

Bing Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5250949/publications.pdf>

Version: 2024-02-01

20
papers

799
citations

933447

10
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\hat{\text{I}}^3$ -ray Galactic sources. <i>Nature</i> , 2021, 594, 33-36.	27.8	262
2	First Detection of Photons with Energy beyond 100 $\hat{\text{A}}\text{TeV}$ from an Astrophysical Source. <i>Physical Review Letters</i> , 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. <i>Physical Review Letters</i> , 2021, 126, 141101.	7.8	120
4	Peta $\hat{\text{A}}$ electron volt gamma-ray emission from the Crab Nebula. <i>Science</i> , 2021, 373, 425-430.	12.6	86
5	Observation of the Crab Nebula with LHAASO-KM2A $\hat{\text{A}}$ a performance study *. <i>Chinese Physics C</i> , 2021, 45, 025002.	3.7	67
6	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. <i>Astrophysical Journal Letters</i> , 2021, 919, L22.	8.3	28
7	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. <i>Astrophysical Journal Letters</i> , 2021, 917, L4.	8.3	21
8	Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{\text{I}}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Rays Observed by LHAASO. <i>Physical Review Letters</i> , 2022, 128, 051102.	7.8	19
9	Gamma-Ray Observation of the Cygnus Region in the 100-TeV Energy Region. <i>Physical Review Letters</i> , 2021, 127, 031102.	7.8	16
10	GeV $\hat{\text{I}}^3$ -ray EMISSION DETECTED BY <i>FERMI</i> -LAT PROBABLY ASSOCIATED WITH THE THERMAL COMPOSITE SUPERNOVA REMNANT KESTEVEN 41 IN A MOLECULAR ENVIRONMENT. <i>Astrophysical Journal</i> , 2015, 809, 102.	4.5	14
11	Tentative evidence of spatially extended GeV emission from SS433/W50. <i>Astronomy and Astrophysics</i> , 2019, 626, A113.	5.1	11
12	A Study of Fermi-LAT GeV $\hat{\text{I}}^3$ -Ray Emission toward the Magnetar-harboring Supernova Remnant Kesteven 73 and Its Molecular Environment. <i>Astrophysical Journal</i> , 2017, 851, 37.	4.5	6
13	Performance test of the electromagnetic particle detectors for the LHAASO experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1001, 165193.	1.6	5
14	On the surface brightness radial profile of the extended $\hat{\text{I}}^3$ -ray sources. <i>Science China: Physics, Mechanics and Astronomy</i> , 2022, 65, 1.	5.1	5
15	The GeV Emission in the Field of the Star-forming Region W30 Revisited. <i>Astrophysical Journal</i> , 2019, 881, 94.	4.5	4
16	Nuclear de-excitation lines as a probe of low-energy cosmic rays. <i>Astronomy and Astrophysics</i> , 2021, 646, A149.	5.1	4
17	Measurement of the Gamma-Ray Energy Spectrum beyond 100 TeV from the HESS J1843 $\hat{\text{A}}$ 033 Region. <i>Astrophysical Journal</i> , 2022, 932, 120.	4.5	4
18	Gamma-ray observation towards the young massive star cluster NGC $\hat{\text{A}}$ 6618 in the M17 region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4747-4753.	4.4	3

#	ARTICLE	IF	CITATIONS
19	A hard spectrum diffuse γ -ray component associated with H α gas in the Galactic plane. <i>Astronomy and Astrophysics</i> , 2022, 659, A101.	5.1	2
20	GeV Gamma-Ray Emission and Molecular Clouds toward Supernova Remnant G35.6+0.4 and the TeV Source HESS J1858+020. <i>Astrophysical Journal</i> , 2022, 931, 128.	4.5	2