

# Jinfan Chang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8773916/publications.pdf>

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19  
papers

826  
citations

840776

11  
h-index

940533

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g-index

19  
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docs citations

19  
times ranked

694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\hat{\text{I}}^3$ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
2	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
3	Peta-electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
4	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR $J_{0622+3749}$ Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
5	Observation of the Crab Nebula with LHAASO-KM2A a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
6	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
7	Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.	4.7	39
8	Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\hat{\text{I}}^3$ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
9	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
10	The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.	3.9	15
11	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
12	Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
13	Performance of a scintillation detector array operated with LHAASO-KM2A electronics. Experimental Astronomy, 2018, 45, 363-377.	3.7	11
14	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	3.9	11
15	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
16	An ASIC design for LHAASO. Science China: Physics, Mechanics and Astronomy, 2011, 54, 1911-1914.	5.1	1
17	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
18	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

#	ARTICLE	IF	CITATIONS
19	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0