

Bing Li

List of Publications by Year in descending order

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36
papers

1,031
citations

471509

17
h-index

434195

31
g-index

37
all docs

37
docs citations

37
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview to the Hard X-ray Modulation Telescope (Insight-HXMT) Satellite. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	178
2	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.	10.1	152
3	INSIGHT-HXMT Observations of the New Black Hole Candidate MAXI J1535âˆ”571: Timing Analysis. <i>Astrophysical Journal</i> , 2018, 866, 122.	4.5	73
4	Discovery of oscillations above 200â€‰keV in a black hole X-ray binary with Insight-HXMT. <i>Nature Astronomy</i> , 2021, 5, 94-102.	10.1	71
5	Insight-HXMT observations of jet-like corona in a black hole X-ray binary MAXI J1820+070. <i>Nature Communications</i> , 2021, 12, 1025.	12.8	48
6	Repeating fast radio bursts from collapses of the crust of a strange star. <i>Innovation(China)</i> , 2021, 2, 100152.	9.1	41
7	Intensity distribution function and statistical properties of fast radio bursts. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 6.	1.7	30
8	Brightening X-Ray/Optical/Radio Emission of GW170817/SGRB 170817A: Evidence for an Electronâ€”Positron Wind from the Central Engine?. <i>Astrophysical Journal Letters</i> , 2018, 856, L33.	8.3	29
9	In-orbit Demonstration of X-Ray Pulsar Navigation with the <i>Insight</i>-<i>HXMT</i> <i>Satellite</i>. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 1.	7.7	28
10	The Evolution of the Broadband Temporal Features Observed in the Black-hole Transient MAXI J1820+070 with Insight-HXMT. <i>Astrophysical Journal</i> , 2020, 896, 33.	4.5	27
11	Insight-HXMT Observations of 4U 1636-536: Corona Cooling Revealed with Single Short Type-I X-Ray Burst. <i>Astrophysical Journal Letters</i> , 2018, 864, L30.	8.3	26
12	Introduction to a calibration facility for hard X-ray detectors. <i>Experimental Astronomy</i> , 2014, 38, 433-441.	3.7	25
13	First beam tests of prototype silicon modules for the CMS High Granularity Endcap Calorimeter. <i>Journal of Instrumentation</i> , 2018, 13, P10023-P10023.	1.2	20
14	A search for prompt<i>Î³</i>-ray counterparts to fast radio bursts in the Insight-HXMT data. <i>Astronomy and Astrophysics</i> , 2020, 637, A69.	5.1	20
15	FRB 200428: An Impact between an Asteroid and a Magnetar. <i>Astrophysical Journal Letters</i> , 2020, 898, L55.	8.3	20
16	A model of fast radio bursts: collisions between episodic magnetic blobs. <i>Research in Astronomy and Astrophysics</i> , 2018, 18, 061.	1.7	18
17	Physical origin of the non-physical spin evolution of MAXI J1820Â+Â070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2168-2180.	4.4	18
18	Broad-lined type Ic supernova iPTF16asu: A challenge to all popular models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1110-1119.	4.4	17

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19	Deadtime calculation method of the High Energy X-ray telescope (HE) onboard the Insight-HXMT satellite. <i>Journal of High Energy Astrophysics</i> , 2020, 26, 58-64.	6.7	17
20	Broadband Variability Study of Maxi J1631-479 in Its Hard-intermediate State Observed with Insight-HXMT. <i>Astrophysical Journal</i> , 2021, 919, 92.	4.5	16
21	Two Complete Spectral Transitions of Swift J0243.6+6124 Observed by Insight-HXMT. <i>Astrophysical Journal</i> , 2020, 902, 18.	4.5	15
22	Quasi-periodic Oscillations of the X-Ray Burst from the Magnetar SGR J1935â€“2154 and Associated with the Fast Radio Burst FRB 200428. <i>Astrophysical Journal</i> , 2022, 931, 56.	4.5	15
23	Constant cyclotron line energy in Hercules Xâ€“1 - Joint Insight-HXMT and NuSTAR observations. <i>Journal of High Energy Astrophysics</i> , 2019, 23, 29-32.	6.7	13
24	A Fallback Accretion Model for the Unusual Type II-P Supernova iPTF14hls. <i>Astrophysical Journal</i> , 2018, 865, 95.	4.5	12
25	Peculiar Disk Behaviors of the Black Hole Candidate MAXI J1348â€“630 in the Hard State Observed by Insight-HXMT and Swift. <i>Astrophysical Journal</i> , 2022, 927, 210.	4.5	12
26	Insight-HXMT Observations of a Possible Fast Transition from the Jet- to Wind-dominated State during a Huge Flare of GRS 1915+105. <i>Astrophysical Journal Letters</i> , 2021, 906, L2.	8.3	11
27	A Variable Ionized Disk Wind in the Black Hole Candidate EXO 1846â€“031. <i>Astrophysical Journal</i> , 2021, 906, 11.	4.5	11
28	Continued Brightening of the Afterglow of GW170817/GRB 170817A as Being Due to a Delayed Energy Injection. <i>Astrophysical Journal Letters</i> , 2018, 859, L3.	8.3	10
29	In-orbit Timing Calibration of the Insight-Hard X-Ray Modulation Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 14.	7.7	10
30	Search for gamma-ray bursts and gravitational wave electromagnetic counterparts with High Energy X-ray Telescope of <i>Insight</i>-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3910-3920.	4.4	9
31	The First Insight-HXMT Gamma-Ray Burst Catalog: The First Four Years. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 46.	7.7	9
32	Late-time Afterglow from Double-sided Structured Jets: Application to GRB 170817A. <i>Astrophysical Journal</i> , 2019, 880, 39.	4.5	8
33	The 2018 failed outburst of H 1743 â€“ 322: <i>Insight-HXMT</i>, NuSTAR</i>, and <i>NICER</i> views. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4541-4555.	4.4	8
34	Periodic Repeating Fast Radio Bursts: Interaction between a Magnetized Neutron Star and Its Planet in an Eccentric Orbit. <i>Astrophysical Journal</i> , 2022, 928, 94.	4.5	5
35	iPTF14hls in the Circumstellar Medium Interaction Model: A Promising Candidate for a Pulsational Pair-instability Supernova. <i>Astrophysical Journal</i> , 2022, 933, 102.	4.5	4
36	GRB 190530A: From Precursor, Prompt Emission to Afterglow all Originated from Synchrotron Radiation. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 065002.	1.7	3