

Katrin Link

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

878
citations

471509

17
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Final results of the LOPES radio interferometer for cosmic-ray air showers. European Physical Journal C, 2021, 81, 1.	3.9	12
2	The KASCADE Cosmic-ray Data Centre KCDC: granting open access to astroparticle physics research data. European Physical Journal C, 2018, 78, 1.	3.9	22
3	Calibration of the logarithmic-periodic dipole antenna (LPDA) radio stations at the Pierre Auger Observatory using an octocopter. Journal of Instrumentation, 2017, 12, T10005-T10005.	1.2	21
4	Interferometric Radio Measurements of Air Showers with LOPES: Final Results. , 2017, , .		2
5	A comparison of the cosmic-ray energy scales of Tunka-133 and KASCADE-Grande via their radio extensions Tunka-Rex and LOPES. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 179-185.	4.1	32
6	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. Physical Review D, 2016, 93, .	4.7	80
7	Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. Physical Review Letters, 2016, 116, 241101.	7.8	91
8	Improved absolute calibration of LOPES measurements and its impact on the comparison with REAS 3.11 and CoREAS simulations. Astroparticle Physics, 2016, 75, 72-74.	4.3	27
9	Revised absolute amplitude calibration of the LOPES experiment. , 2016, , .		3
10	New results of the digital radio interferometer LOPES. , 2016, , .		1
11	Calibrating the absolute amplitude scale for air showers measured at LOFAR. Journal of Instrumentation, 2015, 10, P11005-P11005.	1.2	38
12	First Experimental Characterization of Microwave Emission from Cosmic Ray Air Showers. Physical Review Letters, 2014, 113, 221101.	7.8	33
13	Probing the radio emission from air showers with polarization measurements. Physical Review D, 2014, 89, .	4.7	85
14	Reconstruction of the energy and depth of maximum of cosmic-ray air showers from LOPES radio measurements. Physical Review D, 2014, 90, .	4.7	57
15	The wavefront of the radio signal emitted by cosmic ray air showers. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 025-025.	5.4	42
16	Comparing LOPES measurements of air-shower radio emission with REAS 3.11 and CoREAS simulations. Astroparticle Physics, 2013, 50-52, 76-91.	4.3	15
17	Experimental evidence for the sensitivity of the air-shower radio signal to the longitudinal shower development. Physical Review D, 2012, 85, .	4.7	43
18	LOPES-3D: An antenna array for full signal detection of air-shower radio emission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 696, 100-109.	1.6	15

#	ARTICLE	IF	CITATIONS
19	On noise treatment in radio measurements of cosmic ray air showers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 662, S238-S241.	1.6	19
20	The LOPES experimentâ€™Recent results, status and perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 662, S72-S79.	1.6	23
21	Thunderstorm observations by air-shower radio antenna arrays. Advances in Space Research, 2011, 48, 1295-1303.	2.6	17
22	The LOPES experiment. Nuclear Physics, Section B, Proceedings Supplements, 2011, 212-213, 323-328.	0.4	1
23	Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, 92-102.	1.6	52
24	The KASCADE-Grande experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 202-216.	1.6	147