

Qing-Cui Bu

List of Publications by Year in descending order

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37
papers

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citations

623734

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38
all docs

38
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38
times ranked

848
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	Super-Eddington Accretion onto the Galactic Ultraluminous X-Ray Pulsar Swift J0243.6+6124. <i>Astrophysical Journal</i> , 2019, 873, 19.	4.5	37
7	A systematic analysis of the phase lags associated with the type-C quasi-periodic oscillation in GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1375-1386.	4.4	30
8	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
9	CORRELATIONS IN HORIZONTAL BRANCH OSCILLATIONS AND BREAK COMPONENTS IN XTE J1701-462 AND GX 17+2. <i>Astrophysical Journal</i> , 2015, 799, 2.	4.5	25
10	A search for prompt γ -ray counterparts to fast radio bursts in the Insight-HXMT data. <i>Astronomy and Astrophysics</i> , 2020, 637, A69.	5.1	20
11	Physical origin of the non-physical spin evolution of MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2168-2180.	4.4	18
12	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
13	Two Complete Spectral Transitions of Swift J0243.6+6124 Observed by Insight-HXMT. <i>Astrophysical Journal</i> , 2020, 902, 18.	4.5	15
14	Insight-HXMT Firm Detection of the Highest-energy Fundamental Cyclotron Resonance Scattering Feature in the Spectrum of GRO J1008-57. <i>Astrophysical Journal Letters</i> , 2020, 899, L19.	8.3	15
15	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
16	The Spin of the Black Hole GRS 1716-249 Determined from the Hard Intermediate State. <i>Astrophysical Journal</i> , 2019, 887, 184.	4.5	14
17	A global study of type B quasi-periodic oscillation in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 564-573.	4.4	13
18	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

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19	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
20	A Variable Ionized Disk Wind in the Black Hole Candidate EXO 1846â€“031. <i>Astrophysical Journal</i> , 2021, 906, 11.	4.5	11
21	Insight-HXMT observations of Swift J0243.6+6124: the evolution of RMS pulse fractions at super-Eddington luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5498-5506.	4.4	10
22	Confirming the spin parameter of the black hole in Cygnus X-1 using the Insight-HXMT. <i>Journal of High Energy Astrophysics</i> , 2020, 27, 53-63.	6.7	10
23	The Accretion Flow Geometry of MAXI J1820+070 through Broadband Noise Research with Insight Hard X-ray Modulation Telescope. <i>Astrophysical Journal</i> , 2022, 932, 7.	4.5	10
24	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
25	THE<i>NUSTAR</i>VIEW OF A QPO EVOLUTION OF GRS 1915+105. <i>Astronomical Journal</i> , 2015, 149, 82.	4.7	8
26	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
27	THE 2013â€“2014 OUTBURST OF XTE J1908+094 OBSERVED WITH<i>SWIFT</i> AND <i>NUSTAR</i>: SPECTRAL EVOLUTION AND BLACK HOLE SPIN CONSTRAINT. <i>Astrophysical Journal</i> , 2015, 813, 90.	4.5	7
28	Insight-HXMT study of the timing properties of Sco X-1. <i>Journal of High Energy Astrophysics</i> , 2020, 25, 1-9.	6.7	6
29	The peculiar spectral evolution of the new X-ray transient MAXIâˆ“0637â€“430. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5238-5265.	4.4	6
30	THE CROSS SPECTRAL TIME LAG EVOLUTION ALONG BRANCHES IN XTE J1701-462. <i>Astrophysical Journal</i> , 2013, 767, 167.	4.5	5
31	Low Frequency Quasi-periodic Oscillations in the High-eccentric LMXB Cir X-1: Extending the WK Correlation for Z Sources. <i>Astrophysical Journal</i> , 2017, 841, 122.	4.5	4
32	X-ray reprocessing in accreting pulsar GX 301-2 observed with Insight-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2522-2530.	4.4	4
33	QPOs and Orbital elements of X-ray binary 4U 0115+63 during the 2017 outburst observed by <i>Insight</i>-HXMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	3
34	THE ACCRETION RATE INDEPENDENCE OF HORIZONTAL BRANCH OSCILLATION IN XTE J1701-462. <i>Astrophysical Journal</i> , 2014, 786, 119.	4.5	2
35	Long-term variability of Swiftâˆ“1753.5âˆ“0127: X-ray spectralâ€“temporal correlations during state transitions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1439-1446.	4.4	2
36	New Insight into the Rapid Burster by Insight-HXMT. <i>Astrophysical Journal</i> , 2021, 913, 150.	4.5	1

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37	Study on the Energy Limits of kHz QPOs in Sco X-1 with RXTE and Insight-HXMT Observations. <i>Astrophysical Journal</i> , 2021, 913, 119.	4.5	1