

Jinfan Chang

List of Publications by Year in descending order

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papers

826
citations

840776

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all docs

19
docs citations

19
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Lorentz Invariance Violation from Ultrahigh-Energy γ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
2	Observation of the Crab Nebula with LHAASO-KM2A γ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
3	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
4	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 γ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
5	Measurement of the Cosmic Ray Helium Energy Spectrum from 70 GeV to 80 TeV with the DAMPE Space Mission. Physical Review Letters, 2021, 126, 201102.	7.8	66
6	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR J0622+3749 Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
7	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
8	Petaelectron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
9	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
10	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
11	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
12	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
13	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
14	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.8	1
15	Measurement of the cosmic ray proton spectrum from 40 GeV to 100 TeV with the DAMPE satellite. Science Advances, 2019, 5, eaax3793.	10.3	121
16	The Flash ADC system and PMT waveform reconstruction for the Daya Bay experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 895, 48-55.	1.6	13
17	Performance of a scintillation detector array operated with LHAASO-KM2A electronics. Experimental Astronomy, 2018, 45, 363-377.	3.7	11
18	Development of an integrated four-channel fast avalanche-photodiode detector system with nanosecond time resolution. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 870, 43-49.	1.6	9

#	ARTICLE	IF	CITATIONS
19	An ASIC design for LHAASO. Science China: Physics, Mechanics and Astronomy, 2011, 54, 1911-1914.	5.1	1