structure of the Molecular Gas in Taurus Revealed by High Linear Dynamic Range Spectral Line Mapping. Astrophysical Journal, 2008, 680, 428-445.	4.5	364
3	The COMPLETE Survey of Star-Forming Regions: Phase I Data. Astronomical Journal, 2006, 131, 2921-2933.	4.7	227
4	THE RELATION BETWEEN GAS AND DUST IN THE TAURUS MOLECULAR CLOUD. Astrophysical Journal, 2010, 721, 686-708.	4.5	191
5	FAST in Space: Considerations for a Multibeam, Multipurpose Survey Using China's 500-m Aperture Spherical Radio Telescope (FAST). IEEE Microwave Magazine, 2018, 19, 112-119.	0.8	174
6	The fundamental performance of FAST with 19-beam receiver at L band. Research in Astronomy and Astrophysics, 2020, 20, 064.	1.7	157
7	Commissioning progress of the FAST. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	150
8	HERSCHEL MEASUREMENTS OF MOLECULAR OXYGEN IN ORION. Astrophysical Journal, 2011, 737, 96.	4.5	138
9	A bimodal burst energy distribution of a repeating fast radio burst source. Nature, 2021, 598, 267-271.	27.8	129
10	THE MAGNETIC FIELD IN TAURUS PROBED BY INFRARED POLARIZATION. Astrophysical Journal, 2011, 741, 21.	4.5	128
11	HiNarrow Self-Absorption in Dark Clouds. Astrophysical Journal, 2003, 585, 823-839.	4.5	122
12	HiNarrow Self-Absorption in Dark Clouds: Correlations with Molecular Gas and Implications for Cloud Evolution and Star Formation. Astrophysical Journal, 2005, 622, 938-958.	4.5	110
13	C ⁺ detection of warm dark gas in diffuse clouds. Astronomy and Astrophysics, 2010, 521, L17.	5.1	108
14	EVOLUTION OF OH AND CO-DARK MOLECULAR GAS FRACTION ACROSS A MOLECULAR CLOUD BOUNDARY IN TAURUS. Astrophysical Journal, 2016, 819, 22.	4.5	104
15	No pulsed radio emission during a bursting phase of a Galactic magnetar. Nature, 2020, 587, 63-65.	27.8	101
16	A repeating fast radio burst associated with a persistent radio source. Nature, 2022, 606, 873-877.	27.8	98
17	The Five College Radio Astronomy Observatory CO Mapping Survey of the Taurus Molecular Cloud. Astrophysical Journal, Supplement Series, 2008, 177, 341-361.	7.7	96
18	Multi-line detection of O ₂ toward Ophiuchi A. Astronomy and Astrophysics, 2012, 541, A73.	5.1	84

#	ARTICLE	IF	CITATIONS
19	Quasi-Periodic Pulsations in Solar and Stellar Flares: A Review of Underpinning Physical Mechanisms and Their Predicted Observational Signatures. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	81
20	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
21	ICÂ348-SMM2E: a Class 0 proto-brown dwarf candidate forming as a scaled-down version of low-mass stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 833-845.	4.4	74
22	The Fiveâ€hundredâ€meter Aperture Spherical Radio Telescope project. <i>Radio Science</i> , 2016, 51, 1060-1064.	1.6	73
23	The Transition from Atomic to Molecular Hydrogen in Interstellar Clouds: 21 cm Signature of the Evolution of Cold Atomic Hydrogen in Dense Clouds. <i>Astrophysical Journal</i> , 2007, 654, 273-289.	4.5	69
24	Pulsar science with the Five hundred metre Aperture Spherical Telescope. <i>Astronomy and Astrophysics</i> , 2009, 505, 919-926.	5.1	64
25	GAS EMISSIONS IN PLANCK COLD DUST CLUMPSâ€A SURVEY OF THE $J = 1-0$ TRANSITIONS OF ^{12}CO , ^{13}CO , AND C^{18}O . <i>Astrophysical Journal</i> , 2012, 756, 76.	4.5	63
26	HIGH-RESOLUTION SUBMILLIMETER MULTILINE OBSERVATIONS OF G19.61 â€“ 0.23: SMALL-SCALE CHEMISTRY. <i>Astrophysical Journal</i> , 2010, 711, 399-416.	4.5	60
27	MASSIVE QUIESCENT CORES IN ORION: DYNAMICAL STATE REVEALED BY HIGH-RESOLUTION AMMONIA MAPS. <i>Astrophysical Journal Letters</i> , 2013, 768, L5.	8.3	59
28	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
29	Frequency-dependent polarization of repeating fast radio burstsâ€implications for their origin. <i>Science</i> , 2022, 375, 1266-1270.	12.6	55
30	The Gravitational-wave physics II: Progress. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	54
31	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
32	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
33	Dustâ€Gas Scaling Relations and OH Abundance in the Galactic ISM. <i>Astrophysical Journal</i> , 2018, 862, 49.	4.5	49
34	Massive Quiescent Cores in Orion. I. Temperature Structure. <i>Astrophysical Journal</i> , 2003, 587, 262-277.	4.5	47
35	A First Look at BISTRO Observations of the Î•Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
36	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€ I. Survey description and a first look at G9.62+0.19. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2790-2820.	4.4	45

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37	Where is OH and Does It Trace the Dark Molecular Gas (DMG)?. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 1.	7.7	42
38	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
39	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. <i>Astrophysical Journal Letters</i> , 2020, 902, L46.	8.3	42
40	Astrochemical Properties of Planck Cold Clumps. <i>Astrophysical Journal, Supplement Series</i> , 2017, 228, 12.	7.7	41
41	ALMA Reveals Sequential High-mass Star Formation in the G9.62+0.19 Complex. <i>Astrophysical Journal</i> , 2017, 849, 25.	4.5	41
42	Dust polarized emission observations of NGC 6334. <i>Astronomy and Astrophysics</i> , 2021, 647, A78.	5.1	41
43	¹³ CO CORES IN THE TAURUS MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2012, 760, 147.	4.5	40
44	[CII] observations of H ₂ molecular layers in transition clouds. <i>Astronomy and Astrophysics</i> , 2010, 521, L18.	5.1	39
45	OUTFLOWS AND BUBBLES IN TAURUS: STAR-FORMATION FEEDBACK SUFFICIENT TO MAINTAIN TURBULENCE. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 20.	7.7	39
46	Nearly all Massive Quiescent Disk Galaxies Have a Surprisingly Large Atomic Gas Reservoir. <i>Astrophysical Journal Letters</i> , 2019, 884, L52.	8.3	39
47	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
48	STAR FORMATION LAWS IN BOTH GALACTIC MASSIVE CLUMPS AND EXTERNAL GALAXIES: EXTENSIVE STUDY WITH DUST CONTINUUM, HCN (4-3), AND CS (7-6). <i>Astrophysical Journal</i> , 2016, 829, 59.	4.5	38
49	CLOUD STRUCTURE OF GALACTIC OB CLUSTER-FORMING REGIONS FROM COMBINING GROUND- AND SPACE-BASED BOLOMETRIC OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 828, 32.	4.5	38
50	Discovery of two new pulsars in 47 Tucanae (NGC 104). <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 459, L26-L30.	3.3	38
51	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core κ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
52	The first pulsar discovered by FAST. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	38
53	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
54	FAST Globular Cluster Pulsar Survey: Twenty-four Pulsars Discovered in 15 Globular Clusters. <i>Astrophysical Journal Letters</i> , 2021, 915, L28.	8.3	37

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55	Preface: Planning the scientific applications of the Five-hundred-meter Aperture Spherical radio Telescope. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 016.	1.7	36
56	CHARACTERIZATION OF MOLECULAR OUTFLOWS IN THE SUBSTELLAR DOMAIN. <i>Astrophysical Journal</i> , 2014, 795, 70.	4.5	35
57	Evidence for large grains in the star-forming filament OMC 2/3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2303-2312.	4.4	34
58	MOLECULAR HYDROGEN EMISSION FROM THE BOUNDARIES OF THE TAURUS MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2010, 715, 1370-1382.	4.5	33
59	Cloud Structure of Three Galactic Infrared Dark Star-forming Regions from Combining Ground- and Space-based Bolometric Observations. <i>Astrophysical Journal</i> , 2017, 840, 22.	4.5	33
60	Tentative Detection of Molecular Oxygen in the ρ -Ophiuchi Cloud. <i>Astrophysical Journal</i> , 2002, 576, 814-831.	4.5	33
61	HERSCHEL SEARCH FOR O_2 TOWARD THE ORION BAR. <i>Astrophysical Journal</i> , 2012, 752, 26.	4.5	32
62	A sample of $[C\ II]$ clouds tracing dense clouds in weak FUV fields observed by <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2010, 521, L19.	5.1	31
63	IS THE TAURUS B213 REGION A TRUE FILAMENT?: OBSERVATIONS OF MULTIPLE CYANOACETYLENE TRANSITIONS. <i>Astrophysical Journal</i> , 2012, 756, 12.	4.5	31
64	DISCOVERY OF AN EXTREMELY WIDE-ANGLE BIPOLAR OUTFLOW IN AFGL 5142. <i>Astrophysical Journal</i> , 2016, 824, 31.	4.5	31
65	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
66	A Fast Radio Burst Discovered in FAST Drift Scan Survey. <i>Astrophysical Journal Letters</i> , 2020, 895, L6.	8.3	31
67	CRAFTS for Fast Radio Bursts: Extending the Dispersion-Fluence Relation with New FRBs Detected by FAST. <i>Astrophysical Journal Letters</i> , 2021, 909, L8.	8.3	31
68	Intensity distribution function and statistical properties of fast radio bursts. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 6.	1.7	30
69	Massive Quiescent Cores in Orion. II. Core Mass Function. <i>Astrophysical Journal</i> , 2007, 655, 351-363.	4.5	28
70	An Improved Technique for Measurement of Cold H_2 in Molecular Cloud Cores. <i>Astrophysical Journal</i> , 2008, 689, 276-289.	4.5	28
71	Distance to the SNR CTB109/AXP 1E 2259+586 by H_2 absorption and self-absorption. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 404, L1-L5.	3.3	28
72	PSR J1926-0652: A Pulsar with Interesting Emission Properties Discovered at FAST. <i>Astrophysical Journal</i> , 2019, 877, 55.	4.5	28

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73	Evidence for three-dimensional spin-velocity alignment in a pulsar. <i>Nature Astronomy</i> , 2021, 5, 788-795.	10.1	28
74	First SETI Observations with China's Five-hundred-meter Aperture Spherical Radio Telescope (FAST). <i>Astrophysical Journal</i> , 2020, 891, 174.	4.5	27
75	SiO and CH ₃ OH mega-masers in NGC 1068. <i>Nature Communications</i> , 2014, 5, 5449.	12.8	26
76	GAS KINEMATICS AND STAR FORMATION IN THE FILAMENTARY IRDC G34.43+0.24. <i>Astrophysical Journal</i> , 2016, 819, 117.	4.5	26
77	Pulsar candidate selection using ensemble networks for FAST drift-scan survey. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	26
78	An in-depth investigation of 11 pulsars discovered by FAST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3515-3530.	4.4	26
79	FAST discovery of an extremely radio-faint millisecond pulsar from the Fermi-LAT unassociated source 3FGL J0318.1+0252. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	25
80	Physical properties of CO-dark molecular gas traced by C ¹⁸ O. <i>Astronomy and Astrophysics</i> , 2016, 593, A42.	5.1	24
81	Status and perspectives of the CRAFTS extra-galactic HI survey. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	24
82	A Search for 6.7 GHz Methanol Masers in OH Megamaser Galaxies at 0.11 Mpc. <i>Astronomical Journal</i> , 2003, 125, 1177-1181.	4.7	23
83	SULFUR-BEARING MOLECULES IN MASSIVE STAR-FORMING REGIONS: OBSERVATIONS OF OCS, CS, H ₂ S, AND SO. <i>Astrophysical Journal</i> , 2015, 802, 40.	4.5	23
84	Pulsar candidate classification using generative adversary networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5424-5439.	4.4	23
85	ATOMS: ALMA three-millimeter observations of massive star-forming regions III. Catalogues of candidate hot molecular cores and hyper/ultra compact H ₂ regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2801-2818.	4.4	23
86	Planck Cold Clumps in the ρ Orionis Complex. II. Environmental Effects on Core Formation. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 51.	7.7	22
87	SCOPE: SCUBA-2 Continuum Observations of Pre-protostellar Evolution survey description and compact source catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2895-2908.	4.4	22
88	The FAST Discovery of an Eclipsing Binary Millisecond Pulsar in the Globular Cluster M92 (NGC 6341). <i>Astrophysical Journal Letters</i> , 2020, 892, L6.	8.3	22
89	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
90	Dichotomy in the Dynamical Status of Massive Cores in Orion. <i>Astrophysical Journal</i> , 2008, 688, L87-L90.	4.5	21

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91	Widespread Presence of Glycolaldehyde and Ethylene Glycol around Sagittarius B2. <i>Astrophysical Journal</i> , 2017, 849, 115.	4.5	21
92	Physical properties and chemical composition of the cores in the California molecular cloud. <i>Astronomy and Astrophysics</i> , 2018, 620, A163.	5.1	21
93	The ASKAP EMU Early Science Project: radio continuum survey of the Small Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1202-1219.	4.4	21
94	Discovery and Timing of Pulsars in the Globular Cluster M13 with FAST. <i>Astrophysical Journal</i> , 2020, 892, 43.	4.5	21
95	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
96	An early transition to magnetic supercriticality in star formation. <i>Nature</i> , 2022, 601, 49-52.	27.8	21
97	<i>Herschel</i> and SCUBA-2 observations of dust emission in a sample of <i>Planck</i> cold clumps. <i>Astronomy and Astrophysics</i> , 2018, 612, A71.	5.1	20
98	ATOMS: ALMA three-millimeter observations of massive star-forming regions â€“ II. Compact objects in ACA observations and star formation scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2821-2835.	4.4	20
99	DISTRIBUTION OF WATER VAPOR IN MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2011, 727, 13.	4.5	19
100	A NEW METHOD FOR CONSTRAINING MOLECULAR CLOUD THICKNESS: A STUDY OF TAURUS, PERSEUS, AND OPHIUCHUS. <i>Astrophysical Journal</i> , 2015, 811, 71.	4.5	19
101	CH AS A MOLECULAR GAS TRACER AND C-SHOCK TRACER ACROSS A MOLECULAR CLOUD BOUNDARY IN TAURUS. <i>Astrophysical Journal</i> , 2016, 833, 90.	4.5	19
102	A fast radio burst in the direction of the Virgo Cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1-8.	4.4	19
103	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
104	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€“ XI. From inflow to infall in hub-filament systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 6038-6052.	4.4	19
105	Studies of Turbulence Dissipation in the Taurus Molecular Cloud with Core Velocity Dispersion. <i>Astrophysical Journal</i> , 2018, 864, 116.	4.5	18
106	Temporal Scattering, Depolarization, and Persistent Radio Emission from Magnetized Inhomogeneous Environments near Repeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2022, 928, L16.	8.3	18
107	ALMA Observations of Vibrationally Excited HC₃N Lines Toward Orion KL. <i>Astrophysical Journal</i> , 2017, 837, 49.	4.5	17
108	Fast radio bursts: do repeaters and non-repeaters originate in statistically similar ensembles?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3275-3280.	4.4	17

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109	The TMRT K band observations towards 26 infrared dark clouds: NH ₃ , CCS, and HC ₃ N. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	17
110	FAST early pulsar discoveries: Effelsberg follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 300-314.	4.4	17
111	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions – V. Hierarchical fragmentation and gas dynamics in IRDC G034.43+00.24. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5009-5022.	4.4	17
112	ALMA Observations Reveal No Preferred Outflow-filament and Outflow-magnetic Field Orientations in Protoclusters. <i>Astrophysical Journal</i> , 2020, 890, 44.	4.5	16
113	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
114	Observations of Magnetic Fields Surrounding LkH101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
115	Energy and Waiting Time Distributions of FRB 121102 Observed by FAST. <i>Astrophysical Journal Letters</i> , 2021, 920, L23.	8.3	16
116	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
117	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
118	The Large Dispersion and Scattering of FRB 20190520B Are Dominated by the Host Galaxy. <i>Astrophysical Journal</i> , 2022, 931, 87.	4.5	16
119	Sulfur-bearing Molecules in Orion KL. <i>Astrophysical Journal</i> , 2019, 885, 82.	4.5	15
120	From Haloes to Galaxies. II. The Fundamental Relations in Star Formation and Quenching. <i>Astrophysical Journal</i> , 2021, 907, 114.	4.5	15
121	Molecular Cloud Cores with a High Deuterium Fraction: Nobeyama Single-pointing Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 33.	7.7	15
122	Detecting radio afterglows of gamma-ray bursts with FAST. <i>Research in Astronomy and Astrophysics</i> , 2015, 15, 237-251.	1.7	14
123	OH Survey along Sightlines of Galactic Observations of Terahertz C+. <i>Astrophysical Journal</i> , 2017, 839, 8.	4.5	14
124	Observations of Water Vapor Outflow from NML Cygnus. <i>Astrophysical Journal</i> , 2004, 610, 427-435.	4.5	14
125	Opportunities to search for extraterrestrial intelligence with the FAST. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 078.	1.7	14
126	Similar Scale-invariant Behaviors between Soft Gamma-Ray Repeaters and an Extreme Epoch from FRB 121102. <i>Astrophysical Journal</i> , 2021, 920, 153.	4.5	14

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127	Large-scale Spectroscopic Mapping of the ρ -Ophiuchi Molecular Cloud Complex. I. The $C^{18}O$ -to- N_2H^+ Ratio as a Signpost of Cloud Characteristics. <i>Astrophysical Journal</i> , 2017, 836, 194.	4.5	13
128	Catching the Birth of a Dark Molecular Cloud for the First Time. <i>Astrophysical Journal</i> , 2018, 867, 13.	4.5	13
129	Probing the cold magnetised Universe with SPICA-POL (B-BOP). <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	13
130	A Single-pulse Study of PSR J1022+1001 Using the FAST Radio Telescope. <i>Astrophysical Journal</i> , 2021, 908, 105.	4.5	13
131	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
132	A New Method for Determining the Dust Temperature Distribution in Star-forming Regions. <i>Astrophysical Journal</i> , 1999, 522, 897-903.	4.5	13
133	ALMA ACA and Nobeyama Observations of Two Orion Cores in Deuterated Molecular Lines. <i>Astrophysical Journal</i> , 2020, 895, 119.	4.5	13
134	The Chemical Structure of Young High-mass Star-forming Clumps. II. Parsec-scale CO Depletion and Deuterium Fraction of HCO^+ . <i>Astrophysical Journal</i> , 2020, 901, 145.	4.5	13
135	The Five-hundred-meter Aperture Spherical radio Telescope project and its early science opportunities. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 325-330.	0.0	12
136	Similarity of PSR J1906+0746 to PSR J0737-3039: a Candidate of a New Double Pulsar System?. <i>Astrophysical Journal</i> , 2017, 835, 185.	4.5	12
137	The M31/M33 tidal interaction: a hydrodynamic simulation of the extended gas distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 5636-5647.	4.4	12
138	Mass and Environment as Drivers of Galaxy Evolution. IV. On the Quenching of Massive Central Disk Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2021, 911, 57.	4.5	12
139	FOLLOW-UP OBSERVATIONS TOWARD PLANCK COLD CLUMPS WITH GROUND-BASED RADIO TELESCOPES. <i>Publications of the Korean Astronomical Society</i> , 2015, 30, 79-82.	0.0	12
140	The mass distribution of Galactic double neutron stars: constraints on the gravitational-wave sources like GW170817. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5020-5028.	4.4	11
141	Detecting exoplanets with FAST?. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 023.	1.7	11
142	Unusual Emission Variations Near the Eclipse of Black Widow Pulsar PSR J1720-0533. <i>Astrophysical Journal Letters</i> , 2021, 922, L13.	8.3	11
143	The five-hundred-meter aperture spherical radio telescope (FAST) project. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 44, 012022.	0.6	10
144	Radio afterglows and host galaxies of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1815-1823.	4.4	10

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145	Blind search for 21-cm absorption systems using a new generation of Chinese radio telescopes. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 049.	1.7	10
146	The TOP-SCOPE Survey of PGCCs: PMO and SCUBA-2 Observations of 64 PGCCs in the Second Galactic Quadrant. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 49.	7.7	10
147	Predictions for the FAST telescope's CRAFTS extragalactic H ₂ survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1741-1754.	4.4	10
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