Shoushan Zhang

List of Publications by Year
in descending order

17	600	1163117 8	1199594 12
papers	citations	h-index	g-index

17	17	17	516
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
2	Petaâ€“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 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn></mml:mrow></mm Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
4	Observation of the Crab Nebula with LHAASO-KM2A â˜† a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
5	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
6	Exploring Lorentz Invariance Violation from Ultrahigh-Energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
7	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
8	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
9	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
10	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
11	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
12	Simulation of the cosmic ray tau neutrino telescope (CRTNT) experiment. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 075201.	3.6	5
13	Properties and Performance of SiPM based Cherenkov Telescope for LHAASO. , 2019, , .		2
14	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
15	The performance of LED calibration system for Cherenkov telescope of LHAASO. , 2019, , .		1
16	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
17	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0