B-B Zhang

List of Publications by Year
in descending order

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602 papers	35,942 citations	2538 96 h-index	6113 159 g-index
611 all docs	611 docs citations	611 times ranked	9048 citing authors

#	Article	IF	Citations
1	Relativistic oblique shocks with ordered or random magnetic fields: tangential field governs. Monthly Notices of the Royal Astronomical Society, 2022, 511, 925-937.	1.6	3
2	The CHIME Fast Radio Burst Population Does Not Track the Star Formation History of the Universe. Astrophysical Journal Letters, 2022, 924, L14.	3.0	19
3	Neutrino emission from fast radio burst-emitting magnetars. Monthly Notices of the Royal Astronomical Society, 2022, 511, 972-979.	1.6	1
4	Coherent Inverse Compton Scattering by Bunches in Fast Radio Bursts. Astrophysical Journal, 2022, 925, 53.	1.6	27
5	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. Astronomical Journal, 2022, 163, 69.	1.9	91
6	Exploring Lorentz Invariance Violation from Ultrahigh-Energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	2.9	19
7	A Comprehensive Consistency Check between Synchrotron Radiation and the Observed Gamma-Ray Burst Spectra. Astrophysical Journal, 2022, 926, 178.	1.6	3
8	A Tight Three-parameter Correlation and Related Classification on Gamma-Ray Bursts. Astrophysical Journal, 2022, 926, 170.	1.6	6
9	Search for Lensing Signatures from the Latest Fast Radio Burst Observations and Constraints on the Abundance of Primordial Black Holes. Astrophysical Journal, 2022, 928, 124.	1.6	19
10	Magnetospheric Curvature Radiation by Bunches as Emission Mechanism for Repeating Fast Radio Bursts. Astrophysical Journal, 2022, 927, 105.	1.6	36
11	Luminosity Function and Event Rate Density of XMM-Newton-selected Supernova Shock Breakout Candidates. Astrophysical Journal, 2022, 927, 224.	1.6	2
12	Frequency-dependent polarization of repeating fast radio burstsâ€”implications for their origin. Science, 2022, 375, 1266-1270.	6.0	55
13	Temporal Scattering, Depolarization, and Persistent Radio Emission from Magnetized Inhomogeneous Environments near Repeating Fast Radio Burst Sources. Astrophysical Journal Letters, 2022, 928, L16.	3.0	18
14	Population Properties of Gravitational-wave Neutron Starâ€“Black Hole Mergers. Astrophysical Journal, 2022, 928, 167.	1.6	15
15	A Channel to Form Fast-spinning Black Holeâ€“Neutron Star Binary Mergers as Multimessenger Sources. Astrophysical Journal, 2022, 928, 163.	1.6	17
16	Limits on the Hard X-Ray Emission From the Periodic Fast Radio Burst FRB 180916.J0158+65. Astrophysical Journal, 2022, 929, 173.	1.6	3
17	Simultaneous View of FRB 180301 with FAST and NICER during a Bursting Phase. Astrophysical Journal, 2022, 930, 172.	1.6	5
18	Reverse shock forming condition for magnetized relativistic outflows: reconciling theories and simulations. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3725-3735.	1.6	1

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19	Quasi-periodic Oscillations of the X-Ray Burst from the Magnetar SGR J1935â€“2154 and Associated with the Fast Radio Burst FRB 200428. Astrophysical Journal, 2022, 931, 56.	1.6	15
20	A Search for Millilensing Gamma-Ray Bursts in the Observations of Fermi GBM. Astrophysical Journal, 2022, 931, 4.	1.6	15
21	GRB 200826A: A Precursor of a Long Gamma-Ray Burst with Missing Main Emission. Astrophysical Journal Letters, 2022, 931, L2.	3.0	3
22	A repeating fast radio burst associated with a persistent radio source. Nature, 2022, 606, 873-877.	13.7	98
23	Transparency of fast radio burst waves in magnetar magnetospheres. Monthly Notices of the Royal Astronomical Society, 2022, 515, 2020-2031.	1.6	12
24	A possible bright ultraviolet flash from a galaxy at redshift zâ€‰â‰ˆâ€‰11. Nature Astronomy, 2021, 5, 262-267	4.2	12
25	On the True Fractions of Repeating and Nonrepeating Fast Radio Burst Sources. Astrophysical Journal Letters, 2021, 906, L5.	3.0	23
26	Bursts before Burst: A Comparative Study on FRB 200428-associated and FRB-absent X-Ray Bursts from SGR J1935+2154. Astrophysical Journal Letters, 2021, 906, L12.	3.0	8
27	The Evolution of a Newborn Millisecond Magnetar with a Propeller-recycling Disk. Astrophysical Journal, 2021, 907, 87.	1.6	10
28	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. Astrophysical Journal, 2021, 907, 97.	1.6	7
29	10.4 m GTC observations of the nearby VHE-detected GRB 190829A/SN 2019oyw. Astronomy and Astrophysics, 2021, 646, A50.	2.1	28
30	FRB131104 Swift/BAT Data Revisited: No Evidence of a Gamma-Ray Counterpart. Astrophysical Journal, 2021, 908, 137.	1.6	3
31	Growth of Stellar-mass Black Holes in Dense Molecular Clouds and GW190521. Astrophysical Journal, 2021, 908, 59.	1.6	22
32	Observation of the Crab Nebula with LHAASO-KM2A â˜† a performance study *. Chinese Physics C, 2021, 45, 025002.	1.5	67
33	HXMT identification of a non-thermal X-ray burst from SGR J1935+2154 and with FRB 200428. Nature Astronomy, 2021, 5, 378-384.	4.2	152
34	A new analysis method based on the Onsager reciprocal relations for interdiffusion in a multicomponent melt. Journal of Applied Physics, 2021, 129, 125101.	1.1	2
35	Testing the High-latitude Curvature Effect of Gamma-Ray Bursts with Fermi Data: Evidence of Bulk Acceleration in Prompt Emission. Astrophysical Journal, Supplement Series, 2021, 253, 43.	3.0	15
36	Dissecting the Energy Budget of a Gamma-Ray Burst Fireball. Astrophysical Journal Letters, 2021, 909, L3.	3.0	9

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37	The electromagnetic and gravitational-wave radiations of X-ray transient CDF-S XT2. Research in Astronomy and Astrophysics, 2021, 21, 047.	0.7	4
38	CRAFTS for Fast Radio Bursts: Extending the Dispersionâ€“Fluence Relation with New FRBs Detected by FAST. Astrophysical Journal Letters, 2021, 909, L8.	3.0	31
39	A Possible Kilonova Powered by Magnetic Wind from a Newborn Black Hole. Astrophysical Journal, 2021, 911, 97.	1.6	6
40	High-energy Neutrinos from Choked Gamma-Ray Bursts in Active Galactic Nucleus Accretion Disks. Astrophysical Journal Letters, 2021, 911, L19.	3.0	18
41	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	13.7	262
42	Constraints on the Maximum Mass of Neutron Stars with a Quark Core from GW170817 and NICER PSR J0030+0451 Data. Astrophysical Journal, 2021, 913, 27.	1.6	42
43	Thermonuclear Explosions and Accretion-induced Collapses of White Dwarfs in Active Galactic Nucleus Accretion Disks. Astrophysical Journal Letters, 2021, 914, L19.	3.0	20
44	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn></mml:mrow></mml:n Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	2.9	73
45	On the Binary Neutron Star Post-merger Magnetar Origin of XRT 210423. Astrophysical Journal Letters, 2021, 915, L11.	3.0	7
46	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	1.4	18
47	A peculiarly short-duration gamma-ray burst from massive star core collapse. Nature Astronomy, 2021, 5, 911-916.	4.2	53
48	Petaâ€“electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	6.0	86
49	A mechanical model for magnetized relativistic blastwaves. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1788-1794.	1.6	7
50	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. Astrophysical Journal Letters, 2021, 917, L4.	3.0	21
51	Kilonova Emission from Black Holeâ€“Neutron Star Mergers. II. Luminosity Function and Implications for Target-of-opportunity Observations of Gravitational-wave Triggers and Blind Searches. Astrophysical Journal, 2021, 917, 24.	1.6	30
52	High-energy Neutrinos from Stellar Explosions in Active Galactic Nuclei Accretion Disks. Astrophysical Journal Letters, 2021, 917, L28.	3.0	16
53	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	1.2	0
54	Freeâ€“free absorption in hot relativistic flows: application to fast radio bursts. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 508, L48-L52.	1.2	5

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55	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.4	1
56	Fast Radio Bursts and Their High-energy Counterparts from Magnetar Magnetospheres. Astrophysical Journal, 2021, 919, 89.	1.6	40
57	Compact CubeSat Gamma-ray detector for GRID mission. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	1.3	15
58	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	3.0	28
59	Neutron Star Mergers in Active Galactic Nucleus Accretion Disks: Cocoon and Ejecta Shock Breakouts. Astrophysical Journal Letters, 2021, 906, L11.	3.0	44
60	â€œSlowâ€•Radio Bursts from Galactic Magnetars?. Astrophysical Journal Letters, 2021, 907, L17.	3.0	12
61	Analytical Solution of Magnetically Dominated Astrophysical Jets and Winds: Jet Launching, Acceleration, and Collimation. Astrophysical Journal, 2021, 906, 105.	1.6	32
62	Lorentz Invariance Violation Limits from the Spectral-lag Transition of GRB 190114C. Astrophysical Journal, 2021, 906, 8.	1.6	27
63	A bimodal burst energy distribution of a repeating fast radio burst source. Nature, 2021, 598, 267-271.	13.7	129
64	L. Jiang et al. reply. Nature Astronomy, 2021, 5, 998-1000.	4.2	3
65	Gamma-Ray Burst in a Binary System. Astrophysical Journal, 2021, 921, 2.	1.6	3
66	Multi-messenger astrophysics with THESEUS in the 2030s. Experimental Astronomy, 2021, 52, 245-275.	1.6	12
67	Binary Comb Models for FRB 121102. Astrophysical Journal, 2021, 920, 54.	1.6	20
68	Similar Scale-invariant Behaviors between Soft Gamma-Ray Repeaters and an Extreme Epoch from FRB 121102. Astrophysical Journal, 2021, 920, 153.	1.6	14
69	Energy and Waiting Time Distributions of FRB 121102 Observed by FAST. Astrophysical Journal Letters, 2021, 920, L23.	3.0	16
70	Magnetar giant flare originating from GRB 200415A: transient GeV emission, time-resolved E_p â€“ L _{iso} correlation and implications. Research in Astronomy and Astrophysics, 2021, 21, 236.	0.7	3
71	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.4	1
72	Statistical Measurements of Dispersion Measure Fluctuations in Fast Radio Bursts. Astrophysical Journal Letters, 2021, 922, L31.	3.0	2

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73	No Detectable Kilonova Counterpart is Expected for O3 Neutron Starâ€“Black Hole Candidates. Astrophysical Journal, 2021, 921, 156.	1.6	33
74	The fast radio burst FRB 20201124A in a star-forming region: Constraints to the progenitor and multiwavelength counterparts. Astronomy and Astrophysics, 2021, 656, L15.	2.1	30
75	Time domain astronomy with the THESEUS satellite. Experimental Astronomy, 2021, 52, 309-406.	1.6	7
76	GRB 210121A: A Typical Fireball Burst Detected by Two Small Missions. Astrophysical Journal, 2021, 922, 237.	1.6	20
77	Accurate flux calibration of GW170817: is the X-ray counterpart on the rise?. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1902-1909.	1.6	21
78	Very-high-frequency oscillations in the main peak of a magnetar giant flare. Nature, 2021, 600, 621-624.	13.7	20
79	Periodicity Search on X-Ray Bursts of SGR J1935+2154 Using 8.5 yr of Fermi/GBM Data. Astrophysical Journal Letters, 2021, 923, L30.	3.0	11
80	Relation between gravitational mass and baryonic mass for non-rotating and rapidly rotating neutron stars. Frontiers of Physics, 2020, 15, 1.	2.4	23
81	A thousand days after the merger: Continued X-ray emission from GW170817. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5643-5651.	1.6	79
82	A Comparative Study of Long and Short GRBs. II. A Multiwavelength Method to Distinguish Type II (Massive Star) and Type I (Compact Star) GRBs. Astrophysical Journal, 2020, 897, 154.	1.6	14
83	Is GRB 110715A the Progenitor of FRB 171209?. Astrophysical Journal Letters, 2020, 894, L22.	3.0	12
84	Evidence for Gravitational-wave-dominated Emission in the Central Engine of Short GRB 200219A. Astrophysical Journal Letters, 2020, 898, L6.	3.0	8
85	Exploring the effects of magnetar bursts in pulsar wind nebulae. Journal of High Energy Astrophysics, 2020, 28, 10-18.	2.4	2
86	Blazar-IceCube neutrino association revisited. Physical Review D, 2020, 101, .	1.6	10
87	Diverse polarization angle swings from a repeating fast radio burst source. Nature, 2020, 586, 693-696.	13.7	109
88	A unified picture of Galactic and cosmological fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1397-1405.	1.6	134
89	On the magnetoionic environments of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2020, 499, 355-361.	1.6	7
90	On the energy and redshift distributions of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2020, 501, 157-167.	1.6	33

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91	The physical mechanisms of fast radio bursts. Nature, 2020, 587, 45-53.	13.7	183
92	No pulsed radio emission during a bursting phase of a Galactic magnetar. Nature, 2020, 587, 63-65.	13.7	101
93	A Fast Radio Burst Discovered in FAST Drift Scan Survey. Astrophysical Journal Letters, 2020, 895, L6.	3.0	31
94	A Binary Comb Model for Periodic Fast Radio Bursts. Astrophysical Journal Letters, 2020, 893, L26.	3.0	97
95	A Mildly Relativistic Outflow from the Energetic, Fast-rising Blue Optical Transient CSS161010 in a Dwarf Galaxy. Astrophysical Journal Letters, 2020, 895, L23.	3.0	70
96	On the FRB luminosity function â€“ â€“ II. Event rate density. Monthly Notices of the Royal Astronomical Society, 2020, 494, 665-679.	1.6	81
97	A Serendipitous Discovery of GeV Gamma-Ray Emission from Supernova 2004dj in a Survey of Nearby Star-forming Galaxies with Fermi-LAT. Astrophysical Journal Letters, 2020, 896, L33.	3.0	12
98	An Empirical â€œHigh-confidenceâ€•Candidate Zone for Fermi BL Lacertae Objects. Astrophysical Journal, 2020, 891, 87.	1.6	3
99	Fast Radio Bursts from Interacting Binary Neutron Star Systems. Astrophysical Journal Letters, 2020, 890, L24.	3.0	48
100	Fast Radio Bursts as Strong Waves Interacting with the Ambient Medium. Astrophysical Journal Letters, 2020, 892, L10.	3.0	17
101	Testing the Hypothesis of a Compact-binary-coalescence Origin of Fast Radio Bursts Using a Multimessenger Approach. Astrophysical Journal Letters, 2020, 891, L39.	3.0	7
102	Constraining the Long-lived Magnetar Remnants in Short Gamma-Ray Bursts from Late-time Radio Observations. Astrophysical Journal, 2020, 890, 102.	1.6	21
103	Synchrotron radiation in Î³-ray bursts prompt emission. Nature Astronomy, 2020, 4, 210-211.	4.2	14
104	What Constraints on the Neutron Star Maximum Mass Can One Pose from GW170817 Observations?. Astrophysical Journal, 2020, 893, 146.	1.6	41
105	Unexpected emission pattern adds to the enigma of fast radio bursts. Nature, 2020, 582, 344-346.	13.7	11
106	Cosmology-insensitive estimate of IGM baryon mass fraction from five localized fast radio bursts. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L28-L32.	1.2	38
107	Are Persistent Emission Luminosity and Rotation Measure of Fast Radio Bursts Related?. Astrophysical Journal, 2020, 895, 7.	1.6	14
108	Kilonova Emission from Black Holeâ€“Neutron Star Mergers. I. Viewing-angle-dependent Lightcurves. Astrophysical Journal, 2020, 897, 20.	1.6	37

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109	Peculiar Prompt Emission and Afterglow in the H.E.S.S.-detected GRB 190829A. Astrophysical Journal, 2020, 898, 42.	1.6	32
110	Physical Implications of the Subthreshold GRB GBM-190816 and Its Associated Subthreshold Gravitational-wave Event. Astrophysical Journal, 2020, 899, 60.	1.6	11
111	GRB 200415A: A Short Gamma-Ray Burst from a Magnetar Giant Flare?. Astrophysical Journal, 2020, 899, 106.	1.6	35
112	Contribution of Dark Matter Annihilation to Gamma-Ray Burst Afterglows near Massive Galaxy Centers. Astrophysical Journal, 2020, 904, 17.	1.6	3
113	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. Astrophysical Journal, 2020, 905, 145.	1.6	69
114	Nonuniversal Interstellar Density Spectra Probed by Pulsars. Astrophysical Journal, 2020, 905, 159.	1.6	20
115	Probing the Intergalactic Turbulence with Fast Radio Bursts. Astrophysical Journal Letters, 2020, 898, L48.	3.0	16
116	A Comparative Study of Host Galaxy Properties between Fast Radio Bursts and Stellar Transients. Astrophysical Journal Letters, 2020, 899, L6.	3.0	45
117	Pair Separation in Parallel Electric Field in Magnetar Magnetosphere and Narrow Spectra of Fast Radio Bursts. Astrophysical Journal Letters, 2020, 901, L13.	3.0	40
118	The Optical Luminosityâ€“Time Correlation for More than 100 Gamma-Ray Burst Afterglows. Astrophysical Journal Letters, 2020, 905, L26.	3.0	32
119	Stringent Search for Precursor Emission in Short GRBs from Fermi/GBM Data and Physical Implications. Astrophysical Journal Letters, 2020, 902, L42.	3.0	15
120	GRID: a student project to monitor the transient gamma-ray sky in the multi-messenger astronomy era. Experimental Astronomy, 2019, 48, 77-95.	1.6	38
121	Cosmology-independent Estimate of the Fraction of Baryon Mass in the IGM from Fast Radio Burst Observations. Astrophysical Journal, 2019, 876, 146.	1.6	40
122	Analysis and Modeling of the Multi-wavelength Observations of the Luminous GRB 190114C. Astrophysical Journal Letters, 2019, 879, L26.	3.0	41
123	The delay time of gravitational wave â€” gamma-ray burst associations. Frontiers of Physics, 2019, 14, 1.	2.4	38
124	On neutralization of charged black holes. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2722-2731.	1.6	11
125	On the Properties of a Newborn Magnetar Powering the X-Ray Transient CDF-S XT2. Astrophysical Journal Letters, 2019, 879, L7.	3.0	21
126	Viewing Angle Constraints on S190425z and S190426c and the Joint Gravitational-wave/Gamma-Ray Detection Fractions for Binary Neutron Star Mergers. Astrophysical Journal Letters, 2019, 881, L40.	3.0	15

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127	Non-detection of fast radio bursts from six gamma-ray burst remnants with possible magnetar engines. Monthly Notices of the Royal Astronomical Society, 2019, 489, 3643-3647.	1.6	17
128	â€œDouble-trackingâ€•Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. Astrophysical Journal, 2019, 884, 109.	1.6	26
129	The FRB 121102 Host Is Atypical among Nearby Fast Radio Bursts. Astrophysical Journal Letters, 2019, 884, L26.	3.0	28
130	CDF-S XT1 and XT2: White Dwarf Tidal Disruption Events by Intermediate-mass Black Holes?. Astrophysical Journal Letters, 2019, 884, L34.	3.0	17
131	Gamma-Ray Bursts Induced by Turbulent Reconnection. Astrophysical Journal, 2019, 882, 184.	1.6	24
132	Limits on the Weak Equivalence Principle and Photon Mass with FRB 121102 Subpulses. Astrophysical Journal Letters, 2019, 882, L13.	3.0	26
133	The Time-resolved Spectra of Photospheric Emission from a Structured Jet for Gamma-Ray Bursts. Astrophysical Journal, 2019, 882, 26.	1.6	31
134	The Shallow Decay Segment of GRB X-Ray Afterglow Revisited. Astrophysical Journal, 2019, 883, 97.	1.6	23
135	Relativistic Astronomy. III. Test of Special Relativity via Doppler Effect. Astrophysical Journal, 2019, 883, 159.	1.6	1
136	Propagation of a Short GRB Jet in the Ejecta: Jet Launching Delay Time, Jet Structure, and GW170817/GRB 170817A. Astrophysical Journal Letters, 2019, 877, L40.	3.0	39
137	How Bright Are Fast Optical Bursts Associated With Fast Radio Bursts?. Astrophysical Journal, 2019, 878, 89.	1.6	30
138	On the Timeâ€“Frequency Downward Drifting of Repeating Fast Radio Bursts. Astrophysical Journal Letters, 2019, 876, L15.	3.0	61
139	Relativistic Astronomy. II. In-flight Solution of Motion and Test of Special Relativity Light Aberration. Astrophysical Journal, 2019, 877, 14.	1.6	4
140	Second Repeating FRB 180814.J0422+73: Ten-year Fermi-LAT Upper Limits and Implications. Astrophysical Journal Letters, 2019, 875, L19.	3.0	10
141	Coherent Radio Emission from a Twisted Magnetosphere after a Magnetar-quake. Astrophysical Journal, 2019, 875, 84.	1.6	9
142	Investigation of the asteroidâ€“neutron star collision model for the repeating fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1367-1376.	1.6	19
143	Multimessenger tests of Einstein's weak equivalence principle and Lorentz invariance with a high-energy neutrino from a flaring blazar. Journal of High Energy Astrophysics, 2019, 22, 1-4.	2.4	18
144	Charged Compact Binary Coalescence Signal and Electromagnetic Counterpart of Plunging Black Holeâ€“Neutron Star Mergers. Astrophysical Journal Letters, 2019, 873, L9.	3.0	29

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145	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5294-5318.	1.6	22
146	A magnetar-powered X-ray transient as the aftermath of a binary neutron-star merger. Nature, 2019, 568, 198-201.	13.7	79
147	On the Broadband Synchrotron Spectra of Pulsar Wind Nebulae. Astrophysical Journal, 2019, 872, 10.	1.6	18
148	Extreme emission seen from Î³-ray bursts. Nature, 2019, 575, 448-449.	13.7	26
149	Synchrotron Self-Compton Emission from External Shocks as the Origin of the Sub-TeV Emission in GRB 180720B and GRB 190114C. Astrophysical Journal, 2019, 884, 117.	1.6	59
150	A Unified Binary Neutron Star Merger Magnetar Model for the Chandra X-Ray Transients CDF-S XT1 and XT2. Astrophysical Journal, 2019, 886, 129.	1.6	24
151	Modeling the Observations of GRB 180720B: from Radio to Sub-TeV Gamma-Rays. Astrophysical Journal, 2019, 885, 29.	1.6	36
152	Bright Gamma-Ray Flares Observed in GRB 131108A. Astrophysical Journal Letters, 2019, 886, L33.	3.0	6
153	Multiwavelength observations of GRB 140629A. Astronomy and Astrophysics, 2019, 632, A100.	2.1	4
154	A long-lived neutron star merger remnant in GW170817: constraints and clues from X-ray observations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1912-1921.	1.6	121
155	The IceCube Coincident Neutrino Event is Unlikely to be Physically Associated with LIGO/Virgo S190728q. Research Notes of the AAS, 2019, 3, 114.	0.3	0
156	Bright Merger-nova Emission Powered by Magnetic Wind from a Newborn Black Hole. Astrophysical Journal Letters, 2018, 852, L5.	3.0	25
157	A Large Catalog of Multiwavelength GRB Afterglows. I. Color Evolution and Its Physical Implication. Astrophysical Journal, Supplement Series, 2018, 234, 26.	3.0	20
158	On the non-detection of Glashow resonance in IceCube. Journal of High Energy Astrophysics, 2018, 18, 1-4.	2.4	6
159	On the Synchrotron Spectrum of GRB Prompt Emission. Astrophysical Journal, 2018, 853, 43.	1.6	17
160	A peculiar low-luminosity short gamma-ray burst from a double neutron star merger progenitor. Nature Communications, 2018, 9, 447.	5.8	125
161	Low-energy Spectra of Gamma-Ray Bursts from Cooling Electrons. Astrophysical Journal, Supplement Series, 2018, 234, 3.	3.0	49
162	Are There Multiple Populations of Fast Radio Bursts?. Astrophysical Journal Letters, 2018, 854, L12.	3.0	69

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163	Toward an understanding of post-necking behavior in ultrafine-scale Cu/Ni laminated composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 716, 72-77.	2.6	7
164	Enhancing fatigue strength of high-strength ultrafine-scale Cu/Ni laminated composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 714, 43-48.	2.6	12
165	Relativistic Astronomy. Astrophysical Journal, 2018, 854, 123.	1.6	6
166	Fermi Large Area Telescope Detection of Gamma-Ray Emission from the Direction of Supernova iPTF14hls. Astrophysical Journal Letters, 2018, 854, L18.	3.0	18
167	FRB 121102: A Repeatedly Combed Neutron Star by a Nearby Low-luminosity Accreting Supermassive Black Hole. Astrophysical Journal Letters, 2018, 854, L21.	3.0	55
168	Black Hole Hyperaccretion Inflowâ€“Outflow Model. I. Long and Ultra-long Gamma-Ray Bursts. Astrophysical Journal, 2018, 852, 20.	1.6	38
169	Transition from fireball to Poynting-flux-dominated outflow in the three-episode GRB 160625B. Nature Astronomy, 2018, 2, 69-75.	4.2	107
170	Rapidly evolving transients in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 894-917.	1.6	109
171	Fast Radio Burst Energetics and Detectability from High Redshifts. Astrophysical Journal Letters, 2018, 867, L21.	3.0	101
172	The optical/NIR afterglow of GRB 111209A: Complex yet not unprecedented. Astronomy and Astrophysics, 2018, 617, A122.	2.1	25
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