

Rui Qiao

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

583
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	The DArk Matter Particle Explorer mission. <i>Astroparticle Physics</i> , 2017, 95, 6-24.	4.3	185
2	Measurement of the cosmic ray proton spectrum from 40 GeV to 100 TeV with the DAMPE satellite. <i>Science Advances</i> , 2019, 5, eaax3793.	10.3	121
3	Measurement of the Cosmic Ray Helium Energy Spectrum from 70 GeV to 80 TeV with the DAMPE Space Mission. <i>Physical Review Letters</i> , 2021, 126, 201102.	7.8	66
4	The DAMPE silicon-tungsten tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 831, 378-384.	1.6	58
5	The on-orbit calibration of DArk Matter Particle Explorer. <i>Astroparticle Physics</i> , 2019, 106, 18-34.	4.3	31
6	Charge measurement of cosmic ray nuclei with the plastic scintillator detector of DAMPE. <i>Astroparticle Physics</i> , 2019, 105, 31-36.	4.3	26
7	Internal alignment and position resolution of the silicon tracker of DAMPE determined with orbit data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 893, 43-56.	1.6	22
8	On-ground and on-orbit time calibrations of GECAM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 964-971.	4.4	20
9	Implications on the origin of cosmic rays in light of 10 TV spectral softenings. <i>Frontiers of Physics</i> , 2020, 15, 1.	5.0	17
10	Energetic transients joint analysis system for multi-INstrument (ETJASMIN) for GECAM. I. Positional, temporal, and spectral analyses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2397-2406.	4.4	11
11	Observations of Forbush Decreases of Cosmic-Ray Electrons and Positrons with the Dark Matter Particle Explorer. <i>Astrophysical Journal Letters</i> , 2021, 920, L43.	8.3	9
12	Charge reconstruction of the DAMPE Silicon-tungsten Tracker: A preliminary study with ion beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 886, 48-52.	1.6	6
13	A charge reconstruction algorithm for DAMPE silicon microstrip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 935, 24-29.	1.6	5
14	A charge sharing study of silicon microstrip detectors with electrical characterization and SPICE simulation. <i>Advances in Space Research</i> , 2019, 64, 2627-2633.	2.6	3
15	Result of proton beam energy calibration of GECAM satellite charged particle detector. <i>Radiation Detection Technology and Methods</i> , 2022, 6, 26-34.	0.8	3