

B-B Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

581
papers

28,135
citations

86
h-index

142
g-index

611
ext. papers

32,046
ext. citations

6.8
avg, IF

7.8
L-index

#	Paper	IF	Citations
581	The CHIME Fast Radio Burst Population Does Not Track the Star Formation History of the Universe. <i>Astrophysical Journal Letters</i> , 2022 , 924, L14	7.9	3
580	Neutrino emission from fast radio burst-emitting magnetars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 511, 972-979	4.3	0
579	Coherent Inverse Compton Scattering by Bunches in Fast Radio Bursts. <i>Astrophysical Journal</i> , 2022 , 925, 53	4.7	4
578	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. <i>Astronomical Journal</i> , 2022 , 163, 69	4.9	15
577	Exploring Lorentz Invariance Violation from Ultrahigh-Energy γ Rays Observed by LHAASO.. <i>Physical Review Letters</i> , 2022 , 128, 051102	7.4	1
576	A Comprehensive Consistency Check between Synchrotron Radiation and the Observed Gamma-Ray Burst Spectra. <i>Astrophysical Journal</i> , 2022 , 926, 178	4.7	0
575	A Tight Three-parameter Correlation and Related Classification on Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2022 , 926, 170	4.7	2
574	Search for Lensing Signatures from the Latest Fast Radio Burst Observations and Constraints on the Abundance of Primordial Black Holes. <i>Astrophysical Journal</i> , 2022 , 928, 124	4.7	1
573	Magnetospheric Curvature Radiation by Bunches as Emission Mechanism for Repeating Fast Radio Bursts. <i>Astrophysical Journal</i> , 2022 , 927, 105	4.7	3
572	Luminosity Function and Event Rate Density of XMM-Newton-selected Supernova Shock Breakout Candidates. <i>Astrophysical Journal</i> , 2022 , 927, 224	4.7	0
571	Frequency-dependent polarization of repeating fast radio bursts-implications for their origin.. <i>Science</i> , 2022 , 375, 1266-1270	33.3	8
570	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	7.9	0
569	Population Properties of Gravitational-wave Neutron Star-Black Hole Mergers. <i>Astrophysical Journal</i> , 2022 , 928, 167	4.7	0
568	A Channel to Form Fast-spinning Black Hole-Neutron Star Binary Mergers as Multimessenger Sources. <i>Astrophysical Journal</i> , 2022 , 928, 163	4.7	0
567	Limits on the Hard X-Ray Emission From the Periodic Fast Radio Burst FRB 180916.J0158+65. <i>Astrophysical Journal</i> , 2022 , 929, 173	4.7	1
566	Simultaneous View of FRB 180301 with FAST and NICER during a Bursting Phase. <i>Astrophysical Journal</i> , 2022 , 930, 172	4.7	1
565	Quasi-periodic Oscillations of the X-Ray Burst from the Magnetar SGR J1935+154 and Associated with the Fast Radio Burst FRB 200428. <i>Astrophysical Journal</i> , 2022 , 931, 56	4.7	2

564	A Search for Millilensing Gamma-Ray Bursts in the Observations of Fermi GBM. <i>Astrophysical Journal</i> , 2022 , 931, 4	4.7	0
563	Accurate flux calibration of GW170817: is the X-ray counterpart on the rise?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 510, 1902-1909	4.3	2
562	Magnetar giant flare originating from GRB 200415A: transient GeV emission, time-resolved Ep Γ iso correlation and implications. <i>Research in Astronomy and Astrophysics</i> , 2021 , 21, 236	1.5	0
561	OPTICAL SPECTROSCOPY OF CANDIDATES IN THE LIGO/VIRGO BINARY MERGER ERROR BOXES. <i>Revista Mexicana De Astronomía Y Astrofísica Serie De Conferencias</i> , 2021 , 53, 83-90	0	
560	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. <i>Radiation Detection Technology and Methods</i> , 2021 , 5, 531	0.7	
559	Statistical Measurements of Dispersion Measure Fluctuations of FRBs. <i>Astrophysical Journal Letters</i> , 2021 , 922, L31	7.9	
558	No Detectable Kilonova Counterpart is Expected for O3 Neutron Star/Black Hole Candidates. <i>Astrophysical Journal</i> , 2021 , 921, 156	4.7	10
557	Time domain astronomy with the THESEUS satellite. <i>Experimental Astronomy</i> , 2021 , 1	1.3	2
556	GRB 210121A: A Typical Fireball Burst Detected by Two Small Missions. <i>Astrophysical Journal</i> , 2021 , 922, 237	4.7	4
555	Lorentz Invariance Violation Limits from the Spectral-lag Transition of GRB 190114C. <i>Astrophysical Journal</i> , 2021 , 906, 8	4.7	10
554	A bimodal burst energy distribution of a repeating fast radio burst source. <i>Nature</i> , 2021 , 598, 267-271	50.4	35
553	L. Jiang et al. reply. <i>Nature Astronomy</i> , 2021 , 5, 998-1000	12.1	2
552	Gamma-Ray Burst in a Binary System. <i>Astrophysical Journal</i> , 2021 , 921, 2	4.7	2
551	Binary Comb Models for FRB 121102. <i>Astrophysical Journal</i> , 2021 , 920, 54	4.7	5
550	Similar Scale-invariant Behaviors between Soft Gamma-Ray Repeaters and an Extreme Epoch from FRB 121102. <i>Astrophysical Journal</i> , 2021 , 920, 153	4.7	3
549	Energy and Waiting Time Distributions of FRB 121102 Observed by FAST. <i>Astrophysical Journal Letters</i> , 2021 , 920, L23	7.9	4
548	Testing the High-latitude Curvature Effect of Gamma-Ray Bursts with Fermi Data: Evidence of Bulk Acceleration in Prompt Emission. <i>Astrophysical Journal, Supplement Series</i> , 2021 , 253, 43	8	2
547	Dissecting the Energy Budget of a Gamma-Ray Burst Fireball. <i>Astrophysical Journal Letters</i> , 2021 , 909, L3	7.9	4

546	The electromagnetic and gravitational-wave radiations of X-ray transient CDF-S XT2. <i>Research in Astronomy and Astrophysics</i> , 2021 , 21, 047	1.5	1
545	CRAFTS for Fast Radio Bursts: Extending the Dispersion Measure Relation with New FRBs Detected by FAST. <i>Astrophysical Journal Letters</i> , 2021 , 909, L8	7.9	10
544	A Possible Kilonova Powered by Magnetic Wind from a Newborn Black Hole. <i>Astrophysical Journal</i> , 2021 , 911, 97	4.7	1
543	High-energy Neutrinos from Choked Gamma-Ray Bursts in Active Galactic Nucleus Accretion Disks. <i>Astrophysical Journal Letters</i> , 2021 , 911, L19	7.9	8
542	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Far Galactic sources. <i>Nature</i> , 2021 , 594, 33-36	50.4	73
541	Constraints on the Maximum Mass of Neutron Stars with a Quark Core from GW170817 and NICER PSR J0030+0451 Data. <i>Astrophysical Journal</i> , 2021 , 913, 27	4.7	15
540	Thermonuclear Explosions and Accretion-induced Collapses of White Dwarfs in Active Galactic Nucleus Accretion Disks. <i>Astrophysical Journal Letters</i> , 2021 , 914, L19	7.9	4
539	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR J0622+3749 Observed by LHAASO-KM2A. <i>Physical Review Letters</i> , 2021 , 126, 241103	7.4	7
538	On the Binary Neutron Star Post-merger Magnetar Origin of XRT 210423. <i>Astrophysical Journal Letters</i> , 2021 , 915, L11	7.9	1
537	Construction and on-site performance of the LHAASO WFCTA camera. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
536	A peculiar short-duration gamma-ray burst from massive star core collapse. <i>Nature Astronomy</i> , 2021 , 5, 911-916	12.1	5
535	Peta-electron volt gamma-ray emission from the Crab Nebula. <i>Science</i> , 2021 , 373, 425-430	33.3	17
534	A possible bright ultraviolet flash from a galaxy at redshift $z \approx 1$. <i>Nature Astronomy</i> , 2021 , 5, 262-267	12.1	8
533	On the True Fractions of Repeating and Nonrepeating Fast Radio Burst Sources. <i>Astrophysical Journal Letters</i> , 2021 , 906, L5	7.9	8
532	Bursts before Burst: A Comparative Study on FRB 200428-associated and FRB-absent X-Ray Bursts from SGR J1935+2154. <i>Astrophysical Journal Letters</i> , 2021 , 906, L12	7.9	5
531	The Evolution of a Newborn Millisecond Magnetar with a Propeller-recycling Disk. <i>Astrophysical Journal</i> , 2021 , 907, 87	4.7	2
530	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. <i>Astrophysical Journal</i> , 2021 , 907, 97	4.7	4
529	10.4 m GTC observations of the nearby VHE-detected GRB 190829A/SN 2019oyw. <i>Astronomy and Astrophysics</i> , 2021 , 646, A50	5.1	12

528	FRB131104 Swift/BAT Data Revisited: No Evidence of a Gamma-Ray Counterpart. <i>Astrophysical Journal</i> , 2021 , 908, 137	4.7	1
527	Growth of Stellar-mass Black Holes in Dense Molecular Clouds and GW190521. <i>Astrophysical Journal</i> , 2021 , 908, 59	4.7	15
526	Observation of the Crab Nebula with LHAASO-KM2A γ performance study *. <i>Chinese Physics C</i> , 2021 , 45, 025002	2.2	24
525	HXMT identification of a non-thermal X-ray burst from SGR J1935+2154 and with FRB 200428. <i>Nature Astronomy</i> , 2021 , 5, 378-384	12.1	56
524	A new analysis method based on the Onsager reciprocal relations for interdiffusion in a multicomponent melt. <i>Journal of Applied Physics</i> , 2021 , 129, 125101	2.5	1
523	A mechanical model for magnetized relativistic blastwaves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 1788-1794	4.3	0
522	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. <i>Astrophysical Journal Letters</i> , 2021 , 917, L4	7.9	2
521	Kilonova Emission from Black Hole-Neutron Star Mergers. II. Luminosity Function and Implications for Target-of-opportunity Observations of Gravitational-wave Triggers and Blind Searches. <i>Astrophysical Journal</i> , 2021 , 917, 24	4.7	8
520	High-energy Neutrinos from Stellar Explosions in Active Galactic Nuclei Accretion Disks. <i>Astrophysical Journal Letters</i> , 2021 , 917, L28	7.9	4
519	Design and Testing of the Front-End Electronics of WCDA in LHAASO. <i>IEEE Transactions on Nuclear Science</i> , 2021 , 68, 2257-2267	1.7	
518	Free-free absorption in hot relativistic flows: application to fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021 , 508, L48-L52	4.3	3
517	Fast Radio Bursts and Their High-energy Counterparts from Magnetar Magnetospheres. <i>Astrophysical Journal</i> , 2021 , 919, 89	4.7	12
516	Compact CubeSat Gamma-ray detector for GRID mission. <i>Nuclear Science and Techniques/Hewuli</i> , 2021 , 32, 1	2.1	3
515	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. <i>Astrophysical Journal Letters</i> , 2021 , 919, L22	7.9	6
514	Neutron Star Mergers in Active Galactic Nucleus Accretion Disks: Cocoon and Ejecta Shock Breakouts. <i>Astrophysical Journal Letters</i> , 2021 , 906, L11	7.9	20
513	Blow-Radio Bursts from Galactic Magnetars?. <i>Astrophysical Journal Letters</i> , 2021 , 907, L17	7.9	6
512	Analytical Solution of Magnetically Dominated Astrophysical Jets and Winds: Jet Launching, Acceleration, and Collimation. <i>Astrophysical Journal</i> , 2021 , 906, 105	4.7	16
511	Very-high-frequency oscillations in the main peak of a magnetar giant flare.. <i>Nature</i> , 2021 , 600, 621-624	50.4	3

510	Periodicity Search on X-Ray Bursts of SGR J1935+2154 Using 8.5 yr of Fermi/GBM Data. <i>Astrophysical Journal Letters</i> , 2021 , 923, L30	7.9	3
509	On the energy and redshift distributions of fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 501, 157-167	4.3	14
508	The physical mechanisms of fast radio bursts. <i>Nature</i> , 2020 , 587, 45-53	50.4	74
507	No pulsed radio emission during a bursting phase of a Galactic magnetar. <i>Nature</i> , 2020 , 587, 63-65	50.4	55
506	A Fast Radio Burst Discovered in FAST Drift Scan Survey. <i>Astrophysical Journal Letters</i> , 2020 , 895, L6	7.9	16
505	A Binary Comb Model for Periodic Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2020 , 893, L26	7.9	65
504	A Mildly Relativistic Outflow from the Energetic, Fast-rising Blue Optical Transient CSS161010 in a Dwarf Galaxy. <i>Astrophysical Journal Letters</i> , 2020 , 895, L23	7.9	34
503	On the FRB luminosity function III. Event rate density. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 665-679	4.3	52
502	A Serendipitous Discovery of GeV Gamma-Ray Emission from Supernova 2004dj in a Survey of Nearby Star-forming Galaxies with Fermi-LAT. <i>Astrophysical Journal Letters</i> , 2020 , 896, L33	7.9	5
501	An Empirical High-confidence Candidate Zone for Fermi BL Lacertae Objects. <i>Astrophysical Journal</i> , 2020 , 891, 87	4.7	1
500	Fast Radio Bursts from Interacting Binary Neutron Star Systems. <i>Astrophysical Journal Letters</i> , 2020 , 890, L24	7.9	30
499	Fast Radio Bursts as Strong Waves Interacting with the Ambient Medium. <i>Astrophysical Journal Letters</i> , 2020 , 892, L10	7.9	9
498	Testing the Hypothesis of a Compact-binary-coalescence Origin of Fast Radio Bursts Using a Multimessenger Approach. <i>Astrophysical Journal Letters</i> , 2020 , 891, L39	7.9	6
497	Constraining the Long-lived Magnetar Remnants in Short Gamma-Ray Bursts from Late-time Radio Observations. <i>Astrophysical Journal</i> , 2020 , 890, 102	4.7	11
496	What Constraints on the Neutron Star Maximum Mass Can One Pose from GW170817 Observations?. <i>Astrophysical Journal</i> , 2020 , 893, 146	4.7	27
495	Stringent Search for Precursor Emission in Short GRBs from Fermi/GBM Data and Physical Implications. <i>Astrophysical Journal Letters</i> , 2020 , 902, L42	7.9	3
494	Are Persistent Emission Luminosity and Rotation Measure of Fast Radio Bursts Related?. <i>Astrophysical Journal</i> , 2020 , 895, 7	4.7	7
493	Kilonova Emission from Black Hole-Neutron Star Mergers. I. Viewing-angle-dependent Lightcurves. <i>Astrophysical Journal</i> , 2020 , 897, 20	4.7	20

492	Peculiar Prompt Emission and Afterglow in the H.E.S.S.-detected GRB 190829A. <i>Astrophysical Journal</i> , 2020 , 898, 42	4-7	16
491	Physical Implications of the Subthreshold GRB GBM-190816 and Its Associated Subthreshold Gravitational-wave Event. <i>Astrophysical Journal</i> , 2020 , 899, 60	4-7	8
490	GRB 200415A: A Short Gamma-Ray Burst from a Magnetar Giant Flare?. <i>Astrophysical Journal</i> , 2020 , 899, 106	4-7	19
489	Contribution of Dark Matter Annihilation to Gamma-Ray Burst Afterglows near Massive Galaxy Centers. <i>Astrophysical Journal</i> , 2020 , 904, 17	4-7	2
488	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020 , 905, 145	4-7	29
487	Nonuniversal Interstellar Density Spectra Probed by Pulsars. <i>Astrophysical Journal</i> , 2020 , 905, 159	4-7	6
486	Probing the Intergalactic Turbulence with Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2020 , 898, L48	7-9	10
485	A Comparative Study of Host Galaxy Properties between Fast Radio Bursts and Stellar Transients. <i>Astrophysical Journal Letters</i> , 2020 , 899, L6	7-9	26
484	Pair Separation in Parallel Electric Field in Magnetar Magnetosphere and Narrow Spectra of Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2020 , 901, L13	7-9	25
483	The Optical Luminosity-Time Correlation for More than 100 Gamma-Ray Burst Afterglows. <i>Astrophysical Journal Letters</i> , 2020 , 905, L26	7-9	9
482	Cosmology-insensitive estimate of IGM baryon mass fraction from five localized fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020 , 496, L28-L32	4-3	17
481	Relation between gravitational mass and baryonic mass for non-rotating and rapidly rotating neutron stars. <i>Frontiers of Physics</i> , 2020 , 15, 1	3-7	15
480	A thousand days after the merger: Continued X-ray emission from GW170817. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 5643-5651	4-3	39
479	A Comparative Study of Long and Short GRBs. II. A Multiwavelength Method to Distinguish Type II (Massive Star) and Type I (Compact Star) GRBs. <i>Astrophysical Journal</i> , 2020 , 897, 154	4-7	6
478	Is GRB 110715A the Progenitor of FRB 171209?. <i>Astrophysical Journal Letters</i> , 2020 , 894, L22	7-9	6
477	Evidence for Gravitational-wave-dominated Emission in the Central Engine of Short GRB 200219A. <i>Astrophysical Journal Letters</i> , 2020 , 898, L6	7-9	3
476	Exploring the effects of magnetar bursts in pulsar wind nebulae. <i>Journal of High Energy Astrophysics</i> , 2020 , 28, 10-18	2-5	1
475	Blazar-IceCube neutrino association revisited. <i>Physical Review D</i> , 2020 , 101,	4-9	5

474	Diverse polarization angle swings from a repeating fast radio burst source. <i>Nature</i> , 2020 , 586, 693-696	50.4	43
473	A unified picture of Galactic and cosmological fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 1397-1405	4.3	76
472	On the magnetoionic environments of fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 355-361	4.3	4
471	Relativistic Astronomy. III. Test of Special Relativity via Doppler Effect. <i>Astrophysical Journal</i> , 2019 , 883, 159	4.7	0
470	The afterglow and kilonova of the short GRB 160821B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4.3	39
469	Propagation of a Short GRB Jet in the Ejecta: Jet Launching Delay Time, Jet Structure, and GW170817/GRB 170817A. <i>Astrophysical Journal Letters</i> , 2019 , 877, L40	7.9	23
468	How Bright Are Fast Optical Bursts Associated With Fast Radio Bursts?. <i>Astrophysical Journal</i> , 2019 , 878, 89	4.7	17
467	On the Time-Frequency Downward Drifting of Repeating Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2019 , 876, L15	7.9	42
466	Relativistic Astronomy. II. In-flight Solution of Motion and Test of Special Relativity Light Aberration. <i>Astrophysical Journal</i> , 2019 , 877, 14	4.7	3
465	Second Repeating FRB 180814.J0422+73: Ten-year Fermi-LAT Upper Limits and Implications. <i>Astrophysical Journal Letters</i> , 2019 , 875, L19	7.9	8
464	Coherent Radio Emission from a Twisted Magnetosphere after a Magnetar-quake. <i>Astrophysical Journal</i> , 2019 , 875, 84	4.7	6
463	Investigation of the asteroid-neutron star collision model for the repeating fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1367-1376	4.3	15
462	Multimessenger tests of Einstein's weak equivalence principle and Lorentz invariance with a high-energy neutrino from a flaring blazar. <i>Journal of High Energy Astrophysics</i> , 2019 , 22, 1-4	2.5	13
461	Charged Compact Binary Coalescence Signal and Electromagnetic Counterpart of Plunging Black Hole-Neutron Star Mergers. <i>Astrophysical Journal Letters</i> , 2019 , 873, L9	7.9	23
460	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5294-5318	4.3	12
459	A magnetar-powered X-ray transient as the aftermath of a binary neutron-star merger. <i>Nature</i> , 2019 , 568, 198-201	50.4	54
458	On the Broadband Synchrotron Spectra of Pulsar Wind Nebulae. <i>Astrophysical Journal</i> , 2019 , 872, 10	4.7	10
457	GRID: a student project to monitor the transient gamma-ray sky in the multi-messenger astronomy era. <i>Experimental Astronomy</i> , 2019 , 48, 77-95	1.3	17

456	Cosmology-independent Estimate of the Fraction of Baryon Mass in the IGM from Fast Radio Burst Observations. <i>Astrophysical Journal</i> , 2019 , 876, 146	4.7	25
455	Analysis and Modeling of the Multi-wavelength Observations of the Luminous GRB 190114C. <i>Astrophysical Journal Letters</i> , 2019 , 879, L26	7.9	25
454	The delay time of gravitational wave γ -ray burst associations. <i>Frontiers of Physics</i> , 2019 , 14, 1	3.7	26
453	On neutralization of charged black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 488, 2722-2731	4.3	5
452	On the Properties of a Newborn Magnetar Powering the X-Ray Transient CDF-S XT2. <i>Astrophysical Journal Letters</i> , 2019 , 879, L7	7.9	14
451	Viewing Angle Constraints on S190425z and S190426c and the Joint Gravitational-wave/Gamma-Ray Detection Fractions for Binary Neutron Star Mergers. <i>Astrophysical Journal Letters</i> , 2019 , 881, L40	7.9	10
450	Non-detection of fast radio bursts from six gamma-ray burst remnants with possible magnetar engines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 3643-3647	4.3	15
449	Double-tracking Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. <i>Astrophysical Journal</i> , 2019 , 884, 109	4.7	8
448	The FRB 121102 Host Is Atypical among Nearby Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2019 , 884, L26	7.9	20
447	CDF-S XT1 and XT2: White Dwarf Tidal Disruption Events by Intermediate-mass Black Holes?. <i>Astrophysical Journal Letters</i> , 2019 , 884, L34	7.9	8
446	Gamma-Ray Bursts Induced by Turbulent Reconnection. <i>Astrophysical Journal</i> , 2019 , 882, 184	4.7	12
445	Limits on the Weak Equivalence Principle and Photon Mass with FRB 121102 Subpulses. <i>Astrophysical Journal Letters</i> , 2019 , 882, L13	7.9	20
444	The Time-resolved Spectra of Photospheric Emission from a Structured Jet for Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2019 , 882, 26	4.7	19
443	The Shallow Decay Segment of GRB X-Ray Afterglow Revisited. <i>Astrophysical Journal</i> , 2019 , 883, 97	4.7	15
442	The IceCube Coincident Neutrino Event is Unlikely to be Physically Associated with LIGO/Virgo S190728q. <i>Research Notes of the AAS</i> , 2019 , 3, 114	0.8	
441	Synchrotron Self-Compton Emission from External Shocks as the Origin of the Sub-TeV Emission in GRB 180720B and GRB 190114C. <i>Astrophysical Journal</i> , 2019 , 884, 117	4.7	32
440	A Unified Binary Neutron Star Merger Magnetar Model for the Chandra X-Ray Transients CDF-S XT1 and XT2. <i>Astrophysical Journal</i> , 2019 , 886, 129	4.7	15
439	Modeling the Observations of GRB 180720B: from Radio to Sub-TeV Gamma-Rays. <i>Astrophysical Journal</i> , 2019 , 885, 29	4.7	15

438	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019 , 886, L33	7.9	3
437	Multiwavelength observations of GRB 140629A. <i>Astronomy and Astrophysics</i> , 2019 , 632, A100	5.1	3
436	A long-lived neutron star merger remnant in GW170817: constraints and clues from X-ray observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 1912-1921	4.3	81
435	Bright Merger-nova Emission Powered by Magnetic Wind from a Newborn Black Hole. <i>Astrophysical Journal Letters</i> , 2018 , 852, L5	7.9	14
434	A Large Catalog of Multiwavelength GRB Afterglows. I. Color Evolution and Its Physical Implication. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 234, 26	8	14
433	On the non-detection of Glashow resonance in IceCube. <i>Journal of High Energy Astrophysics</i> , 2018 , 18, 1-4	2.5	5
432	On the Synchrotron Spectrum of GRB Prompt Emission. <i>Astrophysical Journal</i> , 2018 , 853, 43	4.7	14
431	A peculiar low-luminosity short gamma-ray burst from a double neutron star merger progenitor. <i>Nature Communications</i> , 2018 , 9, 447	17.4	90
430	Low-energy Spectra of Gamma-Ray Bursts from Cooling Electrons. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 234, 3	8	31
429	Are There Multiple Populations of Fast Radio Bursts?. <i>Astrophysical Journal Letters</i> , 2018 , 854, L12	7.9	56
428	Toward an understanding of post-necking behavior in ultrafine-scale Cu/Ni laminated composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018 , 716, 72-77	5.3	5
427	Enhancing fatigue strength of high-strength ultrafine-scale Cu/Ni laminated composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018 , 714, 43-48	5.3	8
426	Relativistic Astronomy. <i>Astrophysical Journal</i> , 2018 , 854, 123	4.7	6
425	Fermi Large Area Telescope Detection of Gamma-Ray Emission from the Direction of Supernova iPTF14hls. <i>Astrophysical Journal Letters</i> , 2018 , 854, L18	7.9	10
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