

Shoichi Shibata

List of Publications by Year in descending order

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17
papers

222
citations

1307594

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996975

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17
all docs

17
docs citations

17
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and experimental validation of optimum read-out electronics design for scintillator bar cosmic ray telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 991, 165019.	1.6	1
2	Particle identification and analysis in the SciCRT using machine learning tools. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1003, 165326.	1.6	1
3	Detectability of southern gamma-ray sources beyond 100 TeV with ALPAQUITA, the prototype experiment of ALPACA. Experimental Astronomy, 2021, 52, 85-107.	3.7	9
4	Possible detection of solar gamma-rays by ground-level detectors in solar flares on 2011 March 7. Publication of the Astronomical Society of Japan, 2020, 72, .	2.5	3
5	A faster and more reliable data acquisition system for the full performance of the SciCRT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 857, 50-57.	1.6	5
6	Measurement of Solar Neutrons on 05 March 2012. Using a Fiber-Type Neutron Monitor Onboard the Attached Payload to the ISS. Solar Physics, 2017, 292, 1.	2.5	6
7	Transient Weakening of Earth's Magnetic Shield Probed by a Cosmic Ray Burst. Physical Review Letters, 2016, 117, 171101.	7.8	26
8	Simultaneous Observation of Solar Neutrons from the International Space Station and High Mountain Observatories in Association with a Flare on July 8, 2014. Solar Physics, 2016, 291, 1241-1265.	2.5	9
9	Observation of cosmic ray hadrons at the top of the Sierra Negra volcano in Mexico with the SciCRT prototype. Advances in Space Research, 2016, 58, 2018-2025.	2.6	2
10	Performance of the SciBar cosmic ray telescope (SciCRT) toward the detection of high-energy solar neutrons in solar cycle 24. Earth, Planets and Space, 2014, 66, 130.	2.5	6
11	First cosmic-ray measurements by the SciCRT solar neutron experiment in Mexico. Astroparticle Physics, 2014, 59, 39-46.	4.3	6
12	Physics of ion acceleration in the solar flare on 2005 September 7 determines $\hat{\gamma}$ -ray and neutron production. Advances in Space Research, 2009, 44, 789-793.	2.6	7
13	Long-lived Solar Neutron Emission in Comparison with Electron-produced Radiation in the 2005 September 7 Solar Flare. Astrophysical Journal, 2006, 651, L69-L72.	4.5	31
14	SOLAR NEUTRON EVENTS THAT HAVE BEEN FOUND IN SOLAR CYCLE 23. International Journal of Modern Physics A, 2005, 20, 6646-6649.	1.5	5
15	Solar neutrons on May 24th, 1990. AIP Conference Proceedings, 1996, , .	0.4	5
16	Propagation of solar neutrons through the atmosphere of the Earth. Journal of Geophysical Research, 1994, 99, 6651.	3.3	62
17	Observation of solar neutrons associated with the large flare on 1991 June 4. Astrophysical Journal, 1992, 400, L75.	4.5	38