

# Pedro Abreu

## List of Publications by Year in descending order

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381  
papers

20,230  
citations

22548

61  
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15698

129  
g-index

389  
all docs

389  
docs citations

389  
times ranked

14191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing effects of Lorentz invariance violation in the propagation of astroparticles with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 023.	1.9	5
2	A Search for Photons with Energies Above $2 \times 10^{17}$ eV Using Hybrid Data from the Low-Energy Extensions of the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2022, 933, 125.	1.6	21
3	Design, upgrade and characterization of the silicon photomultiplier front-end for the AMIGA detector at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P01026-P01026.	0.5	13
4	Calibration of the underground muon detector of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P04003.	0.5	5
5	Measurement of the Fluctuations in the Number of Muons in Extensive Air Showers with the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2021, 126, 152002.	2.9	34
6	The FRAM robotic telescope for atmospheric monitoring at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P06027.	0.5	2
7	Deep-learning based reconstruction of the shower maximum $X_{\text{max}}$ using the water-Cherenkov detectors of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P07019.	0.5	16
8	Extraction of the muon signals recorded with the surface detector of the Pierre Auger Observatory using recurrent neural networks. <i>Journal of Instrumentation</i> , 2021, 16, P07016.	0.5	11
9	Design and implementation of the AMIGA embedded system for data acquisition. <i>Journal of Instrumentation</i> , 2021, 16, T07008.	0.5	3
10	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. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	44
11	Measurement of the cosmic-ray energy spectrum above $2.5 \times 10^{18}$ eV using the Pierre Auger Observatory. <i>Physical Review D</i> , 2020, 102, .	1.6	98
12	Features of the Energy Spectrum of Cosmic Rays above $2.5 \times 10^{18}$ eV Using the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2020, 125, 121106.	2.9	79
13	Studies on the response of a water-Cherenkov detector of the Pierre Auger Observatory to atmospheric muons using an RPC hodoscope. <i>Journal of Instrumentation</i> , 2020, 15, P09002-P09002.	0.5	5
14	Direct measurement of the muonic content of extensive air showers between $2 \times 10^{17}$ and $2 \times 10^{18}$ eV at the Pierre Auger Observatory. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	36
15	Reconstruction of events recorded with the surface detector of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2020, 15, P10021-P10021.	0.5	20
16	Search for magnetically-induced signatures in the arrival directions of ultra-high-energy cosmic rays measured at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 017-017.	1.9	10
17	A 3-Year Sample of Almost 1,600 Elves Recorded Above South America by the Pierre Auger Cosmic-Ray Observatory. <i>Earth and Space Science</i> , 2020, 7, e2019EA000582.	1.1	9
18	Cosmic-Ray Anisotropies in Right Ascension Measured by the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2020, 891, 142.	1.6	39

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19	A Search for Ultra-high-energy Neutrinos from TXS 0506+056 Using the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2020, 902, 105.	1.6	13
20	MARTA™s (Muon Array with RPC for Tagging Air showers) DAQ system. , 2020, , .		0
21	Probing the origin of ultra-high-energy cosmic rays with neutrinos in the EeV energy range using the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 022-022.	1.9	64
22	Data-driven estimation of the invisible energy of cosmic ray showers with the Pierre Auger Observatory. <i>Physical Review D</i> , 2019, 100, .	1.6	20
23	Limits on point-like sources of ultra-high-energy neutrinos with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 004-004.	1.9	18
24	Multi-Messenger Physics With the Pierre Auger Observatory. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	1.1	20
25	Measurement of the average shape of longitudinal profiles of cosmic-ray air showers at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 018-018.	1.9	10
26	The Sub-TeV transient Gamma-Ray sky: challenges and opportunities. , 2019, , .		0
27	An Indication of Anisotropy in Arrival Directions of Ultra-high-energy Cosmic Rays through Comparison to the Flux Pattern of Extragalactic Gamma-Ray Sources <sup>*</sup> . <i>Astrophysical Journal Letters</i> , 2018, 853, L29.	3.0	165
28	MARTA: a high-energy cosmic-ray detector concept for high-accuracy muon measurement. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	9
29	Large-scale Cosmic-Ray Anisotropies above 4 EeV Measured by the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2018, 868, 4.	1.6	77
30	Observation of inclined EeV air showers with the radio detector of the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 026-026.	1.9	30
31	Impact of atmospheric effects on the energy reconstruction of air showers observed by the surface detectors of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2017, 12, P02006-P02006.	0.5	8
32	Combined fit of spectrum and composition data as measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 038-038.	1.9	191
33	Multi-resolution anisotropy studies of ultrahigh-energy cosmic rays detected at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 026-026.	1.9	14
34	Muon counting using silicon photomultipliers in the AMIGA detector of the Pierre Auger observatory. <i>Journal of Instrumentation</i> , 2017, 12, P03002-P03002.	0.5	16
35	Search for photons with energies above $10^{18}$ eV using the hybrid detector of the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 009-009.	1.9	49
36	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

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37	Multi-messenger Observations of a Binary Neutron Star Merger <sup>*</sup> . Astrophysical Journal Letters, 2017, 848, L12.	3.0	2,805
38	Spectral calibration of the fluorescence telescopes of the Pierre Auger Observatory. Astroparticle Physics, 2017, 95, 44-56.	1.9	7
39	Observation of a large-scale anisotropy in the arrival directions of cosmic rays above $8 \times 10^{18}$ eV. Science, 2017, 357, 1266-1270.	6.0	261
40	Inferences on mass composition and tests of hadronic interactions from 0.3 to $100 \text{ EeV}$ using the water-Cherenkov detectors of the Pierre Auger Observatory. Physical Review D, 2017, 96, .	1.6	82
41	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	3.0	135
42	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.	0.5	21
43	Ultrahigh-energy neutrino follow-up of gravitational wave events GW150914 and GW151226 with the Pierre Auger Observatory. Physical Review D, 2016, 94, .	1.6	38
44	Questions and Answers in Extreme Energy Cosmic Rays – a guide to explore the data set of the Pierre Auger Observatory. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1271-1275.	0.2	1
45	Evidence for a mixed mass composition at the ankle <sup>™</sup> in the cosmic-ray spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 288-295.	1.5	84
46	Search for ultrarelativistic magnetic monopoles with the Pierre Auger observatory. Physical Review D, 2016, 94, .	1.6	15
47	Azimuthal asymmetry in the risetime of the surface detector signals of the Pierre Auger Observatory. Physical Review D, 2016, 93, .	1.6	21
48	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. Physical Review D, 2016, 93, .	1.6	80
49	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
50	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. Physical Review Letters, 2016, 117, 192001.	2.9	154
51	Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers. Journal of Instrumentation, 2016, 11, P01018-P01018.	0.5	20
52	Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 037-037.	1.9	31
53	Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory. Journal of Instrumentation, 2016, 11, P02012-P02012.	0.5	38
54	The Pierre Auger Cosmic Ray Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 798, 172-213.	0.7	442

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55	Measurement of the cosmic ray spectrum above $4 \times 10^{18}$ eV using inclined events detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 049-049.	1.9	20
56	SEARCHES FOR ANISOTROPIES IN THE ARRIVAL DIRECTIONS OF THE HIGHEST ENERGY COSMIC RAYS DETECTED BY THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 804, 15.	1.6	146
57	Improved limit to the diffuse flux of ultrahigh energy neutrinos from the Pierre Auger Observatory. <i>Physical Review D</i> , 2015, 91, .	1.6	125
58	Muons in air showers at the Pierre Auger Observatory: Mean number in highly inclined events. <i>Physical Review D</i> , 2015, 91, .	1.6	152
59	Search for patterns by combining cosmic-ray energy and arrival directions at the Pierre Auger Observatory. <i>European Physical Journal C</i> , 2015, 75, 269.	1.4	12
60	LARGE SCALE DISTRIBUTION OF ULTRA HIGH ENERGY COSMIC RAYS DETECTED AT THE PIERRE AUGER OBSERVATORY WITH ZENITH ANGLES UP TO $80^\circ$ . <i>Astrophysical Journal</i> , 2015, 802, 111.	1.6	49
61	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above $10^{19}$ eV. <i>Physical Review D</i> , 2014, 90, .	1.6	266
62	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. II. Composition implications. <i>Physical Review D</i> , 2014, 90, .	1.6	213
63	SEARCHES FOR LARGE-SCALE ANISOTROPY IN THE ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE ENERGY OF $10^{19}$ eV AT THE PIERRE AUGER OBSERVATORY AND THE TELESCOPE ARRAY. <i>Astrophysical Journal</i> , 2014, 794, 172.	1.6	72
64	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. <i>Astrophysical Journal</i> , 2014, 789, 160.	1.6	29
65	Reconstruction of inclined air showers detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 019-019.	1.9	49
66	Probing the radio emission from air showers with polarization measurements. <i>Physical Review D</i> , 2014, 89, .	1.6	85
67	Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth. <i>Physical Review D</i> , 2014, 90, .	1.6	69
68	A TARGETED SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal Letters</i> , 2014, 789, L34.	3.0	14
69	Measurement of the electron structure function $F_2^{\text{eAT}}$ at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 737, 39-47.	1.5	0
70	Origin of atmospheric aerosols at the Pierre Auger Observatory using studies of air mass trajectories in South America. <i>Atmospheric Research</i> , 2014, 149, 120-135.	1.8	6
71	Identifying clouds over the Pierre Auger Observatory using infrared satellite data. <i>Astroparticle Physics</i> , 2013, 50-52, 92-101.	1.9	8
72	Electroweak measurements in electron-positron collisions at $W$ -boson-pair energies at LEP. <i>Physics Reports</i> , 2013, 532, 119-244.	10.3	453

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73	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. <i>Advances in High Energy Physics</i> , 2013, 2013, 1-18.	0.5	39
74	Interpretation of the depths of maximum of extensive air showers measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 026-026.	1.9	27
75	CONSTRAINTS ON THE ORIGIN OF COSMIC RAYS ABOVE $10^{18}$ eV FROM LARGE-SCALE ANISOTROPY SEARCHES IN DATA OF THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal Letters</i> , 2013, 762, L13.	3.0	67
76	Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 009-009.	1.9	34
77	SEARCH FOR POINT-LIKE SOURCES OF ULTRA-HIGH ENERGY NEUTRINOS AT THE PIERRE AUGER OBSERVATORY AND IMPROVED LIMIT ON THE DIFFUSE FLUX OF TAU NEUTRINOS. <i>Astrophysical Journal Letters</i> , 2012, 755, L4.	3.0	55
78	Antennas for the detection of radio emission pulses from cosmic-ray induced air showers at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012, 7, P10011-P10011.	0.5	95
79	Measurement of the Proton-Air Cross Section at $\sqrt{s} = 57$ TeV at the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2012, 109, 062002.	2.9	212
80	Publisher's Note: Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory [ <i>Phys. Rev. D</i> 84, 122005 (2011)]. <i>Physical Review D</i> , 2012, 85, .	1.6	8
81	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal</i> , 2012, 760, 148.	1.6	27
82	LARGE-SCALE DISTRIBUTION OF ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE $10^{18}$ eV AT THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 34.	3.0	44
83	A search for anisotropy in the arrival directions of ultra high energy cosmic rays recorded at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 040-040.	1.9	6
84	Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2012, 35, 354-361.	1.9	32
85	Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). <i>Astroparticle Physics</i> , 2012, 35, 591-607.	1.9	66
86	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011, 84, .	1.6	51
87	Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	1.9	9
88	The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 35, 266-276.	1.9	16
89	Search for single top quark production via contact interactions at LEP2. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	5
90	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Pole. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	33

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91	The exposure of the hybrid detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 368-381.	1.9	54
92	Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 627-639.	1.9	73
93	Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 635, 92-102.	0.7	52
94	The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	1.9	24
95	Measurements of CP-conserving trilinear gauge boson couplings $WWV$ ( $V = \gamma, Z$ ) in $e^+e^-$ collisions at LEP2. <i>European Physical Journal C</i> , 2010, 66, 35-56.	1.4	20
96	Study of the dependence of direct soft photon production on the jet characteristics in hadronic $Z^0$ decays. <i>European Physical Journal C</i> , 2010, 67, 343-366.	1.4	33
97	A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2010, 33, 108-129.	1.9	84
98	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. <i>Astroparticle Physics</i> , 2010, 34, 314-326.	1.9	270
99	Trigger and aperture of the surface detector array of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 613, 29-39.	0.7	151
100	Measurement of the energy spectrum of cosmic rays above 1018 eV using the Pierre Auger Observatory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 685, 239-246.	1.5	357
101	The fluorescence detector of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 620, 227-251.	0.7	275
102	Measurement of the Depth of Maximum of Extensive Air Showers above $10^{18}$ eV. <i>Physical Review Letters</i> , 2010, 104, 091101.	2.9	429
103	Inclusive single-particle production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 444-449.	1.5	1
104	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. <i>Astroparticle Physics</i> , 2009, 32, 89-99.	1.9	43
105	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2009, 31, 399-406.	1.9	117
106	Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2009, 60, 17-23.	1.4	53
107	A study of $b\bar{b}$ production in $e^+e^-$ collisions at $\sqrt{s} = 130$ GeV. <i>European Physical Journal C</i> , 2009, 60, 1-15.	1.4	11
108	Correlations between polarisation states of $W$ particles in the reaction $e^+e^- \rightarrow e^+W^-W^+$ at LEP2 energies 189-209 GeV. <i>European Physical Journal C</i> , 2009, 63, 611-623.	1.4	1

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109	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. <i>Physical Review D</i> , 2009, 79, .	1.6	99
110	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. <i>Astroparticle Physics</i> , 2008, 29, 188-204.	1.9	305
111	Measurement of the tau lepton polarisation at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 659, 65-73.	1.5	0
112	Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2008, 29, 243-256.	1.9	161
113	Higgs boson searches in CP-conserving and CP-violating MSSM scenarios with the DELPHI detector. <i>European Physical Journal C</i> , 2008, 54, 1.	1.4	3
114	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e+e-\hat{+}W+W-$ at LEP 2. <i>European Physical Journal C</i> , 2008, 54, 345-364.	1.4	41
115	Measurement of the mass and width of the W boson in $e+e-$ collisions at $\sqrt{s} = 161\text{--}209$ GeV. <i>European Physical Journal C</i> , 2008, 55, 1.	1.4	52
116	Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2008, 55, 525-538.	1.4	17
117	Di-jet production in $\hat{+}\hat{+}$ collisions at LEP2. <i>European Physical Journal C</i> , 2008, 58, 531-541.	1.4	1
118	Observation of the muon inner bremsstrahlung at LEP1. <i>European Physical Journal C</i> , 2008, 57, 499-514.	1.4	16
119	Observation of the Suppression of the Flux of Cosmic Rays above $4 \times 10^{19}$ eV. <i>Physical Review Letters</i> , 2008, 101, 061101.	2.9	500
120	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2008, 100, 211101.	2.9	141
121	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. <i>Science</i> , 2007, 318, 938-943.	6.0	647
122	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , 2007, 28, 273-286.	1.9	47
123	Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 653, 151-160.	1.5	5
124	Search for a fourth generation $b^c$ -quark at LEP-II at $\sqrt{s} = 196\text{--}209$ GeV. <i>European Physical Journal C</i> , 2007, 50, 507-518.	1.4	4
125	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. <i>European Physical Journal C</i> , 2007, 51, 249.	1.4	15
126	$Z^0$ production in $e+e-$ interactions at $\sqrt{s} = 183\text{--}209$ GeV. <i>European Physical Journal C</i> , 2007, 51, 503-523.	1.4	3



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127	Study of triple-gauge-boson couplings $ZZZ$ , $ZZ\hat{1}^3$ and $Z\hat{1}^3\hat{1}^3$ at LEP. European Physical Journal C, 2007, 51, 525-542.	1.4	24
128	Search for $\chi^0 \rightarrow \gamma^* \rightarrow e^+e^-$ at LEP. European Physical Journal C, 2007, 51, 543-553.	1.5	11
129	Search for $\chi^{\pm 0} \rightarrow e^+e^-$ at LEP. European Physical Journal C, 2007, 51, 554-564.	1.5	3
130	Study of leading hadrons in gluon and quark fragmentation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 643, 147-157.	1.5	6
131	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
132	Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. European Physical Journal C, 2006, 45, 35-59.	1.4	36
133	Single intermediate vector boson production in $e^+e^-$ collisions at $\sqrt{s} = 183$ -209 GeV. European Physical Journal C, 2006, 45, 273-289.	1.4	49
134	Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. European Physical Journal C, 2006, 45, 589-632.	1.4	39
135	A measurement of the tau hadronic branching ratios. European Physical Journal C, 2006, 46, 1-26.	1.4	7
136	Study of double-tagged $\hat{1}^3$ events at LEP. European Physical Journal C, 2006, 46, 559-568.	1.4	2
137	Determination of the b quark mass at the MZ scale with the DELPHI detector at LEP. European Physical Journal C, 2006, 46, 569-583.	1.4	15
138	Search for excited leptons in $e^+e^-$ collisions at $\sqrt{s} = 189$ -209 GeV. European Physical Journal C, 2006, 46, 277.	1.4	13
139	A determination of the centre-of-mass energy at LEP2 using radiative two-fermion events. European Physical Journal C, 2006, 46, 295-305.	1.4	7
140	Evidence for an excess of soft photons in hadronic decays of Z0. European Physical Journal C, 2006, 47, 273-294.	1.4	42
141	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
142	Coherent soft particle production in Z decays into three jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 37-48.	1.5	5
143	Photon events with missing energy in $e^+e^-$ collisions at $\sqrt{s} = 130$ to 209 GeV. European Physical Journal C, 2005, 38, 395-411.	1.4	156
144	Measurement of the energy dependence of hadronic jet rates and the strong coupling $\alpha_s$ from the four-jet rate with the DELPHI detector at LEP. European Physical Journal C, 2005, 38, 413-426.	1.4	11

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145	Determination of $A_{FB}^b$ at the Z pole using inclusive charge reconstruction and lifetime tagging. European Physical Journal C, 2005, 40, 1-25.	1.4	4
146	Flavour independent searches for hadronically decaying neutral Higgs bosons. European Physical Journal C, 2005, 44, 147-159.	1.4	9
147	Bose-Einstein Correlations in $W^+ W^-$ events at LEP2. European Physical Journal C, 2005, 44, 161-174.	1.4	10
148	Production of $\chi_{c^0}$ and $\chi_b$ in Z decays and lifetime measurement of $\chi_b$ . European Physical Journal C, 2005, 44, 299-309.	1.4	11
149	Charged particle multiplicity in three-jet events and two-gluon systems. European Physical Journal C, 2005, 44, 311-331.	1.4	5
150	Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. European Physical Journal C, 2004, 32, 145-183.	1.4	36
151	b-tagging in DELPHI at LEP. European Physical Journal C, 2004, 32, 185-208.	1.4	53
152	Measurement of $ V_{cb} $ using the semileptonic decay $\overline{B^0} \rightarrow D^+ e^- \overline{\nu}_e$ . European Physical Journal C, 2004, 33, 213-232.	1.4	24
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