

# Liqiao Yin

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

544  
citations

1307594

7  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

488  
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	Peta- $\hat{\text{I}}^3$ electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
3	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \rangle \text{J} \langle \text{mml:mn} \rangle 0622 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3749 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.}$	7.8	73
4	Observation of the Crab Nebula with LHAASO-KM2A $\hat{\text{I}}^3$ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
5	Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{\text{I}}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
6	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
7	Performance of SiPMs and pre-amplifier for the wide field of view Cherenkov telescope array of LHAASO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 899, 94-100.	1.6	10
8	Design and performance of analog circuit for the wide field of view Cherenkov telescope array of LHAASO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 925, 156-163.	1.6	6
9	Geometrical reconstruction of fluorescence events observed by the LHAASO experiment *. Chinese Physics C, 2021, 45, 045101.	3.7	1
10	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
11	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
12	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0