Xuefeng Wu

List of Publications by Year
in descending order

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194 papers	9,197 citations	41344 49 h-index	46799 89 g-index
194 all docs	194 docs citations	194 times ranked	4712 citing authors

#	Article	IF	Citations
1	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. Science, 2009, 323, 1688-1693.	12.6	523
2	A limit on the variation of the speed of light arising from quantum gravity effects. Nature, 2009, 462, 331-334.	27.8	454
3	Broadband observations of the naked-eye Î³-ray burst GRBâ€‰080319B. Nature, 2008, 455, 183-188.	27.8	449
4	A PHOTOMETRIC REDSHIFT OFzâ‰ˆ 9.4 FOR GRB 090429B. Astrophysical Journal, 2011, 736, 7.	4.5	352
5	DISCERNING THE PHYSICAL ORIGINS OF COSMOLOGICAL GAMMA-RAY BURSTS BASED ON MULTIPLE OBSERVATIONAL CRITERIA: THE CASES OFz= 6.7 GRB 080913,z= 8.2 GRB 090423, AND SOME SHORT/HARD GRBs. Astrophysical Journal, 2009, 703, 1696-1724.	4.5	307
6	FERMIOBSERVATIONS OF GRB 090510: A SHORT-HARD GAMMA-RAY BURST WITH AN ADDITIONAL, HARD POWER-LAW COMPONENT FROM 10 keV TO GeV ENERGIES. Astrophysical Journal, 2010, 716, 1178-1190.	4.5	306
7	X-ray Flares from Postmerger Millisecond Pulsars. Science, 2006, 311, 1127-1129.	12.6	295
8	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
9	A COMPREHENSIVE ANALYSIS OFFERMIGAMMA-RAY BURST DATA. I. SPECTRAL COMPONENTS AND THE POSSIBLE PHYSICAL ORIGINS OF LAT/GBM GRBs. Astrophysical Journal, 2011, 730, 141.	4.5	202
10	The Observerâ€™s Guide to the Gamma-Ray Burst Supernova Connection. Advances in Astronomy, 2017, 2017, 1-41.	1.1	188
11	DETECTION OF A SPECTRAL BREAK IN THE EXTRA HARD COMPONENT OF GRB 090926A. Astrophysical Journal, 2011, 729, 114.	4.5	179
12	GRB 080913 AT REDSHIFT 6.7. Astrophysical Journal, 2009, 693, 1610-1620.	4.5	175
13	A complete reference of the analytical synchrotron external shock models of gamma-ray bursts. New Astronomy Reviews, 2013, 57, 141-190.	12.8	175
14	FAST RADIO BURSTS FROM THE INSPIRAL OF DOUBLE NEUTRON STARS. Astrophysical Journal Letters, 2016, 822, L7.	8.3	153
15	REPEATING FAST RADIO BURSTS FROM HIGHLY MAGNETIZED PULSARS TRAVELING THROUGH ASTEROID BELTS. Astrophysical Journal, 2016, 829, 27.	4.5	139
16	SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510. Astrophysical Journal Letters, 2010, 709, L146-L151.	8.3	130
17	eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .	0.8	106
18	Rebrightening of XRF 030723: Further Evidence for a Twoâ€Component Jet in a Gammaâ€Ray Burst. Astrophysical Journal, 2004, 605, 300-306.	4.5	104

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19	Testing Einsteinâ€™s Equivalence Principle With Fast Radio Bursts. Physical Review Letters, 2015, 115, 261101.	7.8	100
20	BRIGHT BROADBAND AFTERGLOWS OF GRAVITATIONAL WAVE BURSTS FROM MERGERS OF BINARY NEUTRON STARS. Astrophysical Journal, 2013, 771, 86.	4.5	99
21	The Luminosity- E p Relation within Gamma-Ray Bursts and the Implications for Fireball Models. Astrophysical Journal, 2004, 606, L29-L32.	4.5	95
22	Photosphere-internal shock model of gamma-ray bursts: case studies of Fermi/LAT bursts. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1663-1680.	4.4	92
23	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. II. AFTERGLOW ONSET AND LATE RE-BRIGHTENING COMPONENTS. Astrophysical Journal, 2013, 774, 13.	4.5	90
24	Optical flashes and very early afterglows in wind environments. Monthly Notices of the Royal Astronomical Society, 2003, 342, 1131-1138.	4.4	89
25	Petaâ€“electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
26	GRB 080503 LATE AFTERGLOW RE-BRIGHTENING: SIGNATURE OF A MAGNETAR-POWERED MERGER-NOVA. Astrophysical Journal, 2015, 807, 163.	4.5	84
27	The Allowed Parameter Space of a Long-lived Neutron Star as the Merger Remnant of GW170817. Astrophysical Journal, 2018, 860, 57.	4.5	84
28	A SUPRAMASSIVE MAGNETAR CENTRAL ENGINE FOR GRB 130603B. Astrophysical Journal Letters, 2013, 779, L25.	8.3	82
29	SUPERLUMINOUS SUPERNOVAE POWERED BY MAGNETARS: LATE-TIME LIGHT CURVES AND HARD EMISSION LEAKAGE. Astrophysical Journal, 2015, 799, 107.	4.5	77
30	KLEIN-NISHINA EFFECTS ON THE HIGH-ENERGY AFTERGLOW EMISSION OF GAMMA-RAY BURSTS. Astrophysical Journal, 2010, 712, 1232-1240.	4.5	74
31	Signature of gravitational wave radiation in afterglows of short gamma-ray bursts?. Physical Review D, 2013, 88, .	4.7	73
32	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:m Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
33	THE GAMMA-RAY BURST HUBBLE DIAGRAM AND ITS IMPLICATIONS FOR COSMOLOGY. Astrophysical Journal, 2013, 772, 43.	4.5	70
34	Optical observations of LIGO source GW 170817 by the Antarctic Survey Telescopes at Dome A, Antarctica. Science Bulletin, 2017, 62, 1433-1438.	9.0	69
35	GIANT X-RAY BUMP IN GRB 121027A: EVIDENCE FOR FALL-BACK DISK ACCRETION. Astrophysical Journal Letters, 2013, 767, L36.	8.3	67
36	Observation of the Crab Nebula with LHAASO-KM2A â˜’ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67

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37	GRB 030226 in a Density-Jump Medium. Astrophysical Journal, 2003, 591, L21-L24.	4.5	65
38	Early afterglows in wind environments revisited. Monthly Notices of the Royal Astronomical Society, 2005, 363, 93-106.	4.4	65
39	Detailed polarization measurements of the prompt emission of five gamma-ray bursts. Nature Astronomy, 2019, 3, 258-264.	10.1	62
40	ON THE HIGH-ENERGY EMISSION OF THE SHORT GRB 090510. Astrophysical Journal, 2011, 733, 22.	4.5	61
41	CONSTRAINTS ON THE PHOTON MASS WITH FAST RADIO BURSTS. Astrophysical Journal Letters, 2016, 822, L15.	8.3	61
42	AN UP-SCATTERED COCOON EMISSION MODEL OF GAMMA-RAY BURST HIGH-ENERGY LAGS. Astrophysical Journal, 2009, 707, 1404-1416.	4.5	57
43	EARLY AFTERGLOWS OF GAMMA-RAY BURSTS IN A STRATIFIED MEDIUM WITH A POWER-LAW DENSITY DISTRIBUTION. Astrophysical Journal, 2013, 776, 120.	4.5	57
44	COSMIC TRANSIENTS TEST EINSTEINâ€™S EQUIVALENCE PRINCIPLE OUT TO GeV ENERGIES. Astrophysical Journal, 2015, 810, 121.	4.5	57
45	A COMPARATIVE ANALYSIS OF THE SUPERNOVA LEGACY SURVEY SAMPLE WITH Î›CDM AND THER_h=ctUNIVERSE. Astronomical Journal, 2015, 149, 102.	4.7	57
46	INTERPRETATION OF THE UNPRECEDENTEDLY LONG-LIVED HIGH-ENERGY EMISSION OF GRB 130427A. Astrophysical Journal Letters, 2013, 773, L20.	8.3	55
47	FERMIDETECTION OF DELAYED GeV EMISSION FROM THE SHORT GAMMA-RAY BURST 081024B. Astrophysical Journal, 2010, 712, 558-564.	4.5	54
48	Cosmological tests using gamma-ray bursts, the star formation rate and possible abundance evolution. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3329-3341.	4.4	54
49	Observatory science with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	50
50	Hyperaccreting Black Hole as Gamma-Ray Burst Central Engine. II. Temporal Evolution of the Central Engine Parameters during the Prompt and Afterglow Phases. Astrophysical Journal, 2017, 849, 47.	4.5	49
51	Low-energy Spectra of Gamma-Ray Bursts from Cooling Electrons. Astrophysical Journal, Supplement Series, 2018, 234, 3.	7.7	49
52	A New Test of Lorentz Invariance Violation: The Spectral Lag Transition of GRB 160625B. Astrophysical Journal Letters, 2017, 834, L13.	8.3	45
53	Constraining the Type of Central Engine of GRBs with Swift Data. Astrophysical Journal, Supplement Series, 2018, 236, 26.	7.7	43
54	PANCHROMATIC OBSERVATIONS OF THE TEXTBOOK GRB 110205A: CONSTRAINING PHYSICAL MECHANISMS OF PROMPT EMISSION AND AFTERGLOW. Astrophysical Journal, 2012, 751, 90.	4.5	41

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55	The high energy cosmic-radiation detection (HERD) facility onboard China's Space Station. Proceedings of SPIE, 2014, , .	0.8	41
56	Testing Einsteinâ€™s weak equivalence principle with gravitational waves. Physical Review D, 2016, 94, .	4.7	41
57	The Origin of the Prompt Emission for Short GRB 170817A: Photosphere Emission or Synchrotron Emission?. Astrophysical Journal, 2018, 860, 72.	4.5	41
58	TESTS OF THE EINSTEIN EQUIVALENCE PRINCIPLE USING TeV BLAZARS. Astrophysical Journal Letters, 2016, 818, L2.	8.3	40
59	Pair Separation in Parallel Electric Field in Magnetar Magnetosphere and Narrow Spectra of Fast Radio Bursts. Astrophysical Journal Letters, 2020, 901, L13.	8.3	40
60	The Hâ€‰ii galaxy Hubble diagram strongly favoursR_h=ctover Î›CDM. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1144-1152.	4.4	39
61	GRID: a student project to monitor the transient gamma-ray sky in the multi-messenger astronomy era. Experimental Astronomy, 2019, 48, 77-95.	3.7	38
62	GRB 110721A: PHOTOSPHERE â€œDEATH LINEâ€•AND THE PHYSICAL ORIGIN OF THE GRB BAND FUNCTION. Astrophysical Journal Letters, 2012, 758, L34.	8.3	37
63	A UNIFIED ENERGY-RESERVOIR MODEL CONTAINING CONTRIBUTIONS FROM ${}^{56}mathrm{Ni}$ AND NEUTRON STARS AND ITS IMPLICATION FOR LUMINOUS TYPE Ic SUPERNOVAE. Astrophysical Journal, 2015, 807, 147.	4.5	37
64	Gamma-ray bursts: polarization of afterglows from two-component jets. Monthly Notices of the Royal Astronomical Society, 2005, 357, 1197-1204.	4.4	35
65	Analytical Light Curves in the Realistic Model for Gammaâ€Ray Burst Afterglows. Astrophysical Journal, 2005, 619, 968-982.	4.5	33
66	Multimessenger tests of the weak equivalence principle from GW170817 and its electromagnetic counterparts. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 035-035.	5.4	33
67	THE LATE PEAKING AFTERGLOW OF GRB 100418A. Astrophysical Journal, 2011, 727, 132.	4.5	32
68	A CORRELATED STUDY OF OPTICAL AND X-RAY AFTERGLOWS OF GRBs. Astrophysical Journal, 2015, 805, 13.	4.5	31
69	Afterglows and Kilonovae Associated with Nearby Low-luminosity Short-duration Gamma-Ray Bursts: Application to GW170817/GRB 170817A. Astrophysical Journal Letters, 2017, 850, L41.	8.3	31
70	Cosmology with Gravitational Wave/Fast Radio Burst Associations. Astrophysical Journal Letters, 2018, 860, L7.	8.3	31
71	The Time-resolved Spectra of Photospheric Emission from a Structured Jet for Gamma-Ray Bursts. Astrophysical Journal, 2019, 882, 26.	4.5	31
72	A TRIPLE-ENERGY-SOURCE MODEL FOR SUPERLUMINOUS SUPERNOVA iPTF13ehe. Astrophysical Journal, 2016, 828, 87.	4.5	30

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73	Limits on the neutrino velocity, Lorentz invariance, and the weak equivalence principle with TeV neutrinos from gamma-ray bursts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 031-031.	5.4	30
74	OPTICAL TRANSIENTS POWERED BY MAGNETARS: DYNAMICS, LIGHT CURVES, AND TRANSITION TO THE NEBULAR PHASE. Astrophysical Journal, 2016, 821, 22.	4.5	30
75	A New Measurement of the Spectral Lag of Gamma-Ray Bursts and its Implications for Spectral Evolution Behaviors. Astrophysical Journal, 2017, 844, 126.	4.5	30
76	Compton scattering of self-absorbed synchrotron emission. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2520-2531.	4.4	29
77	Brightening X-Ray/Optical/Radio Emission of GW170817/SGRB 170817A: Evidence for an Electronâ€“Positron Wind from the Central Engine?. Astrophysical Journal Letters, 2018, 856, L33.	8.3	29
78	TIME EVOLUTION OF FLARES IN GRB 130925A: JET PRECESSION IN A BLACK HOLE ACCRETION SYSTEM. Astrophysical Journal Letters, 2014, 781, L19.	8.3	28
79	IMPRINTS OF ELECTRONâ€“POSITRON WINDS ON THE MULTIWAVELENGTH AFTERGLOWS OF GAMMA-RAY BURSTS. Astrophysical Journal, 2016, 825, 107.	4.5	28
80	LATE-TIME DETECTIONS OF THE X-RAY AFTERGLOW OF GRB 060729 WITHCHANDRAâ€”THE LATEST DETECTIONS EVER OF AN X-RAY AFTERGLOW. Astrophysical Journal, 2010, 711, 1008-1016.	4.5	27
81	A STATISTICAL MODEL FOR THE Î³-RAY VARIABILITY OF THE CRAB NEBULA. Astrophysical Journal Letters, 2011, 730, L15.	8.3	27
82	A COMPARISON OF COSMOLOGICAL MODELS USING TIME DELAY LENSES. Astrophysical Journal, 2014, 788, 190.	4.5	27
83	A COMPARISON OF COSMOLOGICAL MODELS USING STRONG GRAVITATIONAL LENSING GALAXIES. Astronomical Journal, 2015, 149, 2.	4.7	27
84	Lorentz Invariance Violation Limits from the Spectral-lag Transition of GRB 190114C. Astrophysical Journal, 2021, 906, 8.	4.5	27
85	FERMI OBSERVATIONS OF HIGH-ENERGY GAMMA-RAY EMISSION FROM GRB 090217A. Astrophysical Journal Letters, 2010, 717, L127-L132.	8.3	26
86	CONSTRAINTS ON THE BULK LORENTZ FACTORS OF GRB X-RAY FLARES. Astrophysical Journal, 2015, 807, 92.	4.5	26
87	â€œDouble-trackingâ€•Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. Astrophysical Journal, 2019, 884, 109.	4.5	26
88	Limits on the Weak Equivalence Principle and Photon Mass with FRB 121102 Subpulses. Astrophysical Journal Letters, 2019, 882, L13.	8.3	26
89	Testing fundamental physics with astrophysical transients. Frontiers of Physics, 2021, 16, 1.	5.0	26
90	Constraining Anisotropic Lorentz Violation via the Spectral-lag Transition of GRB 160625B. Astrophysical Journal, 2017, 842, 115.	4.5	25

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91	Strongly lensed gravitational waves and electromagnetic signals as powerful cosmic rulers. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2906-2912.	4.4	25
92	Multicolor Blackbody Emission in GRB 081221. Astrophysical Journal, 2018, 866, 13.	4.5	25
93	Jet Break Timeâ€“Flux Density Relationship and Constraints on Physical Parameters of Gammaâ€Ray Burst Afterglows. Astrophysical Journal, 2004, 615, 359-365.	4.5	24
94	DELAYED ENERGY INJECTION MODEL FOR GAMMA-RAY BURST AFTERGLOWS. Astrophysical Journal, 2013, 779, 28.	4.5	24
95	Lorentz factor â€" Beaming corrected energy/luminosity correlations and GRB central engine models. Journal of High Energy Astrophysics, 2017, 13-14, 1-9.	6.7	24
96	A Further Test of Lorentz Violation from the Rest-frame Spectral Lags of Gamma-Ray Bursts. Astrophysical Journal, 2017, 851, 127.	4.5	24
97	An Energetic Blast Wave from the 2004 December 27 Giant Flare of the Soft Gamma-Ray Repeater SGR 1806-20. Astrophysical Journal, 2005, 623, L29-L32.	4.5	23
98	The SiTian Project. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200628.	0.8	23
99	Cosmological tests using the angular size of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2015, 447, 479-485.	4.4	22
100	POLARIZATION EVOLUTION OF EARLY OPTICAL AFTERGLOWS OF GAMMA-RAY BURSTS. Astrophysical Journal, 2016, 816, 73.	4.5	22
101	COSMIC EVOLUTION OF LONG GAMMA-RAY BURST LUMINOSITY. Astrophysical Journal, 2016, 820, 66.	4.5	22
102	Fall back accretion and energy injections in gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2014, 446, 3642-3650.	4.4	21
103	REVISITING THE EMISSION FROM RELATIVISTIC BLAST WAVES IN A DENSITY-JUMP MEDIUM. Astrophysical Journal, 2014, 792, 31.	4.5	21
104	Fast radio bursts from primordial black hole binaries coalescence. Physical Review D, 2018, 98, .	4.7	21
105	Constraining the evolution of the baryon fraction in the IGM with FRB and H(z) data. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 039-039.	5.4	21
106	A Large Catalog of Multiwavelength GRB Afterglows. I. Color Evolution and Its Physical Implication. Astrophysical Journal, Supplement Series, 2018, 234, 26.	7.7	20
107	Estimation of the detectability of optical orphan afterglows. Astronomy and Astrophysics, 2007, 461, 115-119.	5.1	19
108	The afterglow and host galaxy of GRBâ€‰090205: evidence of a Ly-Î±emitter at z = 4.65. Astronomy and Astrophysics, 2010, 522, A20.	5.1	19

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109	Possible high-energy neutrino and photon signals from gravitational wave bursts due to double neutron star mergers. Physical Review D, 2013, 88, .	4.7	19
110	DISTRIBUTIONS OF GAMMA-RAY BURSTS AND BLAZARS IN THEL_p-E_p-PLANE AND POSSIBLE IMPLICATIONS FOR THEIR RADIATION PHYSICS. Astrophysical Journal, 2014, 793, 36.	4.5	19
111	TESTING COSMOLOGICAL MODELS WITH TYPE Ic SUPER LUMINOUS SUPERNOVAE. Astronomical Journal, 2015, 149, 165.	4.7	19
112	New limits on the photon mass with radio pulsars in the Magellanic clouds. Research in Astronomy and Astrophysics, 2017, 17, 13.	1.7	19
113	PROBING THE BIRTH OF POST-MERGER MILLISECOND MAGNETARS WITH X-RAY AND GAMMA-RAY EMISSION. Astrophysical Journal, 2016, 823, 15.	4.5	19
114	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.	7.8	19
115	Multiwavelength View of the Close-by GRB 190829A Sheds Light on Gamma-Ray Burst Physics. Astrophysical Journal Letters, 2022, 931, L19.	8.3	19
116	Gammaâ€Ray Bursts from Neutron Star Kicks. Astrophysical Journal, 2003, 594, 919-923.	4.5	18
117	A DOUBLE NEUTRON STAR MERGER ORIGIN FOR THE COSMOLOGICAL RELATIVISTIC FADING SOURCE PTF11agg?. Astrophysical Journal Letters, 2014, 781, L10.	8.3	18
118	Variability of the giant X-ray bump in GRB 121027A and its possible origin. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2375-2379.	4.4	18
119	Robust limits on photon mass from statistical samples of extragalactic radio pulsars. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 045-045.	5.4	18
120	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.	6.7	18
121	The Bright Reverse Shock Emission in the Optical Afterglows of Gamma-Ray Bursts in a Stratified Medium. Astrophysical Journal, 2020, 895, 94.	4.5	18
122	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
123	IS THE LATE NEAR-INFRARED BUMP IN SHORT-HARD GRB 130603B DUE TO THE LI-PACZYNSKI KILONOVA?. Astrophysical Journal Letters, 2013, 775, L19.	8.3	17
124	THE ORIGIN OF THE PLATEAU AND LATE REBRIGHTENING IN THE AFTERGLOW OF GRB 120326A. Astrophysical Journal, 2014, 785, 113.	4.5	17
125	Impact of a Locally Measured H₀ on the Interpretation of Cosmic-chronometer Data. Astrophysical Journal, 2017, 835, 270.	4.5	17
126	The luminosity function and formation rate of a complete sample of long gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4607-4613.	4.4	17

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127	New test of weak equivalence principle using polarized light from astrophysical events. Physical Review D, 2017, 95, .	4.7	16
128	GRB 060206: hints of precession of the central engine?. Astronomy and Astrophysics, 2008, 487, 503-508.	5.1	15
129	SOLVING THE ⁵⁶Ni PUZZLE OF MAGNETAR-POWERED BROAD-LINED TYPE IC SUPERNOVAE. Astrophysical Journal, 2016, 831, 41.	4.5	15
130	Afterglow Light Curves of Jetted Gamma-ray Burst Ejecta in Stellar Winds. Research in Astronomy and Astrophysics, 2004, 4, 455-472.	1.1	14
131	THE AGEâ€"REDSHIFT RELATIONSHIP OF OLD PASSIVE GALAXIES. Astronomical Journal, 2015, 150, 35.	4.7	14
132	Gamma-ray burst cosmology: Hubble diagram and star formation history. International Journal of Modern Physics D, 2017, 26, 1730002.	2.1	14
133	Similar Scale-invariant Behaviors between Soft Gamma-Ray Repeaters and an Extreme Epoch from FRB 121102. Astrophysical Journal, 2021, 920, 153.	4.5	14
134	Constraining the mass of the photon with gamma-ray bursts. Journal of High Energy Astrophysics, 2016, 11-12, 20-28.	6.7	13
135	Exoplanets in the Antarctic Sky. II. 116 Transiting Exoplanet Candidates Found by AST3-II (CHESPA) within the Southern CVZ of TESS. Astrophysical Journal, Supplement Series, 2019, 240, 17.	7.7	13
136	A comparison between repeating bursts of FRB 121102 and giant pulses from Crab pulsar and its applications. Frontiers of Physics, 2021, 16, 1.	5.0	13
137	The photosphere emission spectrum of hybrid relativistic outflow for gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2021, 509, 6047-6058.	4.4	13
138	A Two-Component Explosion Model for the Giant Flare and Radio Afterglow from SGR 1806-20. Astrophysical Journal, 2005, 629, L81-L84.	4.5	11
139	Gamma-Ray Burst Optical Afterglows with Two-component Jets: Polarization Evolution Revisited. Astrophysical Journal, 2018, 860, 44.	4.5	11
140	Self-organized criticality in multi-pulse gamma-ray bursts. Frontiers of Physics, 2021, 16, 1.	5.0	11
141	PHOTOMETRY OF VARIABLE STARS FROM THE THU-NAOC TRANSIENT SURVEY. I. THE FIRST TWO YEARS. Astronomical Journal, 2015, 150, 107.	4.7	10
142	Radio afterglows and host galaxies of gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1815-1823.	4.4	10
143	Direct Estimate of the Post-Newtonian Parameter and Cosmic Curvature from Galaxy-scale Strong Gravitational Lensing. Astrophysical Journal Letters, 2022, 927, L1.	8.3	10
144	Testing Einstein's Equivalence Principle with supercluster Laniakea's gravitational field. Journal of High Energy Astrophysics, 2016, 9-10, 35-38.	6.7	9

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145	GRBs and Fundamental Physics. Space Science Reviews, 2016, 202, 195-234.	8.1	9
146	Constraints on Lorentz Invariance Violation with Multiwavelength Polarized Astrophysical Sources. Galaxies, 2021, 9, 44.	3.0	9
147	Utilizing the Updated Gamma-Ray Bursts and Type Ia Supernovae to Constrain the Cardassian Expansion Model and Dark Energy. Advances in Astronomy, 2015, 2015, 1-12.	1.1	8
148	Probing Magnetic Fields of GRB X-Ray Flares with Polarization Observations. Astrophysical Journal, 2018, 862, 115.	4.5	8
149	Exoplanets in the Antarctic Sky. I. The First Data Release of AST3-II (CHESPA) and New Found Variables within the Southern CVZ of TESS. Astrophysical Journal, Supplement Series, 2019, 240, 16.	7.7	8
150	SIGNATURE OF A SPIN-UP MAGNETAR FROM MULTI-BAND AFTERGLOW REBRIGHTENING OF GRB 100814A. Astrophysical Journal, 2015, 805, 88.	4.5	7
151	Precision test of the weak equivalence principle from gamma-ray burst polarization. Physical Review D, 2019, 99, .	4.7	7
152	Polarization with a Three-dimensional Mixed Magnetic Field and Its Application to GRB 170817A. Astrophysical Journal, 2019, 870, 96.	4.5	7
153	Parkes Transient Events. I. Database of Single Pulses, Initial Results, and Missing Fast Radio Bursts. Astrophysical Journal, Supplement Series, 2020, 249, 14.	7.7	7
154	Combined limit on the photon mass with nine localized fast radio bursts. Research in Astronomy and Astrophysics, 2020, 20, 206.	1.7	7
155	Voltage Relaxation and Its Influence on Critical Current Measurements. Journal of Superconductivity and Novel Magnetism, 2000, 13, 453-458.	0.5	6
156	Testing the predictions of the universal structured jet model of gamma-ray bursts by simulations. Monthly Notices of the Royal Astronomical Society, 2004, 354, 81-85.	4.4	6
157	Revisiting the luminosity and redshift distributions of long gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2021, 508, 52-68.	4.4	6
158	The Numerical Study of Influence of Flux Creep on AC Losses in Superconductors. Journal of Superconductivity and Novel Magnetism, 2001, 14, 631-635.	0.5	5
159	Testing GammaâCRay Burst Jet Structure with the Distribution of GammaâCRay Energy Release. Astrophysical Journal, 2005, 634, 1155-1165.	4.5	5
160	X-ray flares from late internal and late external shocks. Advances in Space Research, 2007, 40, 1208-1213.	2.6	4
161	Diffuse high energy neutrinos and cosmic rays from hyperflares of soft-gamma repeaters. New Astronomy, 2010, 15, 292-296.	1.8	4
162	TESTING MODELS FOR THE SHALLOW DECAY PHASE OF GAMMA-RAY BURST AFTERGLOWS WITH POLARIZATION OBSERVATIONS. Astrophysical Journal, 2016, 826, 128.	4.5	4

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