

Takao Kuwabara

List of Publications by Year in descending order

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23
papers

1,392
citations

567281

15
h-index

642732

23
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docs citations

24
times ranked

1986
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of High-Energy Astrophysical Neutrinos in Three Years of IceCube Data. <i>Physical Review Letters</i> , 2014, 113, 101101.	7.8	873
2	Measurement of the Atmospheric μ Flux in IceCube. <i>Physical Review Letters</i> , 2013, 110, 151105.	7.8	64
3	Determination of interplanetary coronal mass ejection geometry and orientation from ground-based observations of galactic cosmic rays. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	41
4	Drift Effects and the Cosmic Ray Density Gradient in a Solar Rotation Period: First Observation with the Global Muon Detector Network (GMDN). <i>Astrophysical Journal</i> , 2008, 681, 693-707.	4.5	40
5	Search for non-relativistic magnetic monopoles with IceCube. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	39
6	Development of a ground level enhancement alarm system based upon neutron monitors. <i>Space Weather</i> , 2006, 4, n/a-n/a.	3.7	38
7	Geometry of an interplanetary CME on October 29, 2003 deduced from cosmic rays. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	35
8	Real-time cosmic ray monitoring system for space weather. <i>Space Weather</i> , 2006, 4, n/a-n/a.	3.7	32
9	THE TEMPERATURE EFFECT IN SECONDARY COSMIC RAYS (MUONS) OBSERVED AT THE GROUND: ANALYSIS OF THE GLOBAL MUON DETECTOR NETWORK DATA. <i>Astrophysical Journal</i> , 2016, 830, 88.	4.5	30
10	Multipole analysis of IceCube data to search for dark matter accumulated in the Galactic halo. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	28
11	Search for relativistic magnetic monopoles with the AMANDA-II neutrino telescope. <i>European Physical Journal C</i> , 2010, 69, 361-378.	3.9	26
12	Global Muon Detector Network Used for Space Weather Applications. <i>Space Science Reviews</i> , 2014, 182, 1-18.	8.1	22
13	Radiation dose forecast of WASAVIES during ground-level enhancement. <i>Space Weather</i> , 2014, 12, 380-386.	3.7	21
14	A loss cone precursor of an approaching shock observed by a cosmic ray muon hodoscope on October 28, 2003. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	20
15	Geomagnetic storm's precursors observed from 2001 to 2007 with the Global Muon Detector Network (GMDN). <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	17
16	Cosmic Ray Muon Observation at Southern Space Observatory (SSO (29°S, 53°W)). <i>Astrophysics and Space Science</i> , 2004, 290, 389-397.	1.4	12
17	SEARCHES FOR PERIODIC NEUTRINO EMISSION FROM BINARY SYSTEMS WITH 22 AND 40 STRINGS OF ICECUBE. <i>Astrophysical Journal</i> , 2012, 748, 118.	4.5	11
18	Cosmic-Ray Short Burst Observed with the Global Muon Detector Network (GMDN) on 2015 June 22. <i>Astrophysical Journal</i> , 2018, 862, 170.	4.5	10

#	ARTICLE	IF	CITATIONS
19	Analysis of Cosmic Rays' Atmospheric Effects and Their Relationships to Cutoff Rigidity and Zenith Angle Using Global Muon Detector Network Data. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9791-9813.	2.4	8
20	Temperature effect correction for the cosmic ray muon data observed at the Brazilian Southern Space Observatory in São Martinho da Serra. <i>Journal of Physics: Conference Series</i> , 2013, 409, 012138.	0.4	7
21	A Peculiar ICME Event in August 2018 Observed With the Global Muon Detector Network. <i>Space Weather</i> , 2021, 19, e2020SW002531.	3.7	7
22	AVERAGE SPATIAL DISTRIBUTION OF COSMIC RAYS BEHIND THE INTERPLANETARY SHOCK—GLOBAL MUON DETECTOR NETWORK OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 825, 100.	4.5	6
23	On Cosmic Rays, IP Structures and Geospace Consequences During WHI. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 488-490.	0.0	0