Zhi-Yuan Pei

List of Publications by Year
in descending order

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

29	29	29	618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beaming Effect in Fermi Blazars. Astrophysical Journal, 2022, 925, 120.	4.5	13
2	The Estimation of Fundamental Physics Parameters for Fermi-LAT Blazars. Astrophysical Journal, 2022, 925, 97.	4.5	11
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	Two-component model of the X-ray emissions for $mathit {Fermi}$-LAT selected blazars. Astrophysics and Space Science, 2022, 367, 1.	1.4	2
5	Two-component TeV Emissions for Blazars. Publications of the Astronomical Society of the Pacific, 2022, 134, 064101.	3.1	1
6	Observation of the Crab Nebula with LHAASO-KM2A â˘ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
7	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 Î³-ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
8	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:n Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
9	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
10	Petaâ€"electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
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	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
14	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
15	A study of the intrinsic $gamma$-ray emission of Fermi/LAT-detected BL Lacs. Astrophysics and Space Science, 2021, 366, 1.	1.4	2
16	The estimation of Î³-ray Doppler factor for<i>Fermi</i>/LAT-detected blazars. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	17
17	Radio core dominance of Fermi/LAT-detected AGNs. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	16
18	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

#	Article	IF	Citations
19	Beamed and Unbeamed Emission of Î³-Ray Blazars. Publications of the Astronomical Society of the Pacific, 2020, 132, 114102.	3.1	8
20	Comparison between Fermi detected and non-Fermi detected superluminal sources. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	31
21	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
22	THE SPECTRAL ENERGY DISTRIBUTIONS OF FERMI BLAZARS. Astrophysical Journal, Supplement Series, 2016, 226, 20.	7.7	125
23	Radio core dominance of Fermi blazars. Astrophysics and Space Science, 2016, 361, 1.	1.4	21
24	Correlation between Î³ $gamma$ -ray flux density and redshift for Fermi blazars. Astrophysics and Space Science, 2015, 359, 1.	1.4	14
25	Correlation between Î³-ray and radio emissions in Fermi blazars. Publication of the Astronomical Society of Japan, 2014, 66, 117.	2.5	7
26	Beaming effect for Fermi/LAT blazars. Proceedings of the International Astronomical Union, 2014, 10, 53-57.	0.0	1
27	The core dominance parameter for gamma-ray loud blazars. Proceedings of the International Astronomical Union, 2014, 10, 83-84.	0.0	0
28	Optical variability of PHL 1811 and 3C 273. Proceedings of the International Astronomical Union, 2014, 10, 79-80.	0.0	0