

Yaodong Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

583
citations

1163117

8
h-index

1588992

8
g-index

17
all docs

17
docs citations

17
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high-energy photons up to 1.4 petaelectronvolts from 12 $\hat{\Gamma}^3$ -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
2	Peta-electron volt gamma-ray emission from the Crab Nebula. Science, 2021, 373, 425-430.	12.6	86
3	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR $J0622+3749$ Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	7.8	73
4	Observation of the Crab Nebula with LHAASO-KM2A's a performance study *. Chinese Physics C, 2021, 45, 025002.	3.7	67
5	Discovery of the Ultra-high-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
6	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
7	Exploring Lorentz Invariance Violation from Ultra-high-Energy $\hat{\Gamma}^3$ Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
8	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
9	BigDataBench-S: An Open-Source Scientific Big Data Benchmark Suite. , 2017, , .		6
10	A Large Scale Data Management System for BESGrid. , 2010, , .		1
11	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
12	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
13	Deploying HEP Applications on Multiple Grid Infrastructures. , 2008, , .		0
14	A loosely coupled scalable cloud infrastructure. Journal of Physics: Conference Series, 2018, 1085, 032011.	0.4	0
15	LEAF: A data cache and access system across remote sites. Journal of Physics: Conference Series, 2018, 1085, 032008.	0.4	0
16	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0
17	Construction and application of LHAASO data processing platform. Radiation Detection Technology and Methods, 0, , .	0.8	0