

Yiwei Bao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

857
citations

840776

11
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

656
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	Measurement of the Gamma-Ray Energy Spectrum beyond 100 TeV from the HESS J1843-033 Region. Astrophysical Journal, 2022, 932, 120.	4.5	4
3	Observation of the Crab Nebula with LHAASO-KM2A γ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
4	First Detection of sub-PeV Diffuse Gamma Rays from the Galactic Disk: Evidence for Ubiquitous Galactic Cosmic Rays beyond PeV Energies. Physical Review Letters, 2021, 126, 141101.	7.8	120
5	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 γ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
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	Gamma-Ray Observation of the Cygnus Region in the 100-TeV Energy Region. Physical Review Letters, 2021, 127, 031102.	7.8	16
8	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
9	Petaelectron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
10	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. Astrophysical Journal Letters, 2021, 917, L4.	8.3	21
11	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
12	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
13	On the Hard Gamma-Ray Spectrum of the Potential PeVatron Supernova Remnant G106.3 + 2.7. Astrophysical Journal, 2021, 919, 32.	4.5	11
14	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
15	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
16	Is PSR J0855-4644 responsible for the 1.4 TeV electron spectral bump hinted by DAMPE?. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4573-4577.	4.4	2
17	First Detection of Photons with Energy beyond 100 TeV from an Astrophysical Source. Physical Review Letters, 2019, 123, 051101.	7.8	120
18	On the Gamma-Ray Nebula of Vela Pulsar. II. The Soft Spectrum of the Extended Radio Nebula. Astrophysical Journal, 2019, 881, 148.	4.5	3

#	ARTICLE	IF	CITATIONS
19	On the Gamma-Ray Nebula of Vela Pulsar. I. Very Slow Diffusion of Energetic Electrons within the TeV Nebula. <i>Astrophysical Journal</i> , 2019, 877, 54.	4.5	5