Cheng-Kui Li

List of Publications by Year
in descending order

48 papers	1,245 citations	567281 15 h-index	377865 34 g-index
49 all docs	49 docs citations	49 times ranked	1502 citing authors

#	Article	IF	Citations
1	The First Insight-HXMT Gamma-Ray Burst Catalog: The First Four Years. Astrophysical Journal, Supplement Series, 2022, 259, 46.	7.7	9
2	The 2018 failed outburst of H 1743 â€“ 322: Insight-HXMT, NuSTAR, and NICER views. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4541-4555.	4.4	8
3	Peculiar Disk Behaviors of the Black Hole Candidate MAXI J1348â€“630 in the Hard State Observed by Insight-HXMT and Swift. Astrophysical Journal, 2022, 927, 210.	4.5	12
4	GRB 190530A: From Precursor, Prompt Emission to Afterglow all Originated from Synchrotron Radiation. Research in Astronomy and Astrophysics, 2022, 22, 065002.	1.7	3
5	Energetic transients joint analysis system for multi-INstrument (ETJASMIN) for GECAM â€“ I. Positional, temporal, and spectral analyses. Monthly Notices of the Royal Astronomical Society, 2022, 514, 2397-2406.	4.4	11
6	Quasi-periodic Oscillations of the X-Ray Burst from the Magnetar SGR J1935â€“2154 and Associated with the Fast Radio Burst FRB 200428. Astrophysical Journal, 2022, 931, 56.	4.5	15
7	An Insight-HXMT Dedicated 33 day Observation of SGR J1935+2154. I. Burst Catalog. Astrophysical Journal, Supplement Series, 2022, 260, 24.	7.7	13
8	An Insight-HXMT Dedicated 33 day Observation of SGR J1935+2154. II. Burst Spectral Catalog. Astrophysical Journal, Supplement Series, 2022, 260, 25.	7.7	7
9	The Diffuse X-Ray Background of the Insight-HXMT/LE Telescope in the Galactic Plane. Astrophysical Journal, Supplement Series, 2022, 260, 42.	7.7	1
10	Discovery of oscillations above 200â€‰keV in a black hole X-ray binary with Insight-HXMT. Nature Astronomy, 2021, 5, 94-102.	10.1	71
11	Insight-HXMT Observations of a Possible Fast Transition from the Jet- to Wind-dominated State during a Huge Flare of GRS 1915+105. Astrophysical Journal Letters, 2021, 906, L2.	8.3	11
12	Insight-HXMT observations of jet-like corona in a black hole X-ray binary MAXI J1820+070. Nature Communications, 2021, 12, 1025.	12.8	48
13	HXMT identification of a non-thermal X-ray burst from SGR J1935+2154 and with FRB 200428. Nature Astronomy, 2021, 5, 378-384.	10.1	152
14	Physical origin of the non-physical spin evolution of MAXI J1820Â+Â070. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2168-2180.	4.4	18
15	Catalog of One-side Headâ€“Tail Galaxies in the FIRST Survey. Astrophysical Journal, Supplement Series, 2021, 254, 30.	7.7	1
16	New Insight into the Rapid Burster by Insight-HXMT. Astrophysical Journal, 2021, 913, 150.	4.5	1
17	Non-thermal Electron Energization During the Impulsive Phase of an X9.3 Flare Revealed by Insight-HXMT. Astrophysical Journal, 2021, 918, 42.	4.5	4
18	Broadband Variability Study of Maxi J1631-479 in Its Hard-intermediate State Observed with Insight-HXMT. Astrophysical Journal, 2021, 919, 92.	4.5	16

#	Article	IF	Citations
19	Search for gamma-ray bursts and gravitational wave electromagnetic counterparts with High Energy X-ray Telescope of Insight-HXMT. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3910-3920.	4.4	9
20	GRB 200716C: Evidence for a Short Burst Being Lensed. Astrophysical Journal Letters, 2021, 918, L34.	8.3	16
21	X-ray reprocessing in accreting pulsar GX 301-2 observed with Insight-HXMT. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2522-2530.	4.4	4
22	A Variable Ionized Disk Wind in the Black Hole Candidate EXO 1846â€“031. Astrophysical Journal, 2021, 906, 11.	4.5	11
23	Enhanced Localization of Transients Based on a Novel Cross-correlation Method. Astrophysical Journal, 2021, 920, 43.	4.5	16
24	GRB 210121A: A Typical Fireball Burst Detected by Two Small Missions. Astrophysical Journal, 2021, 922, 237.	4.5	20
25	Calibration of the instrumental response of Insight-HXMT/HE CsI detectors for gamma-ray monitoring. Journal of High Energy Astrophysics, 2020, 27, 1-13.	6.7	13
26	In-flight calibration of the Insight-Hard X-ray Modulation Telescope. Journal of High Energy Astrophysics, 2020, 27, 64-76.	6.7	59
27	Insight-HXMT observations of Swift J0243.6+6124: the evolution of RMS pulse fractions at super-Eddington luminosity. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5498-5506.	4.4	10
28	No pulsed radio emission during a bursting phase of a Galactic magnetar. Nature, 2020, 587, 63-65.	27.8	101
29	A modified direct demodulation method applied to Insight-HXMT Galactic plane scanning survey. Journal of High Energy Astrophysics, 2020, 26, 11-20.	6.7	4
30	Methodology and performance of the two-year galactic plane scanning survey of Insight-HXMT. Journal of High Energy Astrophysics, 2020, 26, 1-10.	6.7	9
31	Overview to the Hard X-ray Modulation Telescope (Insight-HXMT) Satellite. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	178
32	In-orbit calibration to the point-spread function of Insight-HXMT. Journal of High Energy Astrophysics, 2020, 25, 39-47.	6.7	13
33	Switches between accretion structures during flares in 4U 1901+03. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5680-5692.	4.4	8
34	A search for promptÎ³-ray counterparts to fast radio bursts in the Insight-HXMT data. Astronomy and Astrophysics, 2020, 637, A69.	5.1	20
35	The Evolution of the Broadband Temporal Features Observed in the Black-hole Transient MAXI J1820+070 with Insight-HXMT. Astrophysical Journal, 2020, 896, 33.	4.5	27
36	GRB 200415A: A Short Gamma-Ray Burst from a Magnetar Giant Flare?. Astrophysical Journal, 2020, 899, 106.	4.5	35

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37	The Y_{SZ,Planck} â€“ Y_{SZ,XMM} scaling relation and its difference between cool-core and non-cool-core clusters. Research in Astronomy and Astrophysics, 2019, 19, 104.	1.7	0
38	Constraining the mass and radius of neutron stars in globular clusters. Monthly Notices of the Royal Astronomical Society, 2018, 476, 421-435.	4.4	111
39	Insight-HXMT observations of the first binary neutron star merger GW170817. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	52
40	INSIGHT-HXMT Observations of the New Black Hole Candidate MAXI J1535â^'571: Timing Analysis. Astrophysical Journal, 2018, 866, 122.	4.5	73
41	UNBIASED CORRECTION RELATIONS FOR GALAXY CLUSTER PROPERTIES DERIVED FROMCHANDRAANDXMM-NEWTON. Astrophysical Journal, 2015, 799, 47.	4.5	4
42	Measurements of charge transfer efficiency in a proton-irradiated swept charge device. Chinese Physics C, 2014, 38, 066001.	3.7	4
43	Proton irradiation effect on SCDs. Chinese Physics C, 2014, 38, 086004.	3.7	2
44	A GOOD MASS PROXY FOR GALAXY CLUSTERS WITHXMM-NEWTON. Astrophysical Journal, 2013, 778, 124.	4.5	12
45	A gain control and stabilization technique for Silicon Photomultipliers in low-light-level applications around room temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 222-225.	1.6	14
46	Deprojected analysis of Abell 1835 observed withChandraand compared withXMM-Newton. Astronomy and Astrophysics, 2012, 545, A100.	5.1	5
47	Timing analysis of 2S 1417-624 observed with NICER and Insight-HXMT. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	9
48	QPOs and Orbital elements of X-ray binary 4U 0115+63 during the 2017 outburst observed by Insight-HXMT. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	3