

Congzhan Liu

List of Publications by Year in descending order

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papers

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840776

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18
all docs

18
docs citations

18
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	In-orbit Timing Calibration of the Insight-Hard X-Ray Modulation Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 14.	7.7	10
2	The removal method and generation mechanism of spikes in Insight-HXMT/HE telescope. <i>Experimental Astronomy</i> , 2022, 53, 1037-1051.	3.7	3
3	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
4	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
5	In-flight calibration of the Insight-Hard X-ray Modulation Telescope. <i>Journal of High Energy Astrophysics</i> , 2020, 27, 64-76.	6.7	59
6	Design and calibration of the high energy particle monitor onboard the Insight-HXMT. <i>Journal of High Energy Astrophysics</i> , 2020, 26, 77-82.	6.7	9
7	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
8	The High Energy X-ray telescope (HE) onboard the Insight-HXMT astronomy satellite. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	110
9	GRID: a student project to monitor the transient gamma-ray sky in the multi-messenger astronomy era. <i>Experimental Astronomy</i> , 2019, 48, 77-95.	3.7	38
10	Ground-based calibration and characterization of the HE detectors for Insight-HXMT. <i>Journal of High Energy Astrophysics</i> , 2019, 24, 6-14.	6.7	16
11	Insight-HXMT observations of the first binary neutron star merger GW170817. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	5.1	52
12	The insight-HXMT mission and its recent progresses. , 2018, , .		22
13	A novel analog power supply for gain control of the Multi-Pixel Photon Counter (MPPC). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 850, 35-41.	1.6	9
14	Introduction to the detection technology of Ali CMB polarization telescope. <i>Radiation Detection Technology and Methods</i> , 2017, 1, 1.	0.8	9
15	Study on temperature coefficient of CdTe detector used for x-rays detection. <i>Nuclear Technology and Radiation Protection</i> , 2017, 32, 256-260.	0.8	0
16	Characterization of radiation damage caused by 23MeV protons in Multi-Pixel Photon Counter (MPPC). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 822, 63-70.	1.6	11
17	Introduction to a calibration facility for hard X-ray detectors. <i>Experimental Astronomy</i> , 2014, 38, 433-441.	3.7	25
18	A gain control and stabilization technique for Silicon Photomultipliers in low-light-level applications around room temperature. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 695, 222-225.	1.6	14