Zhi-Yuan Pei

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4775093/publications.pdf

Version: 2024-02-01

28	864	623734	642732
papers	citations	14 h-index	23 g-index

29	29	29	618
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	THE SPECTRAL ENERGY DISTRIBUTIONS OF FERMI BLAZARS. Astrophysical Journal, Supplement Series, 2016, 226, 20.	7.7	125
3	Petaâ€“electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
4	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></mml:m Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
5	Observation of the Crab Nebula with LHAASO-KM2A â˜† a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
6	Comparison between Fermi detected and non-Fermi detected superluminal sources. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	31
7	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
8	The relationship between the radio core-dominance parameter and spectral index in different classes of extragalactic radio sources (II). Research in Astronomy and Astrophysics, 2019, 19, 070.	1.7	26
9	Radio core dominance of Fermi blazars. Astrophysics and Space Science, 2016, 361, 1.	1.4	21
10	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
11	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
12	The estimation of Î³-ray Doppler factor forFermi/LAT-detected blazars. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	17
13	Radio core dominance of Fermi/LAT-detected AGNs. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	16
14	Correlation between Î³ $gamma$ -ray flux density and redshift for Fermi blazars. Astrophysics and Space Science, 2015, 359, 1.	1.4	14
15	The relationship between the radio core-dominance parameter and spectral index in different classes of extragalactic radio sources (III). Research in Astronomy and Astrophysics, 2020, 20, 025.	1.7	14
16	Beaming Effect in Fermi Blazars. Astrophysical Journal, 2022, 925, 120.	4.5	13
17	The Estimation of Fundamental Physics Parameters for Fermi-LAT Blazars. Astrophysical Journal, 2022, 925, 97.	4.5	11
18	Beamed and Unbeamed Emission of Î³-Ray Blazars. Publications of the Astronomical Society of the Pacific, 2020, 132, 114102.	3.1	8

#	Article	IF	Citations
19	Correlation between Î³-ray and radio emissions in Fermi blazars. Publication of the Astronomical Society of Japan, 2014, 66, 117.	2.5	7
20	A study of the intrinsic $gamma$-ray emission of Fermi/LAT-detected BL Lacs. Astrophysics and Space Science, 2021, 366, 1.	1.4	2
21	Two-component model of the X-ray emissions for $mathit {Fermi}$-LAT selected blazars. Astrophysics and Space Science, 2022, 367, 1.	1.4	2
22	Beaming effect for Fermi/LAT blazars. Proceedings of the International Astronomical Union, 2014, 10, 53-57.	0.0	1
23	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
24	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
25	Two-component TeV Emissions for Blazars. Publications of the Astronomical Society of the Pacific, 2022, 134, 064101.	3.1	1
26	The core dominance parameter for gamma-ray loud blazars. Proceedings of the International Astronomical Union, 2014, 10, 83-84.	0.0	0
27	Optical variability of PHL 1811 and 3C 273. Proceedings of the International Astronomical Union, 2014, 10, 79-80.	0.0	0
28	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0