

# Xuefeng Wu

## List of Publications by Year in descending order

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194  
papers

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times ranked

4712  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\gamma$ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.  | 2.9  | 19        |
| 2  | Direct Estimate of the Post-Newtonian Parameter and Cosmic Curvature from Galaxy-scale Strong Gravitational Lensing. Astrophysical Journal Letters, 2022, 927, L1.                | 3.0  | 10        |
| 3  | Diagnosing the Circumburst Environment with Multiband Gamma-Ray Burst Radio Afterglows. Astrophysical Journal, 2022, 927, 84.   | 1.6  | 1         |
| 4  | A semi-analytical solution to the forward “reverse shock hydrodynamics of the gamma-ray burst afterglow. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4887-4898. | 1.6  | 2         |
| 5  | Antarctic Survey Telescope 3-3: Overview, System Performance and Preliminary Observations at Yaoan, Yunnan. Universe, 2022, 8, 303.   | 0.9  | 1         |
| 6  | Multiwavelength View of the Close-by GRB 190829A Sheds Light on Gamma-Ray Burst Physics. Astrophysical Journal Letters, 2022, 931, L19.   | 3.0  | 19        |
| 7  | Self-organized criticality in multi-pulse gamma-ray bursts. Frontiers of Physics, 2021, 16, 1.  | 2.4  | 11        |
| 8  | The SiTian Project. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200628.  | 0.3  | 23        |
| 9  | A comparison between repeating bursts of FRB 121102 and giant pulses from Crab pulsar and its applications. Frontiers of Physics, 2021, 16, 1.                                    | 2.4  | 13        |
| 10 | Observation of the Crab Nebula with LHAASO-KM2A a performance study *. Chinese Physics C, 2021, 45, 025002.   | 1.5  | 67        |
| 11 | Polarization Predictions in the GRB Prompt Phase with the Internal Shock Model. Astrophysical Journal, 2021, 909, 184.  | 1.6  | 4         |
| 12 | Testing fundamental physics with astrophysical transients. Frontiers of Physics, 2021, 16, 1.   | 2.4  | 26        |
| 13 | Polarization of GRB prompt emission and its application to POLAR’s data. Research in Astronomy and Astrophysics, 2021, 21, 055.   | 0.7  | 2         |
| 14 | Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\gamma$ -ray Galactic sources. Nature, 2021, 594, 33-36.  | 13.7 | 262       |
| 15 | Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR $J0622+3749$ Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.                                    | 2.9  | 73        |
| 16 | Constraints on Lorentz Invariance Violation with Multiwavelength Polarized Astrophysical Sources. Galaxies, 2021, 9, 44.  | 1.1  | 9         |
| 17 | Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.  | 1.4  | 18        |
| 18 | Petaelectron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.   | 6.0  | 86        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.  | 1.2 | 0         |
| 20 | A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.  | 0.4 | 1         |
| 21 | Revisiting the luminosity and redshift distributions of long gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2021, 508, 52-68.  | 1.6 | 6         |
| 22 | Lorentz Invariance Violation Limits from the Spectral-lag Transition of GRB 190114C. Astrophysical Journal, 2021, 906, 8.  | 1.6 | 27        |
| 23 | Similar Scale-invariant Behaviors between Soft Gamma-Ray Repeaters and an Extreme Epoch from FRB 121102. Astrophysical Journal, 2021, 920, 153.  | 1.6 | 14        |
| 24 | The photosphere emission spectrum of hybrid relativistic outflow for gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2021, 509, 6047-6058.  | 1.6 | 13        |
| 25 | 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         |
| 26 | Parkes Transient Events. I. Database of Single Pulses, Initial Results, and Missing Fast Radio Bursts. Astrophysical Journal, Supplement Series, 2020, 249, 14.  | 3.0 | 7         |
| 27 | The Bright Reverse Shock Emission in the Optical Afterglows of Gamma-Ray Bursts in a Stratified Medium. Astrophysical Journal, 2020, 895, 94.  | 1.6 | 18        |
| 28 | Testing the weak equivalence principle and Lorentz invariance with multiwavelength polarization observations of GRB optical afterglows. European Physical Journal Plus, 2020, 135, 1.  | 1.2 | 4         |
| 29 | Combined limit on the photon mass with nine localized fast radio bursts. Research in Astronomy and Astrophysics, 2020, 20, 206.  | 0.7 | 7         |
| 30 | 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        |
| 31 | 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        |
| 32 | Constraining the evolution of the baryon fraction in the IGM with FRB and $\langle i \rangle H \langle i \rangle (\langle i \rangle z \langle i \rangle)$ data. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 039-039. | 1.9 | 21        |
| 33 | “Double-tracking” Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. Astrophysical Journal, 2019, 884, 109.  | 1.6 | 26        |
| 34 | Limits on the Weak Equivalence Principle and Photon Mass with FRB 121102 Subpulses. Astrophysical Journal Letters, 2019, 882, L13.   | 3.0 | 26        |
| 35 | The Time-resolved Spectra of Photospheric Emission from a Structured Jet for Gamma-Ray Bursts. Astrophysical Journal, 2019, 882, 26.   | 1.6 | 31        |
| 36 | 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.   | 1.6 | 17        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Precision test of the weak equivalence principle from gamma-ray burst polarization. <i>Physical Review D</i> , 2019, 99, .  | 1.6 | 7         |
| 38 | Polarization with a Three-dimensional Mixed Magnetic Field and Its Application to GRB 170817A. <i>Astrophysical Journal</i> , 2019, 870, 96.  | 1.6 | 7         |
| 39 | Exoplanets in the Antarctic Sky. I. The First Data Release of AST3-II (CHESPA) and New Found Variables within the Southern CVZ of <i>TESS</i>. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 16. | 3.0 | 8         |
| 40 | Exoplanets in the Antarctic Sky. II. 116 Transiting Exoplanet Candidates Found by AST3-II (CHESPA) within the Southern CVZ of TESS. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 17.            | 3.0 | 13        |
| 41 | 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.             | 2.4 | 18        |
| 42 | Polarization of Astrophysical Events with Precessing Jets. <i>Astrophysical Journal</i> , 2019, 878, 140.   | 1.6 | 4         |
| 43 | Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.  | 2.0 | 50        |
| 44 | Detailed polarization measurements of the prompt emission of five gamma-ray bursts. <i>Nature Astronomy</i> , 2019, 3, 258-264.   | 4.2 | 62        |
| 45 | A Large Catalog of Multiwavelength GRB Afterglows. I. Color Evolution and Its Physical Implication. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 26.  | 3.0 | 20        |
| 46 | Low-energy Spectra of Gamma-Ray Bursts from Cooling Electrons. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 3.  | 3.0 | 49        |
| 47 | Brightening X-Ray/Optical/Radio Emission of GW170817/SGRB 170817A: Evidence for an Electron-Positron Wind from the Central Engine?. <i>Astrophysical Journal Letters</i> , 2018, 856, L33.                      | 3.0 | 29        |
| 48 | Fast radio bursts from primordial black hole binaries coalescence. <i>Physical Review D</i> , 2018, 98, .   | 1.6 | 21        |
| 49 | Robust limits on photon mass from statistical samples of extragalactic radio pulsars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 045-045.  | 1.9 | 18        |
| 50 | Multicolor Blackbody Emission in GRB 081221. <i>Astrophysical Journal</i> , 2018, 866, 13.  | 1.6 | 25        |
| 51 | The Origin of the Prompt Emission for Short GRB 170817A: Photosphere Emission or Synchrotron Emission?. <i>Astrophysical Journal</i> , 2018, 860, 72.   | 1.6 | 41        |
| 52 | Constraining external reverse shock physics of gamma-ray bursts from ROTSE-III limits. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5142-5153.   | 1.6 | 1         |
| 53 | Cosmology with Gravitational Wave/Fast Radio Burst Associations. <i>Astrophysical Journal Letters</i> , 2018, 860, L7.  | 3.0 | 31        |
| 54 | Probing Magnetic Fields of GRB X-Ray Flares with Polarization Observations. <i>Astrophysical Journal</i> , 2018, 862, 115.  | 1.6 | 8         |

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|----|--|-----|-----------|
| 55 | Constraining the Type of Central Engine of GRBs with Swift Data. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 26.  | 3.0 | 43        |
| 56 | Gamma-Ray Burst Optical Afterglows with Two-component Jets: Polarization Evolution Revisited. <i>Astrophysical Journal</i> , 2018, 860, 44.  | 1.6 | 11        |
| 57 | The Allowed Parameter Space of a Long-lived Neutron Star as the Merger Remnant of GW170817. <i>Astrophysical Journal</i> , 2018, 860, 57.  | 1.6 | 84        |
| 58 | A New Test of Lorentz Invariance Violation: The Spectral Lag Transition of GRB 160625B. <i>Astrophysical Journal Letters</i> , 2017, 834, L13.   | 3.0 | 45        |
| 59 | Lorentz factor $\hat{\alpha}$ Beaming corrected energy/luminosity correlations and GRB central engine models. <i>Journal of High Energy Astrophysics</i> , 2017, 13-14, 1-9.                               | 2.4 | 24        |
| 60 | Impact of a Locally Measured $H_0$ on the Interpretation of Cosmic-chronometer Data. <i>Astrophysical Journal</i> , 2017, 835, 270.  | 1.6 | 17        |
| 61 | New limits on the photon mass with radio pulsars in the Magellanic clouds. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 13.   | 0.7 | 19        |
| 62 | Constraining Anisotropic Lorentz Violation via the Spectral-lag Transition of GRB 160625B. <i>Astrophysical Journal</i> , 2017, 842, 115.  | 1.6 | 25        |
| 63 | Strongly lensed gravitational waves and electromagnetic signals as powerful cosmic rulers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2906-2912.                                | 1.6 | 25        |
| 64 | Optical observations of LIGO source GW 170817 by the Antarctic Survey Telescopes at Dome A, Antarctica. <i>Science Bulletin</i> , 2017, 62, 1433-1438.   | 4.3 | 69        |
| 65 | New test of weak equivalence principle using polarized light from astrophysical events. <i>Physical Review D</i> , 2017, 95, .   | 1.6 | 16        |
| 66 | A New Measurement of the Spectral Lag of Gamma-Ray Bursts and its Implications for Spectral Evolution Behaviors. <i>Astrophysical Journal</i> , 2017, 844, 126.  | 1.6 | 30        |
| 67 | Multimessenger tests of the weak equivalence principle from GW170817 and its electromagnetic counterparts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 035-035.                    | 1.9 | 33        |
| 68 | Hyperaccreting Black Hole as Gamma-Ray Burst Central Engine. II. Temporal Evolution of the Central Engine Parameters during the Prompt and Afterglow Phases. <i>Astrophysical Journal</i> , 2017, 849, 47. | 1.6 | 49        |
| 69 | Gamma-ray burst cosmology: Hubble diagram and star formation history. <i>International Journal of Modern Physics D</i> , 2017, 26, 1730002.  | 0.9 | 14        |
| 70 | A Further Test of Lorentz Violation from the Rest-frame Spectral Lags of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2017, 851, 127.  | 1.6 | 24        |
| 71 | Afterglows and Kilonovae Associated with Nearby Low-luminosity Short-duration Gamma-Ray Bursts: Application to GW170817/GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 850, L41.                | 3.0 | 31        |
| 72 | The Observer's Guide to the Gamma-Ray Burst Supernova Connection. <i>Advances in Astronomy</i> , 2017, 2017, 1-41.   | 0.5 | 188       |

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|----|--|-----|-----------|
| 73 | Gamma-ray burst cosmology: Hubble diagram and star formation history. , 2017, , .  |     | 0         |
| 74 | TESTS OF THE EINSTEIN EQUIVALENCE PRINCIPLE USING TeV BLAZARS. Astrophysical Journal Letters, 2016, 818, L2.   | 3.0 | 40        |
| 75 | eXTP: Enhanced X-ray Timing and Polarization mission. Proceedings of SPIE, 2016, , .   | 0.8 | 106       |
| 76 | A TRIPLE-ENERGY-SOURCE MODEL FOR SUPERLUMINOUS SUPERNOVA iPTF13ehe. Astrophysical Journal, 2016, 828, 87.  | 1.6 | 30        |
| 77 | REPEATING FAST RADIO BURSTS FROM HIGHLY MAGNETIZED PULSARS TRAVELING THROUGH ASTEROID BELTS. Astrophysical Journal, 2016, 829, 27.   | 1.6 | 139       |
| 78 | Testing Einstein's Equivalence Principle with multi-band Very Long Baseline Array measurements of AGN core shifts. Journal of High Energy Astrophysics, 2016, 9-10, 39-45.                             | 2.4 | 1         |
| 79 | POLARIZATION EVOLUTION OF EARLY OPTICAL AFTERGLOWS OF GAMMA-RAY BURSTS. Astrophysical Journal, 2016, 816, 73.  | 1.6 | 22        |
| 80 | Constraining the mass of the photon with gamma-ray bursts. Journal of High Energy Astrophysics, 2016, 11-12, 20-28.  | 2.4 | 13        |
| 81 | TESTING MODELS FOR THE SHALLOW DECAY PHASE OF GAMMA-RAY BURST AFTERGLOWS WITH POLARIZATION OBSERVATIONS. Astrophysical Journal, 2016, 826, 128.  | 1.6 | 4         |
| 82 | IMPRINTS OF ELECTRON-POSITRON WINDS ON THE MULTIWAVELENGTH AFTERGLOWS OF GAMMA-RAY BURSTS. Astrophysical Journal, 2016, 825, 107.  | 1.6 | 28        |
| 83 | FAST RADIO BURSTS FROM THE INSPIRAL OF DOUBLE NEUTRON STARS. Astrophysical Journal Letters, 2016, 822, L7.   | 3.0 | 153       |
| 84 | Testing Einstein's weak equivalence principle with gravitational waves. Physical Review D, 2016, 94, .   | 1.6 | 41        |
| 85 | 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. | 1.9 | 30        |
| 86 | The Hubble galaxy Hubble diagram strongly favours $\Lambda$ CDM. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1144-1152.  | 1.6 | 39        |
| 87 | CONSTRAINTS ON THE PHOTON MASS WITH FAST RADIO BURSTS. Astrophysical Journal Letters, 2016, 822, L15.  | 3.0 | 61        |
| 88 | OPTICAL TRANSIENTS POWERED BY MAGNETARS: DYNAMICS, LIGHT CURVES, AND TRANSITION TO THE NEBULAR PHASE. Astrophysical Journal, 2016, 821, 22.  | 1.6 | 30        |
| 89 | SOLVING THE $^{56}\text{Ni}$ PUZZLE OF MAGNETAR-POWERED BROAD-LINED TYPE IC SUPERNOVAE. Astrophysical Journal, 2016, 831, 41.  | 1.6 | 15        |
| 90 | COSMIC EVOLUTION OF LONG GAMMA-RAY BURST LUMINOSITY. Astrophysical Journal, 2016, 820, 66.   | 1.6 | 22        |

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| 91  | Testing Einstein's Equivalence Principle with supercluster Laniakea's gravitational field. <i>Journal of High Energy Astrophysics</i> , 2016, 9-10, 35-38.  | 2.4 | 9         |
| 92  | Long GRBs as a tool to investigate star formation in dark matter halos. <i>Journal of High Energy Astrophysics</i> , 2016, 9-10, 1-8.   | 2.4 | 3         |
| 93  | GRBs and Fundamental Physics. <i>Space Science Reviews</i> , 2016, 202, 195-234.  | 3.7 | 9         |
| 94  | PROBING THE BIRTH OF POST-MERGER MILLISECOND MAGNETARS WITH X-RAY AND GAMMA-RAY EMISSION. <i>Astrophysical Journal</i> , 2016, 823, 15.   | 1.6 | 19        |
| 95  | GRBs and Fundamental Physics. <i>Space Sciences Series of ISSI</i> , 2016, , 197-236.   | 0.0 | 0         |
| 96  | Testing Einstein's Equivalence Principle With Fast Radio Bursts. <i>Physical Review Letters</i> , 2015, 115, 261101.  | 2.9 | 100       |
| 97  | Gamma-Ray Burst in Swift and Fermi Era. <i>Advances in Astronomy</i> , 2015, 2015, 1-1.   | 0.5 | 0         |
| 98  | Utilizing the Updated Gamma-Ray Bursts and Type Ia Supernovae to Constrain the Cardassian Expansion Model and Dark Energy. <i>Advances in Astronomy</i> , 2015, 2015, 1-12.                             | 0.5 | 8         |
| 99  | A CORRELATED STUDY OF OPTICAL AND X-RAY AFTERGLOWS OF GRBs. <i>Astrophysical Journal</i> , 2015, 805, 13.   | 1.6 | 31        |
| 100 | PHOTOMETRY OF VARIABLE STARS FROM THE THU-NAOC TRANSIENT SURVEY. I. THE FIRST TWO YEARS. <i>Astronomical Journal</i> , 2015, 150, 107.  | 1.9 | 10        |
| 101 | COSMIC TRANSIENTS TEST EINSTEIN'S EQUIVALENCE PRINCIPLE OUT TO GeV ENERGIES. <i>Astrophysical Journal</i> , 2015, 810, 121.   | 1.6 | 57        |
| 102 | SUPERLUMINOUS SUPERNOVAE POWERED BY MAGNETARS: LATE-TIME LIGHT CURVES AND HARD EMISSION LEAKAGE. <i>Astrophysical Journal</i> , 2015, 799, 107.   | 1.6 | 77        |
| 103 | A COMPARATIVE ANALYSIS OF THE SUPERNOVA LEGACY SURVEY SAMPLE WITH $\Lambda$ CDM AND THE $\Lambda$ CDM UNIVERSE. <i>Astronomical Journal</i> , 2015, 149, 102.   | 1.9 | 57        |
| 104 | CONSTRAINTS ON THE BULK LORENTZ FACTORS OF GRB X-RAY FLARES. <i>Astrophysical Journal</i> , 2015, 807, 92.  | 1.6 | 26        |
| 105 | GRB 080503 LATE AFTERGLOW RE-BRIGHTENING: SIGNATURE OF A MAGNETAR-POWERED MERGER-NOVA. <i>Astrophysical Journal</i> , 2015, 807, 163.   | 1.6 | 84        |
| 106 | A UNIFIED ENERGY-RESERVOIR MODEL CONTAINING CONTRIBUTIONS FROM ${}^{56}\text{Ni}$ AND NEUTRON STARS AND ITS IMPLICATION FOR LUMINOUS TYPE Ic SUPERNOVAE. <i>Astrophysical Journal</i> , 2015, 807, 147. | 1.6 | 37        |
| 107 | THE AGE-REDSHIFT RELATIONSHIP OF OLD PASSIVE GALAXIES. <i>Astronomical Journal</i> , 2015, 150, 35.   | 1.9 | 14        |
| 108 | TESTING COSMOLOGICAL MODELS WITH TYPE Ic SUPER LUMINOUS SUPERNOVAE. <i>Astronomical Journal</i> , 2015, 149, 165.   | 1.9 | 19        |

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|-----|---|-----|-----------|
| 109 | SIGNATURE OF A SPIN-UP MAGNETAR FROM MULTI-BAND AFTERGLOW REBRIGHTENING OF GRB 100814A. <i>Astrophysical Journal</i> , 2015, 805, 88.   | 1.6 | 7         |
| 110 | Radio afterglows and host galaxies of gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1815-1823.  | 1.6 | 10        |
| 111 | A COMPARISON OF COSMOLOGICAL MODELS USING STRONG GRAVITATIONAL LENSING GALAXIES. <i>Astronomical Journal</i> , 2015, 149, 2.  | 1.9 | 27        |
| 112 | Cosmological tests using the angular size of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 479-485.  | 1.6 | 22        |
| 113 | High energy emission from gamma-ray bursts. <i>Scientia Sinica: Physica, Mechanica Et Astronomica</i> , 2015, 45, 119505-119505.  | 0.2 | 0         |
| 114 | A DOUBLE NEUTRON STAR MERGER ORIGIN FOR THE COSMOLOGICAL RELATIVISTIC FADING SOURCE PTF11agg?. <i>Astrophysical Journal Letters</i> , 2014, 781, L10.                                 | 3.0 | 18        |
| 115 | The high energy cosmic-radiation detection (HERD) facility onboard China's Space Station. <i>Proceedings of SPIE</i> , 2014, , .  | 0.8 | 41        |
| 116 | Fall back accretion and energy injections in gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 446, 3642-3650.                                       | 1.6 | 21        |
| 117 | DISTRIBUTIONS OF GAMMA-RAY BURSTS AND BLAZARS IN THE $L$ - $E$ -PLANE AND POSSIBLE IMPLICATIONS FOR THEIR RADIATION PHYSICS. <i>Astrophysical Journal</i> , 2014, 793, 36.            | 1.6 | 19        |
| 118 | A COMPARISON OF COSMOLOGICAL MODELS USING TIME DELAY LENSES. <i>Astrophysical Journal</i> , 2014, 788, 190.   | 1.6 | 27        |
| 119 | THE ORIGIN OF THE PLATEAU AND LATE REBRIGHTENING IN THE AFTERGLOW OF GRB 120326A. <i>Astrophysical Journal</i> , 2014, 785, 113.  | 1.6 | 17        |
| 120 | REVISITING THE EMISSION FROM RELATIVISTIC BLAST WAVES IN A DENSITY-JUMP MEDIUM. <i>Astrophysical Journal</i> , 2014, 792, 31.   | 1.6 | 21        |
| 121 | THE OPTICAL LUMINOSITY FUNCTION OF GAMMA-RAY BURSTS DEDUCED FROM ROTSE-III OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 795, 103.   | 1.6 | 3         |
| 122 | Variability of the giant X-ray bump in GRB 121027A and its possible origin. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2375-2379.                          | 1.6 | 18        |
| 123 | Cosmological tests using gamma-ray bursts, the star formation rate and possible abundance evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3329-3341. | 1.6 | 54        |
| 124 | TIME EVOLUTION OF FLARES IN GRB 130925A: JET PRECESSION IN A BLACK HOLE ACCRETION SYSTEM. <i>Astrophysical Journal Letters</i> , 2014, 781, L19.                                      | 3.0 | 28        |
| 125 | A complete reference of the analytical synchrotron external shock models of gamma-ray bursts. <i>New Astronomy Reviews</i> , 2013, 57, 141-190.                                       | 5.2 | 175       |
| 126 | EARLY AFTERGLOWS OF GAMMA-RAY BURSTS IN A STRATIFIED MEDIUM WITH A POWER-LAW DENSITY DISTRIBUTION. <i>Astrophysical Journal</i> , 2013, 776, 120.                                     | 1.6 | 57        |



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|-----|---|-----|-----------|
| 127 | THE GAMMA-RAY BURST HUBBLE DIAGRAM AND ITS IMPLICATIONS FOR COSMOLOGY. <i>Astrophysical Journal</i> , 2013, 772, 43.  | 1.6 | 70        |
| 128 | Compton scattering of self-absorbed synchrotron emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2520-2531.                              | 1.6 | 29        |
| 129 | A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. II. AFTERGLOW ONSET AND LATE RE-BRIGHTENING COMPONENTS. <i>Astrophysical Journal</i> , 2013, 774, 13.        | 1.6 | 90        |
| 130 | DELAYED ENERGY INJECTION MODEL FOR GAMMA-RAY BURST AFTERGLOWS. <i>Astrophysical Journal</i> , 2013, 779, 28.  | 1.6 | 24        |
| 131 | IS THE LATE NEAR-INFRARED BUMP IN SHORT-HARD GRB 130603B DUE TO THE LI-PACZYNSKI KILONOVA?. <i>Astrophysical Journal Letters</i> , 2013, 775, L19.                      | 3.0 | 17        |
| 132 | INTERPRETATION OF THE UNPRECEDENTEDLY LONG-LIVED HIGH-ENERGY EMISSION OF GRB 130427A. <i>Astrophysical Journal Letters</i> , 2013, 773, L20.                            | 3.0 | 55        |
| 133 | GIANT X-RAY BUMP IN GRB 121027A: EVIDENCE FOR FALL-BACK DISK ACCRETION. <i>Astrophysical Journal Letters</i> , 2013, 767, L36.  | 3.0 | 67        |
| 134 | BRIGHT BROADBAND AFTERGLOWS OF GRAVITATIONAL WAVE BURSTS FROM MERGERS OF BINARY NEUTRON STARS. <i>Astrophysical Journal</i> , 2013, 771, 86.                            | 1.6 | 99        |
| 135 | A SUPRAMASSIVE MAGNETAR CENTRAL ENGINE FOR GRB 130603B. <i>Astrophysical Journal Letters</i> , 2013, 779, L25.  | 3.0 | 82        |
| 136 | Signature of gravitational wave radiation in afterglows of short gamma-ray bursts?. <i>Physical Review D</i> , 2013, 88, .  | 1.6 | 73        |
| 137 | Possible high-energy neutrino and photon signals from gravitational wave bursts due to double neutron star mergers. <i>Physical Review D</i> , 2013, 88, .              | 1.6 | 19        |
| 138 | Physical origin of multi-wavelength emission of GRB 100418A and implications for its progenitor. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 411-418.     | 0.7 | 2         |
| 139 | MODELING PHOTODISINTEGRATION-INDUCED TeV PHOTON EMISSION FROM LOW-LUMINOSITY GAMMA-RAY BURSTS. <i>Astronomical Journal</i> , 2012, 143, 115.                            | 1.9 | 1         |
| 140 | PANCHROMATIC OBSERVATIONS OF THE TEXTBOOK GRB 110205A: CONSTRAINING PHYSICAL MECHANISMS OF PROMPT EMISSION AND AFTERGLOW. <i>Astrophysical Journal</i> , 2012, 751, 90. | 1.6 | 41        |
| 141 | GRB 110721A: PHOTOSPHERE "DEATH LINE" AND THE PHYSICAL ORIGIN OF THE GRB BAND FUNCTION. <i>Astrophysical Journal Letters</i> , 2012, 758, L34.                          | 3.0 | 37        |
| 142 | Is There a Relation between Duration and $E_{\text{iso}}$ in Gamma-Ray Bursts?. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 223-224.          | 0.0 | 2         |
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