

Rui-zhi Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/383396/publications.pdf>

Version: 2024-02-01

29
papers

973
citations

687363

13
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

802
citing authors

#	ARTICLE	IF	CITATIONS
1	On the surface brightness radial profile of the extended $\hat{\Gamma}^3$ -ray sources. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	5
2	A hard spectrum diffuse $\hat{\Gamma}^3$ -ray component associated with H $\hat{\Gamma}$ -II gas in the Galactic plane. Astronomy and Astrophysics, 2022, 659, A101.	5.1	2
3	Diffuse GeV emission in the field of HESS J1912+101 revisited. Astronomy and Astrophysics, 2022, 659, A83.	5.1	4
4	Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\hat{\Gamma}^3$ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
5	Signatures of linear Breit-Wheeler pair production in polarized $\hat{\Gamma}^3$ collisions. Physical Review D, 2022, 105, .	4.7	9
6	Gamma-ray observation towards the young massive star cluster NGC 6618 in the M17 region. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4747-4753.	4.4	3
7	LHAASO and the galactic cosmic rays. Innovation(China), 2022, , 100260.	9.1	0
8	Observation of the Crab Nebula with LHAASO-KM2A $\hat{\Gamma}^3$ a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
9	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\hat{\Gamma}^3$ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
10	Probing the hadronic nature of the gamma-ray emission associated with Westerlund 2. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2731-2740.	4.4	8
11	Peta-electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
12	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
13	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
14	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
15	Diffuse $\hat{\Gamma}^3$ -ray emission toward the massive star-forming region, W40. Astronomy and Astrophysics, 2020, 639, A80.	5.1	21
16	Diffuse $\hat{\Gamma}^3$ -ray emission from the vicinity of young massive star cluster RSGC 1. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3405-3412.	4.4	11
17	Probing the sea of galactic cosmic rays with Fermi-LAT. Physical Review D, 2020, 101, .	4.7	28
18	The diffuse gamma-ray emission toward the Galactic mini starburst W43. Astronomy and Astrophysics, 2020, 640, A60.	5.1	12

#	ARTICLE	IF	CITATIONS
19	Massive star clusters as the an alternative source population of galactic cosmic rays. Rendiconti Lincei, 2019, 30, 159-164.	2.2	6
20	Interpretation of the excess of antiparticles within a modified paradigm of galactic cosmic rays. Physical Review D, 2019, 100, .	4.7	12
21	Massive stars as major factories of Galactic cosmic rays. Nature Astronomy, 2019, 3, 561-567.	10.1	166
22	The GeV Emission in the Field of the Star-forming Region W30 Revisited. Astrophysical Journal, 2019, 881, 94.	4.5	4
23	Is the SNR HESS J1731-347 Colliding with Molecular Clouds?. Astrophysical Journal, 2019, 887, 47.	4.5	5
24	Exploring the shape of the γ -ray spectrum around the ~ 0 -bump. Astronomy and Astrophysics, 2018, 615, A108.	5.1	15
25	Diffuse γ -ray emission in the vicinity of young star cluster Westerlund 2. Astronomy and Astrophysics, 2018, 611, A77.	5.1	43
26	Diffuse γ -ray emission near the young massive cluster NGC 3603. Astronomy and Astrophysics, 2017, 600, A107.	5.1	24
27	Energy distribution of relativistic electrons in the young supernova remnant G1.9+0.3. Astronomy and Astrophysics, 2017, 603, A7.	5.1	11
28	Radial distribution of the diffuse γ -ray emissivity in the Galactic disk. Physical Review D, 2016, 93, .	4.7	96
29	A radiation transfer model for the Milky Way. II The global properties and large scale structure. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	5