

Yaodong Cheng

List of Publications by Year in descending order

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papers

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times ranked

496
citing authors

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