Bing Liu

List of Publications by Year
in descending order

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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	On the surface brightness radial profile of the extended Î³-ray sources. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	5
2	A hard spectrum diffuse Î³-ray component associated with Hâ€¯II gas in the Galactic plane. Astronomy and Astrophysics, 2022, 659, A101.	5.1	2
3	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
4	Gamma-ray observation towards the young massive star cluster NGCâ€‰6618 in the M17 region. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4747-4753.	4.4	3
5	GeV Gamma-Ray Emission and Molecular Clouds toward Supernova Remnant G35.6â€“0.4 and the TeV Source HESS J1858+020. Astrophysical Journal, 2022, 931, 128.	4.5	2
6	Measurement of the Gamma-Ray Energy Spectrum beyond 100 TeV from the HESS J1843â€“033 Region. Astrophysical Journal, 2022, 932, 120.	4.5	4
7	Nuclear de-excitation lines as a probe of low-energy cosmic rays. Astronomy and Astrophysics, 2021, 646, A149.	5.1	4
8	Observation of the Crab Nebula with LHAASO-KM2A â˜† a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
9	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
10	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
11	Performance test of the electromagnetic particle detectors for the LHAASO experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1001, 165193.	1.6	5
12	Gamma-Ray Observation of the Cygnus Region in the 100-TeV Energy Region. Physical Review Letters, 2021, 127, 031102.	7.8	16
13	Petaâ€“electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
14	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
15	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
16	First Detection of Photons with Energy beyond 100ÂTeV from an Astrophysical Source. Physical Review Letters, 2019, 123, 051101.	7.8	120
17	The GeV Emission in the Field of the Star-forming Region W30 Revisited. Astrophysical Journal, 2019, 881, 94.	4.5	4
18	Tentative evidence of spatially extended GeV emission from SS433/W50. Astronomy and Astrophysics, 2019, 626, A113.	5.1	11

#	Article	IF	Citations
19	A Study of Fermi-LAT GeV Î³-Ray Emission toward the Magnetar-harboring Supernova Remnant Kesteven 73 and Its Molecular Environment. Astrophysical Journal, 2017, 851, 37.	4.5	6
20	GeVÎ³-ray EMISSION DETECTED BYFERMI-LAT PROBABLY ASSOCIATED WITH THE THERMAL COMPOSITE SUPERNOVA REMNANT KESTEVEN 41 IN A MOLECULAR ENVIRONMENT. Astrophysical Journal, 2015, 809, 102.	4.5	14