

# Shoushan Zhang

## List of Publications by Year in descending order

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papers

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1163117

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1199594

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docs citations

17  
times ranked

516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\gamma$ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
2	Observation of the Crab Nebula with LHAASO-KM2A $\gamma$ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
3	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\gamma$ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
4	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR J0622+3749 Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
5	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
6	Petaelectron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
7	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
8	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
9	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
10	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
11	The performance of LED calibration system for Cherenkov telescope of LHAASO. , 2019, , .		1
12	Properties and Performance of SiPM based Cherenkov Telescope for LHAASO. , 2019, , .		2
13	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
14	Photomultiplier tube selection for the Wide Field of view Cherenkov/fluorescence Telescope Array of the Large High Altitude Air Shower Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 819, 175-181.	1.6	8
15	An optical design of the telescope in the Wide Field of View Cherenkov/Fluorescence Telescope Array. Astroparticle Physics, 2015, 67, 8-17.	4.3	6
16	Properties and performance of two wide field of view Cherenkov/fluorescence telescope array prototypes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 629, 57-65.	1.6	35
17	Simulation of the cosmic ray tau neutrino telescope (CRTNT) experiment. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 075201.	3.6	5