

# K-H Kampert

## List of Publications by Year in descending order

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Version: 2024-02-01

311  
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23544

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all docs

314  
docs citations

314  
times ranked

6647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum gravity phenomenology at the dawn of the multi-messenger era—A review. Progress in Particle and Nuclear Physics, 2022, 125, 103948.	5.6	175
2	The Muon Puzzle in cosmic-ray induced air showers and its connection to the Large Hadron Collider. Astrophysics and Space Science, 2022, 367, 1.	0.5	43
3	Characterization of 500 MAPMTs, entrance glass windows, and p-terphenyl wavelength shifting coating under neutron and $\gamma$ irradiation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 952, 161799.	0.7	2
4	Final results of the LOPES radio interferometer for cosmic-ray air showers. European Physical Journal C, 2021, 81, 1.	1.4	12
5	Measurement of the Fluctuations in the Number of Muons in Extensive Air Showers with the Pierre Auger Observatory. Physical Review Letters, 2021, 126, 152002.	2.9	34
6	The energy spectrum of cosmic rays beyond the turn-down around $10^{17}$ eV as measured with the surface detector of the Pierre Auger Observatory. European Physical Journal C, 2021, 81, 1.	1.4	44
7	Final design of a monitoring system and software correction cycle for the mirror alignment of the CBM RICH detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 952, 161799.	0.7	1
8	Efficiency and temporal response of p-terphenyl based wavelength shifting films on H12700 multi anode photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 952, 161867.	0.7	2
9	Status of the CBM and HADES RICH projects at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 952, 161970.	0.7	2
10	Features of the Energy Spectrum of Cosmic Rays above $2.5 \times 10^{17}$ eV Using the Pierre Auger Observatory. Physical Review Letters, 2020, 125, 121106.	2.9	79
11	Direct measurement of the muonic content of extensive air showers between $2 \times 10^{17}$ eV and $2 \times 10^{18}$ eV at the Pierre Auger Observatory. European Physical Journal C, 2020, 80, 1.	1.4	36
12	A 3-Year Sample of Almost 1,600 Elves Recorded Above South America by the Pierre Auger Cosmic-Ray Observatory. Earth and Space Science, 2020, 7, e2019EA000582.	1.1	9
13	A Search for Ultra-high-energy Neutrinos from TXS 0506+056 Using the Pierre Auger Observatory. Astrophysical Journal, 2020, 902, 105.	1.6	13
14	On the flux of high-energy cosmogenic neutrinos and the influence of the extragalactic magnetic field. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L119-L122.	1.2	3
15	Multi-Messenger Physics With the Pierre Auger Observatory. Frontiers in Astronomy and Space Sciences, 2019, 6, .	1.1	20
16	Summary of the main results of the KASCADE and KASCADE-Grande experiments. EPJ Web of Conferences, 2019, 208, 03002.	0.1	3
17	Recent results from the KASCADE-Grande data analysis. EPJ Web of Conferences, 2019, 208, 04005.	0.1	0
18	Search for Large-scale Anisotropy in the Arrival Direction of Cosmic Rays with KASCADE-Grande. Astrophysical Journal, 2019, 870, 91.	1.6	12

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19	Open Questions in Cosmic-Ray Research at Ultrahigh Energies. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	1.1	115
20	The KASCADE Cosmic-ray Data Centre KCDC: granting open access to astroparticle physics research data. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	22
21	James W. Cronin: Raising the Profile of Physics Worldwide. , 2018, , .		0
22	Conception and design of a control and monitoring system for the mirror alignment of the CBM RICH detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 876, 119-122.	0.7	1
23	The RICH detector of the CBM experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 876, 65-68.	0.7	6
24	Single photon test bench for series tests of HAMAMATSU H12700 MAPMTs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 876, 123-125.	0.7	5
25	Upgrade of the HADES RICH photon detector with H12700 MAPMTs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 876, 164-167.	0.7	6
26	Event reconstruction for the CBM-RICH prototype beamtest data in 2014. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 876, 76-79.	0.7	0
27	A Targeted Search for Point Sources of EeV Photons with the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 837, L25.	3.0	21
28	KASCADE-Grande Limits on the Isotropic Diffuse Gamma-Ray Flux between 100 TeV and 1 EeV. <i>Astrophysical Journal</i> , 2017, 848, 1.	1.6	57
29	Observation of a large-scale anisotropy in the arrival directions of cosmic rays above $8 \times 10^{18}$ eV. <i>Science</i> , 2017, 357, 1266-1270.	6.0	261
30	Probing the evolution of the EAS muon content in the atmosphere with KASCADE-Grande. <i>Astroparticle Physics</i> , 2017, 95, 25-43.	1.9	42
31	The Pierre Auger Observatory: Selected Results and Future Plans. , 2017, , .		1
32	The CBM RICH project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 845, 434-438.	0.7	6
33	Muon density measurements for the light and heavy mass groups of cosmic rays at the KASCADE-Grande observatory. <i>Nuclear and Particle Physics Proceedings</i> , 2017, 291-293, 152-157.	0.2	0
34	KASCADE-Grande energy reconstruction based on the lateral density distribution using the QGSJet-II.04 interaction model. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
35	Electronics for the RICH detectors of the HADES and CBM experiments. <i>Journal of Instrumentation</i> , 2017, 12, C01072-C01072.	0.5	22
36	Ultra-high energy cosmic rays: Recent results and future plans of Auger. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	2

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37	KASCADE-Grande: Composition studies in the view of the post-LHC hadronic interaction models. EPJ Web of Conferences, 2017, 145, 13001.	0.1	0
38	Interferometric Radio Measurements of Air Showers with LOPES: Final Results. , 2017, , .		2
39	KASCADE-Grande: Composition studies in the view of the post-LHC hadronic interaction models. EPJ Web of Conferences, 2017, 145, 13001.	0.1	0
40	KASCADE-Grande experiment measurements of the cosmic ray spectrum and large scale anisotropy. Nuclear and Particle Physics Proceedings, 2016, 279-281, 56-62.	0.2	3
41	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.	1.5	32
42	The CBM RICH detector. Journal of Instrumentation, 2016, 11, C05016-C05016.	0.5	2
43	CRPropa 3â€”a public astrophysical simulation framework for propagating extraterrestrial ultra-high energy particles. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 038-038.	1.9	181
44	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.	2.9	91
45	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. Physical Review Letters, 2016, 117, 192001.	2.9	154
46	Calculation of the axion mass based on high-temperature lattice quantum chromodynamics. Nature, 2016, 539, 69-71.	13.7	467
47	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.	1.9	27
48	Cosmic ray energy reconstruction from the S(500) observable recorded in the KASCADE-Grande air shower experiment. Astroparticle Physics, 2016, 77, 21-31.	1.9	7
49	KCDC â€” The KASCADE Cosmic-ray Data Centre. Journal of Physics: Conference Series, 2015, 632, 012011.	0.3	2
50	Cosmic ray propagation with CRPropa 3. Journal of Physics: Conference Series, 2015, 608, 012076.	0.3	4
51	The KASCADE-Grande observatory and the composition of very high-energy cosmic rays. Journal of Physics: Conference Series, 2015, 651, 012001.	0.3	3
52	LOPES â€” Recent Results and Open Questions on the Radio Detection of Air Showers. Journal of Physics: Conference Series, 2015, 632, 012102.	0.3	3
53	On a coherent investigation of the spectrum of cosmic rays in the energy range of $10^{14}$ – $10^{18}$ eV with KASCADE and KASCADE-Grande. Journal of Physics: Conference Series, 2015, 632, 012025.	0.3	1
54	A limit on the diffuse gamma-rays measured with KASCADE-Grande. Journal of Physics: Conference Series, 2015, 632, 012013.	0.3	10

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55	Confronting the EPOS-LHC model predictions on the charged particle and muon attenuation lengths of EAS with the measurements of the KASCADE-Grande observatory. EPJ Web of Conferences, 2015, 99, 12002.	0.1	6
56	The $\ln A$ study with the Muon tracking detector in the KASCADE-Grande experiment – comparison of hadronic interaction models. EPJ Web of Conferences, 2015, 99, 13001.	0.1	2
57	CRPropa: A public framework to propagate UHECRs in the universe. EPJ Web of Conferences, 2015, 99, 13004.	0.1	5
58	SEARCHES FOR ANISOTROPIES IN THE ARRIVAL DIRECTIONS OF THE HIGHEST ENERGY COSMIC RAYS DETECTED BY THE PIERRE AUGER OBSERVATORY. Astrophysical Journal, 2015, 804, 15.	1.6	146
59	Influence of wavelength-shifting films on multianode PMTs with UV-extended windows. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 783, 43-50.	0.7	8
60	Lateral distributions of EAS muons ( $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si110.gif" overflow="scroll" \rangle$ ). Tj ETQq0.0.0 rgBT /Overlock 10 T	1.9	17
61	Studies of the cosmic ray spectrum and large scale anisotropies with the KASCADE-Grande experiment. Journal of Physics: Conference Series, 2014, 531, 012001.	0.3	4
62	First Experimental Characterization of Microwave Emission from Cosmic Ray Air Showers. Physical Review Letters, 2014, 113, 221101.	2.9	33
63	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. Astrophysical Journal, 2014, 789, 160.	1.6	29
64	The CBM RICH project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 101-106.	0.7	20
65	The cosmic ray spectrum and composition measured by KASCADE-Grande between 1016 eV and 1018 eV. Nuclear Physics, Section B, Proceedings Supplements, 2014, 256-257, 149-160.	0.5	7
66	Reconstruction of the energy and depth of maximum of cosmic-ray air showers from LOPES radio measurements. Physical Review D, 2014, 90, .	1.6	57
67	A TARGETED SEARCH FOR POINT SOURCES OF EeV NEUTRONS. Astrophysical Journal Letters, 2014, 789, L34.	3.0	14
68	Latest results from the KASCADE-Grande experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 742, 10-15.	0.7	2
69	Cosmic rays from the ankle to the cutoff. Comptes Rendus Physique, 2014, 15, 318-328.	0.3	31
70	Determination of tolerances of mirror displacement and radiator gas impurity for the CBM RICH detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 221-224.	0.7	3
71	The KASCADE-Grande energy spectrum of cosmic rays and the role of hadronic interaction models. Advances in Space Research, 2014, 53, 1456-1469.	1.2	40
72	Wavelength shifting films on multianode PMTs with UV-extended window for the CBM RICH detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 180-182.	0.7	3

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73	The wavefront of the radio signal emitted by cosmic ray air showers. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 025-025.	1.9	42
74	Ultrahigh-Energy Cosmic Rays: Results and Prospects. Brazilian Journal of Physics, 2013, 43, 375-382.	0.7	9
75	KASCADE-Grande measurements of energy spectra for elemental groups of cosmic rays. Astroparticle Physics, 2013, 47, 54-66.	1.9	163
76	Comparing LOPES measurements of air-shower radio emission with REAS 3.11 and CoREAS simulations. Astroparticle Physics, 2013, 50-52, 76-91.	1.9	15
77	CRPropa 2.0 – A public framework for propagating high energy nuclei, secondary gamma rays and neutrinos. Astroparticle Physics, 2013, 42, 41-51.	1.9	74
78	Cosmic ray measurements with LOPES: Status and recent results. , 2013, , .		8
79	Comparison of LOPES measurements with CoREAS and REAS 3.11 simulations. , 2013, , .		4
80	LOPES-3D - vectorial measurements of radio emission from cosmic ray induced air showers. , 2013, , .		0
81	Cosmic-ray Observation via Microwave Emission (CROME). , 2013, , .		0
82	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. Advances in High Energy Physics, 2013, 2013, 1-18.	0.5	39
83	Ankle-like feature in the energy spectrum of light elements of cosmic rays observed with KASCADE-Grande. Physical Review D, 2013, 87, .	1.6	96
84	CONSTRAINTS ON THE ORIGIN OF COSMIC RAYS ABOVE $10^{18}$ eV FROM LARGE-SCALE ANISOTROPY SEARCHES IN DATA OF THE PIERRE AUGER OBSERVATORY. Astrophysical Journal Letters, 2013, 762, L13.	3.0	67
85	Radio Measurements of Air Showers with LOPES. Journal of Physics: Conference Series, 2013, 409, 012075.	0.3	2
86	All-particle energy spectrum of KASCADE-Grande based on shower size and different hadronic interaction models. Journal of Physics: Conference Series, 2013, 409, 012101.	0.3	3
87	Separation of the light and heavy mass groups of $10^{16}$ – $10^{18}$ eV cosmic rays by studying the ratio muon size to shower size of KASCADE-Grande data. Journal of Physics: Conference Series, 2013, 409, 012095.	0.3	2
88	KASCADE-Grande observation of features in the cosmic ray spectrum between knee and ankle. Journal of Physics: Conference Series, 2013, 409, 012005.	0.3	1
89	Test of hadronic interaction models with the KASCADE-Grande muon data. EPJ Web of Conferences, 2013, 52, 07002.	0.1	3
90	Experimental Summary: Very High Energy Cosmic Rays and their Interactions. EPJ Web of Conferences, 2013, 52, 13001.	0.1	1

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91	Observation of microwave emission from extensive air showers with CROME. EPJ Web of Conferences, 2013, 53, 08010.	0.1	10
92	CRPropa 2.0. EPJ Web of Conferences, 2013, 52, 06006.	0.1	0
93	Antennas for the detection of radio emission pulses from cosmic-ray induced air showers at the Pierre Auger Observatory. Journal of Instrumentation, 2012, 7, P10011-P10011.	0.5	95
94	GAMMA 2012: Summary of cosmic ray news and progress. , 2012, , .		0
95	Experimental evidence for the sensitivity of the air-shower radio signal to the longitudinal shower development. Physical Review D, 2012, 85, .	1.6	43
96	Measurement of the Proton-Air Cross Section at $\sqrt{s} = 57$ TeV at the Pierre Auger Observatory. Physical Review Letters, 2012, 109, 062002.	2.9	212
97	Publisher's Note: Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory [Phys. Rev. D84, 122005 (2011)]. Physical Review D, 2012, 85, .	1.6	8
98	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. Astrophysical Journal, 2012, 760, 148.	1.6	27
99	LARGE-SCALE DISTRIBUTION OF ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE $10^{18}$ eV AT THE PIERRE AUGER OBSERVATORY. Astrophysical Journal, Supplement Series, 2012, 203, 34.	3.0	44
100	Searching for soft relativistic jets in core-collapse supernovae with the IceCube optical follow-up program. Astronomy and Astrophysics, 2012, 539, A60.	2.1	40
101	NEUTRINO ANALYSIS OF THE 2010 SEPTEMBER CRAB NEBULA FLARE AND TIME-INTEGRATED CONSTRAINTS ON NEUTRINO EMISSION FROM THE CRAB USING ICECUBE. Astrophysical Journal, 2012, 745, 45.	1.6	13
102	SEARCHES FOR PERIODIC NEUTRINO EMISSION FROM BINARY SYSTEMS WITH 22 AND 40 STRINGS OF ICECUBE. Astrophysical Journal, 2012, 748, 118.	1.6	11
103	TIME-DEPENDENT SEARCHES FOR POINT SOURCES OF NEUTRINOS WITH THE 40-STRING AND 22-STRING CONFIGURATIONS OF ICECUBE. Astrophysical Journal, 2012, 744, 1.	1.6	37
104	The spectrum of high-energy cosmic rays measured with KASCADE-Grande. Astroparticle Physics, 2012, 36, 183-194.	1.9	148
105	Results from KASCADE-Grande. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 217-223.	0.7	1
106	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.	0.7	15
107	OBSERVATION OF ANISOTROPY IN THE GALACTIC COSMIC-RAY ARRIVAL DIRECTIONS AT 400 TeV WITH ICECUBE. Astrophysical Journal, 2012, 746, 33.	1.6	115
108	Radio galaxies of the local universe. Astronomy and Astrophysics, 2012, 544, A18.	2.1	74



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109	Extensive air showers and ultra high-energy cosmic rays: a historical review. <i>European Physical Journal H</i> , 2012, 37, 359-412.	0.5	55
110	Background studies for acoustic neutrino detection at the South Pole. <i>Astroparticle Physics</i> , 2012, 35, 312-324.	1.9	12
111	The design and performance of IceCube DeepCore. <i>Astroparticle Physics</i> , 2012, 35, 615-624.	1.9	222
112	Measurements of the cosmic ray composition with air shower experiments. <i>Astroparticle Physics</i> , 2012, 35, 660-678.	1.9	301
113	On noise treatment in radio measurements of cosmic ray air showers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S238-S241.	0.7	19
114	The LOPES experimentâ€™Recent results, status and perspectives. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S72-S79.	0.7	23
115	Latest results and perspectives of the KASCADE-Grande EAS Facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S150-S156.	0.7	2
116	Investigations of the radio signal of inclined showers with LOPES. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S85-S88.	0.7	0
117	Development of Ultra High-Energy Cosmic Ray Research. , 2012, , 103-141.		0
118	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011, 84, .	1.6	51
119	FPGA Based Signal-Processing for Radio Detection of Cosmic Rays. <i>IEEE Transactions on Nuclear Science</i> , 2011, 58, 1621-1627.	1.2	17
120	Constraints on the extremely-high energy cosmic neutrino flux with the IceCube 2008-2009 data. <i>Physical Review D</i> , 2011, 83, .	1.6	68
121	Search for dark matter from the Galactic halo with the IceCube Neutrino Telescope. <i>Physical Review D</i> , 2011, 84, .	1.6	79
122	Measurement of the atmospheric neutrino energy spectrum from 100ÂGeV to 400ÂTeV with IceCube. <i>Physical Review D</i> , 2011, 83, .	1.6	156
123	Search for a diffuse flux of astrophysical muon neutrinos with the IceCube 40-string detector. <i>Physical Review D</i> , 2011, 84, .	1.6	87
124	Kneelike Structure in the Spectrum of the Heavy Component of Cosmic Rays Observed with KASCADE-Grande. <i>Physical Review Letters</i> , 2011, 107, 171104.	2.9	163
125	OBSERVATION OF ANISOTROPY IN THE ARRIVAL DIRECTIONS OF GALACTIC COSMIC RAYS AT MULTIPLE ANGULAR SCALES WITH IceCube. <i>Astrophysical Journal</i> , 2011, 740, 16.	1.6	103
126	THE EXTENSIVE AIR SHOWER EXPERIMENT KASCADE-GRANDE. <i>International Journal of Modern Physics Conference Series</i> , 2011, 01, 132-139.	0.7	0



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127	TIME-INTEGRATED SEARCHES FOR POINT-LIKE SOURCES OF NEUTRINOS WITH THE 40-STRING IceCube DETECTOR. <i>Astrophysical Journal</i> , 2011, 732, 18.	1.6	126
128	Constraints on high-energy neutrino emission from SN 2008D. <i>Astronomy and Astrophysics</i> , 2011, 527, A28.	2.1	8
129	IceCube sensitivity for low-energy neutrinos from nearby supernovae. <i>Astronomy and Astrophysics</i> , 2011, 535, A109.	2.1	121
130	Thunderstorm observations by air-shower radio antenna arrays. <i>Advances in Space Research</i> , 2011, 48, 1295-1303.	1.2	17
131	The LOPES experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 212-213, 323-328.	0.5	1
132	Measurement of acoustic attenuation in South Pole ice. <i>Astroparticle Physics</i> , 2011, 34, 382-393.	1.9	33
133	Search for neutrino-induced cascades with five years of AMANDA data. <i>Astroparticle Physics</i> , 2011, 34, 420-430.	1.9	22
134	Muon production height studies with the air shower experiment KASCADE-Grande. <i>Astroparticle Physics</i> , 2011, 34, 476-485.	1.9	27
135	Measurement of radio emission from extensive air showers with LOPES. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 171-176.	0.7	3
136	Investigation of the properties of galactic cosmic rays with the KASCADE-Grande experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 222-225.	0.7	1
137	Development of a RICH detector for CBM: simulations and experimental tests. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 639, 294-297.	0.7	32
138	Restoring the azimuthal symmetry of lateral distributions of charged particles in the range of the KASCADE-Grande experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 638, 147-156.	0.7	10
139	The measurement of the cosmic ray primary energy spectrum at $10^{16}$ – $10^{18}$ eV with the KASCADE-Grande experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 212-213, 68-73.	0.5	0
140	First search for atmospheric and extraterrestrial neutrino-induced cascades with the IceCube detector. <i>Physical Review D</i> , 2011, 84, .	1.6	34
141	Limits on Neutrino Emission from Gamma-Ray Bursts with the 40 String IceCube Detector. <i>Physical Review Letters</i> , 2011, 106, 141101.	2.9	85
142	The cosmic ray energy spectrum in the range $10^{16}$ – $10^{18}$ eV measured by KASCADE-Grande. <i>Astrophysics and Space Sciences Transactions</i> , 2011, 7, 229-234.	1.0	13
143	Primary energy reconstruction from the charged particle densities recorded at 500 m distance from shower core with the KASCADE-Grande detector. <i>Astrophysics and Space Sciences Transactions</i> , 2011, 7, 191-194.	1.0	0
144	New measurements of cosmic ray air showers with the digital radio interferometer LOPES. <i>Astrophysics and Space Sciences Transactions</i> , 2011, 7, 303-306.	1.0	6

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145	Primary Energy Spectrum as Reconstructed from S(500) Measurements by KASCADE-Grande. , 2010, , .		0
146	Restoring The Azimuthal Symmetry Of Charged Particle Lateral Density In The Range Of KASCADE-Grande. , 2010, , .		0
147	SEARCH FOR MUON NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE IceCube NEUTRINO TELESCOPE. Astrophysical Journal, 2010, 710, 346-359.	1.6	81
148	Primary Energy Reconstruction from the Charged Particle Densities Recorded with the KASCADE-Grande Detector at 500 m Distance from Shower Core. , 2010, , .		1
149	MEASUREMENT OF THE ANISOTROPY OF COSMIC-RAY ARRIVAL DIRECTIONS WITH ICECUBE. Astrophysical Journal Letters, 2010, 718, L194-L198.	3.0	119
150	Search for relativistic magnetic monopoles with the AMANDA-II neutrino telescope. European Physical Journal C, 2010, 69, 361-378.	1.4	26
151	Lateral distribution of the radio signal in extensive air showers measured with LOPES. Astroparticle Physics, 2010, 32, 294-303.	1.9	72
152	Measuring the radio emission of cosmic ray air showers with LOPES. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 515-516.	0.7	4
153	Calibration and characterization of the IceCube photomultiplier tube. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 618, 139-152.	0.7	211
154	The KASCADE-Grande experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 202-216.	0.7	147
155	Limits on a muon flux from Kaluza-Klein dark matter annihilations in the Sun from the IceCube 22-string detector. Physical Review D, 2010, 81, .	1.6	17
156	Measurement of the Depth of Maximum of Extensive Air Showers above $10^{18}$ eV. Physical Review Letters, 2010, 104, 091101.	2.9	429
157	Search for a Lorentz-violating sidereal signal with atmospheric neutrinos in IceCube. Physical Review D, 2010, 82, .	1.6	76
158	First search for extremely high energy cosmogenic neutrinos with the IceCube Neutrino Observatory. Physical Review D, 2010, 82, .	1.6	28
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160	SEARCH FOR HIGH-ENERGY MUON NEUTRINOS FROM THE "NAKED-EYE" GRB 080319B WITH THE IceCube NEUTRINO TELESCOPE. Astrophysical Journal, 2009, 701, 1721-1731.	1.6	27
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