

# Liang Li

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

653  
citations

567281

15  
h-index

713466

21  
g-index

22  
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22  
docs citations

22  
times ranked

715  
citing authors

#	ARTICLE	IF	CITATIONS
1	HOW BAD OR GOOD ARE THE EXTERNAL FORWARD SHOCK AFTERGLOW MODELS OF GAMMA-RAY BURSTS?. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 9.	7.7	115
2	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. I. FLARES AND EARLY SHALLOW-DECAY COMPONENT. <i>Astrophysical Journal</i> , 2012, 758, 27.	4.5	99
3	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. II. AFTERGLOW ONSET AND LATE RE-BRIGHTENING COMPONENTS. <i>Astrophysical Journal</i> , 2013, 774, 13.	4.5	90
4	Constraining the Type of Central Engine of GRBs with Swift Data. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 26.	7.7	43
5	Multipulse Fermi Gamma-Ray Bursts. I. Evidence of the Transition from Fireball to Poynting-flux-dominated Outflow. <i>Astrophysical Journal, Supplement Series</i> , 2019, 242, 16.	7.7	37
6	A CORRELATED STUDY OF OPTICAL AND X-RAY AFTERGLOWS OF GRBs. <i>Astrophysical Journal</i> , 2015, 805, 13.	4.5	31
7	Thermal Components in Gamma-Ray Bursts. I. How Do They Affect Nonthermal Spectral Parameters?. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 7.	7.7	27
8	“Double-tracking” Characteristics of the Spectral Evolution of GRB 131231A: Synchrotron Origin?. <i>Astrophysical Journal</i> , 2019, 884, 109.	4.5	26
9	Thermal Components in Gamma-Ray Bursts. II. Constraining the Hybrid Jet Model. <i>Astrophysical Journal</i> , 2020, 894, 100.	4.5	22
10	Bayesian Time-resolved Spectroscopy of Multipulse GRBs: Variations of Emission Properties among Pulses. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 35.	7.7	22
11	REVISITING THE EMISSION FROM RELATIVISTIC BLAST WAVES IN A DENSITY-JUMP MEDIUM. <i>Astrophysical Journal</i> , 2014, 792, 31.	4.5	21
12	A Large Catalog of Multiwavelength GRB Afterglows. I. Color Evolution and Its Physical Implication. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 26.	7.7	20
13	A COMPREHENSIVE STUDY OF GAMMA-RAY BURST OPTICAL EMISSION. III. BRIGHTNESS DISTRIBUTIONS AND LUMINOSITY FUNCTIONS OF OPTICAL AFTERGLOWS. <i>Astrophysical Journal</i> , 2013, 774, 132.	4.5	17
14	On the $I \propto t^{-1}$ intensity correlation in gamma-ray bursts: subphotospheric heating with varying entropy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 1912-1925.	4.4	17
15	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.	7.7	15
16	Nature of the ultrarelativistic prompt emission phase of GRB 190114C. <i>Physical Review D</i> , 2021, 104, .	4.7	13
17	Prevalence of Extra Power-Law Spectral Components in Short Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2021, 922, 255.	4.5	12
18	Is the birth of PSR J0538+2817 accompanied by a gamma-ray burst?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4916-4922.	4.4	10

#	ARTICLE	IF	CITATIONS
19	Dissecting the Energy Budget of a Gamma-Ray Burst Fireball. <i>Astrophysical Journal Letters</i> , 2021, 909, L3.	8.3	9
20	The white dwarf binary merger model of GRB 170817A. <i>International Journal of Modern Physics D</i> , 2022, 31, .	2.1	4
21	Is magnetically dominated outflow required to explain GRBs?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4846-4851.	4.4	3
22	Optical Afterglows as Probes for the Central Engine and Fireball of Gamma-Ray Bursts. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 263-264.	0.0	0