

# Di Li

## List of Publications by Year in descending order

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256  
papers

7,312  
citations

76326

40  
h-index

79698

73  
g-index

259  
all docs

259  
docs citations

259  
times ranked

4620  
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.	4.4	17
2	An early transition to magnetic supercriticality in star formation. Nature, 2022, 601, 49-52.	27.8	21
3	Ammonia Emission in Various Star-forming Environments: A Pilot Study of Planck Galactic Cold Clumps. Astrophysical Journal, Supplement Series, 2022, 258, 17.	7.7	4
4	A FAST survey of Hâ€”I narrow-line self-absorptions in <i>Planck</i> Galactic cold clumps guided by HC<sub>3</sub>N. Astronomy and Astrophysics, 2022, 658, A140.	5.1	4
5	Physical publicly verifiable randomness from pulsars. Astronomy and Computing, 2022, 38, 100549.	1.7	3
6	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.	4.4	10
7	A commentary of â€œConsistency radio bursts in the Milky Wayâ€” 10 remarkable discoveries from 2020 in Nature. Fundamental Research, 2022, , .	3.3	0
8	ALMA Observations of NGC 6334S. II. Subsonic and Transonic Narrow Filaments in a High-mass Star Formation Cloud. Astrophysical Journal, 2022, 926, 165.	4.5	16
9	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. Astrophysical Journal, 2022, 926, 163.	4.5	16
10	The Nearby Evolved Stars Survey II: Constructing a volume-limited sample and first results from the James Clerk Maxwell Telescope. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1091-1110.	4.4	5
11	Frequency-dependent polarization of repeating fast radio burstsâ€”implications for their origin. Science, 2022, 375, 1266-1270.	12.6	55
12	Cold Gas in Massive Galaxies as a Critical Test of Black Hole Feedback Models. Astrophysical Journal, 2022, 927, 189.	4.5	3
13	Temporal Scattering, Depolarization, and Persistent Radio Emission from Magnetized Inhomogeneous Environments near Repeating Fast Radio Burst Sources. Astrophysical Journal Letters, 2022, 928, L16.	8.3	18
14	Description of a RFI mitigation pipeline for the FAST 19-beam receiver. Astronomy and Computing, 2022, 39, 100568.	1.7	3
15	Chemical Variations Across the TMC-1 Boundary: Molecular Tracers from the Translucent Phase to the Dense Phase. Astrophysical Journal, 2022, 928, 175.	4.5	3
16	Velocity Anisotropy in Self-gravitating Molecular Clouds. II. Observation. Astrophysical Journal, 2022, 928, 132.	4.5	2
17	Categorize radio interference using component and temporal analysis. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4787-4801.	4.4	3
18	The Potential of Detecting Radio-flaring Ultracool Dwarfs at L band in the FAST Drift-scan Survey. Research in Astronomy and Astrophysics, 2022, 22, 065013.	1.7	1

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19	Detection of strong scattering close to the eclipse region of PSR B1957+20. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1794-1800.	4.4	5
20	A Single-pulse Study of the Subpulse Drifter PSR J1631+1252 Discovered at FAST. <i>Astrophysical Journal</i> , 2022, 929, 71.	4.5	10
21	åž«é€Ÿâ° „ç” μæš`è,,%â†²ç”ç©¶è;â…¥é«~ç»Ÿè©;æ€šæ—¶ä»£. <i>Chinese Science Bulletin</i> , 2022, , .	0.7	0
22	Emission Variation of a Long-period Pulsar Discovered by the Five-hundred-meter Aperture Spherical Radio Telescope (FAST). <i>Astrophysical Journal</i> , 2022, 929, 171.	4.5	8
23	Nobeyama Survey of Inward Motions toward Cores in Orion Identified by SCUBA-2. <i>Astrophysical Journal</i> , 2022, 931, 33.	4.5	2
24	The Large Dispersion and Scattering of FRB 20190520B Are Dominated by the Host Galaxy. <i>Astrophysical Journal</i> , 2022, 931, 87.	4.5	16
25	Deep Simultaneous Limits on Optical Emission from FRB 20190520B by 24.4 fps Observations with Tomo-e Gozen. <i>Astrophysical Journal</i> , 2022, 931, 109.	4.5	8
26	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
27	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
28	A repeating fast radio burst associated with a persistent radio source. <i>Nature</i> , 2022, 606, 873-877.	27.8	98
29	Luminosity distribution of fast radio bursts from CHIME/FRB Catalog 1 by means of the updated Macquart relation. <i>Astrophysics and Space Science</i> , 2022, 367, .	1.4	6
30	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
31	Resolution-dependent subsonic non-thermal line dispersion revealed by ALMA. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 024.	1.7	5
32	Observations of Magnetic Fields Surrounding LkHÎ± 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
33	How are gamma-ray burst radio afterglows populated?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3262-3278.	4.4	6
34	A Single-pulse Study of PSR J1022+1001 Using the FAST Radio Telescope. <i>Astrophysical Journal</i> , 2021, 908, 105.	4.5	13
35	From Haloes to Galaxies. II. The Fundamental Relations in Star Formation and Quenching. <i>Astrophysical Journal</i> , 2021, 907, 114.	4.5	15
36	Collapsing index: a new method to identify star-forming cores based on ALMA images. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 026.	1.7	0

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37	Periodic and Phase-locked Modulation in PSR B1929+10 Observed with FAST. <i>Astrophysical Journal</i> , 2021, 909, 170.	4.5	8
38	Dust polarized emission observations of NGC 6334. <i>Astronomy and Astrophysics</i> , 2021, 647, A78.	5.1	41
39	CRAFTS for Fast Radio Bursts: Extending the Dispersionâ€“Fluence Relation with New FRBs Detected by FAST. <i>Astrophysical Journal Letters</i> , 2021, 909, L8.	8.3	31
40	Carbon-chain molecule survey toward four low-mass molecular outflow sources. <i>Astronomy and Astrophysics</i> , 2021, 648, A83.	5.1	6
41	A Low-mass Cold and Quiescent Core Population in a Massive Star Protocluster. <i>Astrophysical Journal Letters</i> , 2021, 912, L7.	8.3	10
42	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
43	A Search for Cloud Cores Affected by Shocked Carbon Chain Chemistry in L1251. <i>Astrophysical Journal</i> , 2021, 912, 148.	4.5	5
44	The TMRT K band observations towards 26 infrared dark clouds: NH <sub>3</sub> , CCS, and HC <sub>3</sub> N. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	17
45	Recovering the 21-cm signal from simulated FAST intensity maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5231-5243.	4.4	7
46	A Single Pulse Study of a Millisecond Pulsar PSR J0621+1002. <i>Astrophysical Journal</i> , 2021, 913, 67.	4.5	9
47	ATOMS: ALMA three-millimeter observations of massive star-forming regions â€“ III. Catalogues of candidate hot molecular cores and hyper/ultra compact Hâ€“ <sub>2</sub> regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2801-2818.	4.4	23
48	Evidence for three-dimensional spinâ€“velocity alignment in a pulsar. <i>Nature Astronomy</i> , 2021, 5, 788-795.	10.1	28
49	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
50	Convergent filaments contracting towards an intermediate-mass pre-stellar core. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5183-5191.	4.4	7
51	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
52	An ALMA study of outflow parameters of protoclusters: outflow feedback to maintain the turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4316-4334.	4.4	9
53	FAST Globular Cluster Pulsar Survey: Twenty-four Pulsars Discovered in 15 Globular Clusters. <i>Astrophysical Journal Letters</i> , 2021, 915, L28.	8.3	37
54	From Haloes to Galaxies. III. The Gas Cycle of Local Galaxy Populations. <i>Astrophysical Journal</i> , 2021, 915, 94.	4.5	4

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55	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
56	Revisiting pulsar velocities using Gaia Data Release 2. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 141.	1.7	4
57	Statistical tests of young radio pulsars with/without supernova remnants: implying two origins of neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 279-286.	4.4	6
58	A broad-band radio study of PSR J0250+5854: the slowest spinning radio pulsar known. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1102-1114.	4.4	9
59	Molecular Cloud Cores with High Deuterium Fractions: Nobeyama Mapping Survey. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 25.	7.7	5
60	HAWC+/SOFIA Polarimetry in L1688: Relative Orientation of Magnetic Field and Elongated Cloud Structure. <i>Astrophysical Journal</i> , 2021, 918, 39.	4.5	5
61	FAST early pulsar discoveries: Effelsberg follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 300-314.	4.4	17
62	The JCMT BISTRO Survey: An 850/450 $\mu$ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
63	A bimodal burst energy distribution of a repeating fast radio burst source. <i>Nature</i> , 2021, 598, 267-271.	27.8	129
64	Studying infall in infrared dark clouds with multiple HCO <sup>+</sup> transitions. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 208.	1.7	2
65	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
66	Statistical properties of fast radio bursts elucidate their origins: magnetars are favored over gamma-ray bursts. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 211.	1.7	3
67	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
68	On the Circular Polarization of Repeating Fast Radio Bursts. <i>Astrophysical Journal</i> , 2021, 920, 46.	4.5	9
69	Energy and Waiting Time Distributions of FRB 121102 Observed by FAST. <i>Astrophysical Journal Letters</i> , 2021, 920, L23.	8.3	16
70	OH Evolution in Molecular Clouds. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 1.	7.7	8
71	Planck Galactic Cold Clumps at High Galactic Latitude—a Study with CO Lines. <i>Astrophysical Journal</i> , 2021, 920, 103.	4.5	4
72	The Gravitational-wave physics II: Progress. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	54

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73	Unusual Emission Variations Near the Eclipse of Black Widow Pulsar PSR J1720-0533. <i>Astrophysical Journal Letters</i> , 2021, 922, L13.	8.3	11
74	An Arecibo follow-up study of seven pulsars discovered by Five-hundred-meter Aperture Spherical radio Telescope (FAST). <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 251.	1.7	8
75	An Eclipsing Black Widow Pulsar in NGC 6712. <i>Astrophysical Journal</i> , 2021, 921, 120.	4.5	3
76	Precise Measurements of CH Maser Emission and Its Abundance in Translucent Clouds. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 47.	7.7	1
77	Long and Short Fast Radio Bursts Are Different from Repeating and Nonrepeating Transients. <i>Astrophysical Journal</i> , 2021, 923, 230.	4.5	10
78	New continuum and polarization observations of the Cygnus Loop with FAST I. Data processing and verification. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 282.	1.7	7
79	A GPU based single-pulse search pipeline (GSP) with database and its application to the Commensal Radio Astronomy FAST Survey (CRAFTS). <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 314.	1.7	5
80	Parkes Transient Events. I. Database of Single Pulses, Initial Results, and Missing Fast Radio Bursts. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 14.	7.7	7
81	Supermassive binary black hole evolution can be traced by a small SKA pulsar timing array. <i>Physical Review D</i> , 2020, 102, .	4.7	9
82	A pilot search for extragalactic OH absorption with FAST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3085-3093.	4.4	7
83	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
84	Filament intersections and cold dense cores in Orion A North. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 793-808.	4.4	4
85	Pilot Hi survey of Planck Galactic Cold Clumps with FAST. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 077.	1.7	5
86	ATOMS: ALMA three-millimeter observations of massive star-forming regions 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
87	Predictions for the FAST telescope's CRAFTS extragalactic H <sub>21</sub> survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1741-1754.	4.4	10
88	No pulsed radio emission during a bursting phase of a Galactic magnetar. <i>Nature</i> , 2020, 587, 63-65.	27.8	101
89	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
90	Machine learning for nanohertz gravitational wave detection and parameter estimation with pulsar timing array. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	8

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91	Independent Core Rotation in Massive Filaments in Orion. <i>Astrophysical Journal Letters</i> , 2020, 894, L20.	8.3	4
92	Planck Galactic Cold Clumps in Two Regions: The First Quadrant and the Anticenter Direction Region. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 29.	7.7	2
93	A Fast Radio Burst Discovered in FAST Drift Scan Survey. <i>Astrophysical Journal Letters</i> , 2020, 895, L6.	8.3	31
94	H $\alpha$ absorption towards radio active galactic nuclei of different accretion modes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5161-5177.	4.4	8
95	Observational Features of Exoplanetary Synchrotron Radio Bursts. <i>Astrophysical Journal</i> , 2020, 895, 22.	4.5	2
96	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
97	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
98	First SETI Observations with China's Five-hundred-meter Aperture Spherical Radio Telescope (FAST). <i>Astrophysical Journal</i> , 2020, 891, 174.	4.5	27
99	ALMA Observations Reveal No Preferred Outflow-filament and Outflow-magnetic Field Orientations in Protoclusters. <i>Astrophysical Journal</i> , 2020, 890, 44.	4.5	16
100	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
101	Probing the Emission States of PSR J1107-5907. <i>Astrophysical Journal</i> , 2020, 889, 6.	4.5	2
102	Toward a direct measurement of the cosmic acceleration: roadmap and forecast on FAST. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 054-054.	5.4	8
103	Simulation of chirp mass distribution of neutron star and black hole merger events for gravitational-wave radiation. <i>Physical Review D</i> , 2020, 101, .	4.7	1
104	Revealing the CO X-factor in Dark Molecular Gas through Sensitive ALMA Absorption Observations. <i>Astrophysical Journal Letters</i> , 2020, 889, L4.	8.3	9
105	Molecular Oxygen in the Nearest QSO Mrk 231. <i>Astrophysical Journal</i> , 2020, 889, 129.	4.5	6
106	Mapping observations of complex organic molecules around Sagittarius B2 with the ARO 12m telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 556-565.	4.4	9
107	Discovery and Timing of Pulsars in the Globular Cluster M13 with FAST. <i>Astrophysical Journal</i> , 2020, 892, 43.	4.5	21
108	Applying saliency-map analysis in searches for pulsars and fast radio bursts. <i>Astronomy and Astrophysics</i> , 2020, 642, A26.	5.1	7

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109	The fundamental performance of FAST with 19-beam receiver at L band. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 064.	1.7	157
110	Opportunities to search for extraterrestrial intelligence with the FAST. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 078.	1.7	14
111	Radio frequency interference mitigation using pseudoinverse learning autoencoders. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 114.	1.7	6
112	Hyperfine group ratio: a recipe for deriving kinetic temperature from the ammonia inversion lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 4432-4444.	4.4	7
113	Unveiling the Importance of Magnetic Fields in the Evolution of Dense Clumps Formed at the Waist of Bipolar H II Regions: A Case Study of Sh 2-201 with JCMT SCUBA-2/POL-2. <i>Astrophysical Journal</i> , 2020, 897, 90.	4.5	9
114	ALMA ACA and Nobeyama Observations of Two Orion Cores in Deuterated Molecular Lines. <i>Astrophysical Journal</i> , 2020, 895, 119.	4.5	13
115	Rotation of Two Micron All Sky Survey Clumps in Molecular Clouds. <i>Astrophysical Journal</i> , 2020, 898, 122.	4.5	3
116	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
117	The Chemical Structure of Young High-mass Star-forming Clumps. II. Parsec-scale CO Depletion and Deuterium Fraction of HCO <sup>+</sup> . <i>Astrophysical Journal</i> , 2020, 901, 145.	4.5	13
118	Molecular Cloud Cores with a High Deuterium Fraction: Nobeyama Single-pointing Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 33.	7.7	15
119	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
120	The Two Emission States of PSR B1534+12. <i>Astrophysical Journal Letters</i> , 2020, 902, L13.	8.3	9
121	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. <i>Astrophysical Journal Letters</i> , 2020, 902, L46.	8.3	42
122	Wideband Monitoring Observations of PSR J1803-3002A in the Globular Cluster NGC 6522. <i>Astrophysical Journal Letters</i> , 2020, 905, L8.	8.3	5
123	Electromagnetic response to high-frequency gravitational waves having additional polarization states: distinguishing and probing tensor-mode, vector-mode and scalar-mode gravitons. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	7
124	Toward Eurasian Submillimeter Telescopes: the Concept of Multicolor SubTHz MKID-Array Demo Camera MUSICAM and its Instrumental Testing. , 2020, , .		2
125	Flux density measurements for 32 pulsars in the 20 cm observing band. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 103.	1.7	6
126	Probing the cold magnetised Universe with SPICA-POL (B-BOP). <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	13



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127	The ASKAP EMU Early Science Project: radio continuum survey of the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1202-1219.	4.4	21
128	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. Astrophysical Journal, 2019, 876, 42.	4.5	42
129	Sulfur-bearing Molecules in Orion KL. Astrophysical Journal, 2019, 885, 82.	4.5	15
130	Pulsar candidate classification using generative adversary networks. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5424-5439.	4.4	23
131	Nearly all Massive Quiescent Disk Galaxies Have a Surprisingly Large Atomic Gas Reservoir. Astrophysical Journal Letters, 2019, 884, L52.	8.3	39
132	A fast radio burst in the direction of the Virgo Cluster. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1-8.	4.4	19
133	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core $\rho$ Ophiuchus C. Astrophysical Journal, 2019, 877, 43.	4.5	38
134	The mass distribution of Galactic double neutron stars: constraints on the gravitational-wave sources like GW170817. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5020-5028.	4.4	11
135	Carbon-chain molecules in molecular outflows and Lupus I region – new producing region and new forming mechanism. Monthly Notices of the Royal Astronomical Society, 2019, 488, 495-511.	4.4	9
136	Commissioning progress of the FAST. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	150
137	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. Astrophysical Journal, 2019, 877, 88.	4.5	37
138	PSR J1926-0652: A Pulsar with Interesting Emission Properties Discovered at FAST. Astrophysical Journal, 2019, 877, 55.	4.5	28
139	Pulsar candidate selection using ensemble networks for FAST drift-scan survey. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	26
140	Status and perspectives of the CRAFTS extra-galactic HI survey. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	24
141	Preface: Planning the scientific applications of the Five-hundred-meter Aperture Spherical radio Telescope. Research in Astronomy and Astrophysics, 2019, 19, 016.	1.7	36
142	The Classifications of Double Neutron Stars and their Correlations with the Binary Orbital Parameters. Publications of the Astronomical Society of the Pacific, 2019, 131, 064201.	3.1	9
143	Comparative study of gamma-ray emission from molecular clouds and star-forming galaxies. Astronomy and Astrophysics, 2019, 621, A70.	5.1	6
144	Detecting exoplanets with FAST?. Research in Astronomy and Astrophysics, 2019, 19, 023.	1.7	11

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145	SCOPE: SCUBA-2 Continuum Observations of Pre-protostellar Evolution “ survey description and compact source catalogue. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2895-2908.	4.4	22
146	Gravitational wave GW170817: A new-born sub-millisecond pulsar and the properties of coalescing double neutron stars. New Astronomy, 2019, 70, 51-56.	1.8	1
147	The first pulsar discovered by FAST. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	38
148	The potential of FAST in detecting celestial hydroxyl masers and related science topics. Research in Astronomy and Astrophysics, 2019, 19, 022.	1.7	4
149	The interstellar medium: the key component in galactic evolution and modern cosmology. Research in Astronomy and Astrophysics, 2019, 19, 017.	1.7	7
150	FAST A+: A Cost-Effective Plan for Expanding FAST. , 2019, , .		3
151	Wide Bandwidth Observations of Pulsars C, D, and J in 47 Tucanae. Astrophysical Journal Letters, 2019, 885, L37.	8.3	3
152	The Simulation of Orbit Decay of Double Neutron Star System PSR J1906+0746 by the Gravitational Wave Radiation. Astronomy Reports, 2019, 63, 1090-1094.	0.9	1
153	Constraints on individual supermassive binary black holes using observations of PSR J1909“3744. Research in Astronomy and Astrophysics, 2019, 19, 178.	1.7	7
154	Tracing the Formation of Molecular Clouds in a Low-metallicity Galaxy: An H i Narrow Self-absorption Survey of the Large Magellanic Cloud. Astrophysical Journal, 2019, 887, 242.	4.5	3
155	Big Data Challenges of FAST. Lecture Notes in Computer Science, 2019, , 6-9.	1.3	0
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