

Shoichi Shibata

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

222
citations

1307594

7
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of solar neutrons through the atmosphere of the Earth. Journal of Geophysical Research, 1994, 99, 6651.	3.3	62
2	Observation of solar neutrons associated with the large flare on 1991 June 4. Astrophysical Journal, 1992, 400, L75.	4.5	38
3	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
4	Transient Weakening of Earth's Magnetic Shield Probed by a Cosmic Ray Burst. Physical Review Letters, 2016, 117, 171101.	7.8	26
5	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
6	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
7	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
8	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
9	First cosmic-ray measurements by the SciCRT solar neutron experiment in Mexico. Astroparticle Physics, 2014, 59, 39-46.	4.3	6
10	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
11	Solar neutrons on May 24th, 1990. AIP Conference Proceedings, 1996, , .	0.4	5
12	SOLAR NEUTRON EVENTS THAT HAVE BEEN FOUND IN SOLAR CYCLE 23. International Journal of Modern Physics A, 2005, 20, 6646-6649.	1.5	5
13	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
14	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
15	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
16	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
17	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