Yiwei Bao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1877586/publications.pdf

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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	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
2	First Detection of Photons with Energy beyond 100ÂTeV from an Astrophysical Source. Physical Review Letters, 2019, 123, 051101.	7.8	120
3	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
4	Petaâ€“electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
5	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
6	Observation of the Crab Nebula with LHAASO-KM2A â˜’ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
7	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
8	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
9	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
10	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
11	Gamma-Ray Observation of the Cygnus Region in the 100-TeV Energy Region. Physical Review Letters, 2021, 127, 031102.	7.8	16
12	On the Hard Gamma-Ray Spectrum of the Potential PeVatron Supernova Remnant G106.3 + 2.7. Astrophysical Journal, 2021, 919, 32.	4.5	11
13	On the Gamma-Ray Nebula of Vela Pulsar. I. Very Slow Diffusion of Energetic Electrons within the TeV Nebula. Astrophysical Journal, 2019, 877, 54.	4.5	5
14	Measurement of the Gamma-Ray Energy Spectrum beyond 100 TeV from the HESS J1843â€“033 Region. Astrophysical Journal, 2022, 932, 120.	4.5	4
15	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
16	Is PSR J0855â˜’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	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