

# Mario J M Pimenta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3635921/publications.pdf>

Version: 2024-02-01

290  
papers

17,982  
citations

30551

56  
h-index

15698

129  
g-index

297  
all docs

297  
docs citations

297  
times ranked

14260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tackling the muon identification in water Cherenkov detectors problem for the future Southern Wide-field Gamma-ray Observatory by means of machine learning. <i>Neural Computing and Applications</i> , 2022, 34, 5715.	3.2	1
2	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
3	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle h \langle \text{mml:mi} \rangle$ A new variable for $\hat{\Gamma}^3/h$ discrimination in large gamma-ray ground arrays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 827, 136969.	1.5	1
4	New methods to reconstruct $X_{\text{max}}$ and the energy of gamma-ray air showers with high accuracy in large wide-field observatories. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	1
5	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
6	Calibration of the underground muon detector of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P04003.	0.5	5
7	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
8	Muon identification in a compact single-layered water Cherenkov detector and gamma/hadron discrimination using machine learning techniques. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	8
9	Design and implementation of the AMIGA embedded system for data acquisition. <i>Journal of Instrumentation</i> , 2021, 16, T07008.	0.5	3
10	Gamma-ray burst detection prospects for next generation ground-based VHE facilities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 671-679.	1.6	4
11	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
12	Probing Gamma-Ray Burst VHE Emission with the Southern Wide-Field-of-View Gamma-Ray Observatory. <i>Galaxies</i> , 2021, 9, 98.	1.1	0
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	Using Convolutional Neural Networks for Muon detection in WCD tank. <i>Journal of Physics: Conference Series</i> , 2020, 1603, 012024.	0.3	4
16	Detection of very-high-energy gamma-ray transients with monitoring facilities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3142-3148.	1.6	5
17	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
18	Cosmic-Ray Anisotropies in Right Ascension Measured by the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2020, 891, 142.	1.6	39

#	ARTICLE	IF	CITATIONS
19	Long term experience in Autonomous Stations and production quality control. Journal of Instrumentation, 2019, 14, C07002-C07002.	0.5	6
20	Design and expected performance of a novel hybrid detector for very-high-energy gamma-ray astrophysics. Astroparticle Physics, 2018, 99, 34-42.	1.9	18
21	MARTA: a high-energy cosmic-ray detector concept for high-accuracy muon measurement. European Physical Journal C, 2018, 78, 1.	1.4	9
22	Large-scale Cosmic-Ray Anisotropies above 4 EeV Measured by the Pierre Auger Observatory. Astrophysical Journal, 2018, 868, 4.	1.6	77
23	Introduction to Particle and Astroparticle Physics. Undergraduate Lecture Notes in Physics, 2018, , .	0.1	16
24	Impact of atmospheric effects on the energy reconstruction of air showers observed by the surface detectors of the Pierre Auger Observatory. Journal of Instrumentation, 2017, 12, P02006-P02006.	0.5	8
25	Multi-resolution anisotropy studies of ultrahigh-energy cosmic rays detected at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 026-026.	1.9	14
26	Muon counting using silicon photomultipliers in the AMIGA detector of the Pierre Auger observatory. Journal of Instrumentation, 2017, 12, P03002-P03002.	0.5	16
27	Search for photons with energies above $10^{18}$ eV using the hybrid detector of the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 009-009.	1.9	49
28	A Targeted Search for Point Sources of EeV Photons with the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 837, L25.	3.0	21
29	Multi-messenger Observations of a Binary Neutron Star Merger <sup>*</sup> . Astrophysical Journal Letters, 2017, 848, L12.	3.0	2,805
30	Spectral calibration of the fluorescence telescopes of the Pierre Auger Observatory. Astroparticle Physics, 2017, 95, 44-56.	1.9	7
31	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
32	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
33	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
34	LATTES: a new gamma-ray detector concept for South America. EPJ Web of Conferences, 2017, 136, 03013.	0.1	3
35	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
36	Outdoor field experience with autonomous RPC based stations. Journal of Instrumentation, 2016, 11, C09011-C09011.	0.5	9

#	ARTICLE	IF	CITATIONS
37	Ultrahigh-energy neutrino follow-up of gravitational wave events GW150914 and GW151226 with the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 94, .	1.6	38
38	Evidence for a mixed mass composition at the "ankle"™ in the cosmic-ray spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 288-295.	1.5	84
39	Search for ultrarelativistic magnetic monopoles with the Pierre Auger observatory. <i>Physical Review D</i> , 2016, 94, .	1.6	15
40	Interpretation of measurements of the number of muons in extensive air shower experiments. <i>Astroparticle Physics</i> , 2016, 83, 40-52.	1.9	4
41	Azimuthal asymmetry in the risetime of the surface detector signals of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 93, .	1.6	21
42	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 93, .	1.6	80
43	Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. <i>Physical Review Letters</i> , 2016, 116, 241101.	2.9	91
44	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2016, 117, 192001.	2.9	154
45	Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers. <i>Journal of Instrumentation</i> , 2016, 11, P01018-P01018.	0.5	20
46	A large area TOF-tracker device based on multi-gap Resistive Plate Chambers. <i>Journal of Instrumentation</i> , 2016, 11, C10002-C10002.	0.5	4
47	Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2016, 11, P02012-P02012.	0.5	38
48	The Pierre Auger Cosmic Ray Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 798, 172-213.	0.7	442
49	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
50	The average longitudinal air shower profile: exploring the shape information. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012087.	0.3	4
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Messengers of the High Energy Universe. Springer Proceedings in Physics, 2015, , 283-335.	0.1	0
56	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above $10^{19}$ eV at the Pierre Auger Observatory and the Telescope Array. Physical Review D, 2014, 90, .	1.6	266
57	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. II. Composition implications. Physical Review D, 2014, 90, .	1.6	213
58	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. Astrophysical Journal, 2014, 794, 172.	1.6	72
59	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. Astrophysical Journal, 2014, 789, 160.	1.6	29
60	Simulation of Single Event Effects and Rate Prediction: CODES an ESA Tool. , 2014, , .		2
61	Reconstruction of inclined air showers detected with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 019-019.	1.9	49
62	Probing the radio emission from air showers with polarization measurements. Physical Review D, 2014, 89, .	1.6	85
63	A TARGETED SEARCH FOR POINT SOURCES OF EeV NEUTRONS. Astrophysical Journal Letters, 2014, 789, L34.	3.0	14
64	Resistive Plate Chambers for the Pierre Auger array upgrade. Journal of Instrumentation, 2014, 9, C10023-C10023.	0.5	12
65	Measurement of the electron structure function $F_2^{\text{eAT}}$ at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 39-47.	1.5	0
66	Origin of atmospheric aerosols at the Pierre Auger Observatory using studies of air mass trajectories in South America. Atmospheric Research, 2014, 149, 120-135.	1.8	6
67	Identifying clouds over the Pierre Auger Observatory using infrared satellite data. Astroparticle Physics, 2013, 50-52, 92-101.	1.9	8
68	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	10.3	453
69	Study of standalone RPC detectors for cosmic ray experiments in outdoor environment. Journal of Instrumentation, 2013, 8, T03004-T03004.	0.5	9
70	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. Advances in High Energy Physics, 2013, 2013, 1-18.	0.5	39
71	Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 009-009.	1.9	34
72	FAMOUS – A prototype silicon photomultiplier telescope for the fluorescence detection of ultra-high-energy cosmic rays. EPJ Web of Conferences, 2013, 53, 08015.	0.1	2

#	ARTICLE	IF	CITATIONS
73	The interplay between the electromagnetic and the muonic longitudinal profile at production. EPJ Web of Conferences, 2013, 52, 03004.	0.1	0
74	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. Astrophysical Journal Letters, 2012, 755, L4.	3.0	55
75	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
76	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
77	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. Astrophysical Journal, 2012, 760, 148.	1.6	27
78	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
79	FAMOUS: a prototype silicon-photomultiplier telescope for the fluorescence detection of ultra-high-energy cosmic rays. , 2012, , .		0
80	Modeling the effects of low-LET cosmic rays on electronic components. Radiation and Environmental Biophysics, 2012, 51, 245-254.	0.6	6
81	A search for anisotropy in the arrival directions of ultra high energy cosmic rays recorded at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 040-040.	1.9	6
82	Proton-proton cross-sections: The interplay between density and radius. Nuclear Physics A, 2012, 888, 58-66.	0.6	7
83	A model for the transport of muons in extensive air showers. Astroparticle Physics, 2012, 36, 211-223.	1.9	31
84	R&D in photosensors and data acquisition systems for a new generation of Cosmic Ray Cherenkov and Fluorescence Imaging focal planes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 365-368.	0.7	0
85	Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. Astroparticle Physics, 2012, 35, 354-361.	1.9	32
86	Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). Astroparticle Physics, 2012, 35, 591-607.	1.9	66
87	The muonic longitudinal shower profiles at production. Astroparticle Physics, 2012, 35, 821-827.	1.9	15
88	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. Physical Review D, 2011, 84, .	1.6	51
89	Validation of the component degradation simulation tool (CODES). , 2011, , .		2
90	Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 022-022.	1.9	9

#	ARTICLE	IF	CITATIONS
91	GETFOCOS for imaging atmospheric Cherenkov telescopes – A GEant4 tool for optimization and characterization of an optical system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 282-288.	0.7	4
92	The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory. Astroparticle Physics, 2011, 35, 266-276.	1.9	16
93	Search for single top quark production via contact interactions at LEP2. European Physical Journal C, 2011, 71, 1.	1.4	5
94	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Pole. European Physical Journal C, 2011, 71, 1.	1.4	33
95	The exposure of the hybrid detector of the Pierre Auger Observatory. Astroparticle Physics, 2011, 34, 368-381.	1.9	54
96	Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory. Astroparticle Physics, 2011, 34, 627-639.	1.9	73
97	Mass composition and cross-section from the shape of cosmic ray shower longitudinal profiles. Astroparticle Physics, 2011, 34, 360-367.	1.9	27
98	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.	0.7	52
99	The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 022-022.	1.9	24
100	Multiple scattering measurement with laser events. Astrophysics and Space Sciences Transactions, 2011, 7, 383-386.	1.0	1
101	ISOTOPIC COMPOSITION OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2011, 736, 105.	1.6	37
102	RELATIVE COMPOSITION AND ENERGY SPECTRA OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2010, 724, 329-340.	1.6	50
103	Measurements of CP-conserving trilinear gauge boson couplings $WWV$ ( $V=1,3,Z$ ) in $e+e\rightarrow\gamma\gamma$ collisions at LEP2. European Physical Journal C, 2010, 66, 35-56.	1.4	20
104	Study of the dependence of direct soft photon production on the jet characteristics in hadronic $Z^0$ decays. European Physical Journal C, 2010, 67, 343-366.	1.4	33
105	A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory. Astroparticle Physics, 2010, 33, 108-129.	1.9	84
106	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. Astroparticle Physics, 2010, 34, 314-326.	1.9	270
107	Trigger and aperture of the surface detector array of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 613, 29-39.	0.7	151
108	Measurement of the energy spectrum of cosmic rays above 1018 eV using the Pierre Auger Observatory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 239-246.	1.5	357

#	ARTICLE	IF	CITATIONS
109	In-beam aerogel light yield characterization for the AMS RICH detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 237-249.	0.7	38
110	The fluorescence detector of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 227-251.	0.7	275
111	Measurement of the Depth of Maximum of Extensive Air Showers above $10^{18}$ cm. Physical Review Letters, 2010, 104, 091101.	2.9	429
112	Inclusive single-particle production in two-photon collisions at LEP II with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 444-449.	1.5	1
113	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. Astroparticle Physics, 2009, 32, 89-99.	1.9	43
114	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. Astroparticle Physics, 2009, 31, 399-406.	1.9	117
115	Search for one large extra dimension with the DELPHI detector at LEP. European Physical Journal C, 2009, 60, 17-23.	1.4	53
116	A study of $b\bar{b}$ production in $e^+e^-$ collisions at $\sqrt{s}=130$ GeV. European Physical Journal C, 2009, 60, 1-15.	1.4	11
117	A model for net-baryon rapidity distribution. European Physical Journal C, 2009, 61, 391-399.	1.4	3
118	Correlations between polarisation states of W particles in the reaction $e^+e^- \rightarrow e^+W^-W^+e^-$ at LEP2 energies 189-209 GeV. European Physical Journal C, 2009, 63, 611-623.	1.4	1
119	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. Physical Review D, 2009, 79, .	1.6	99
120	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. Astroparticle Physics, 2008, 29, 188-204.	1.9	305
121	Measurement of the tau lepton polarisation at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 65-73.	1.5	0
122	Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. Astroparticle Physics, 2008, 29, 243-256.	1.9	161
123	Temperature-dependent quenching of UV fluorescence of N2. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 597, 75-82.	0.7	11
124	Higgs boson searches in CP-conserving and CP-violating MSSM scenarios with the DELPHI detector. European Physical Journal C, 2008, 54, 1.	1.4	3
125	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP 2. European Physical Journal C, 2008, 54, 345-364.	1.4	41
126	Measurement of the mass and width of the W boson in $e^+e^-$ collisions at $\sqrt{s} = 161$ GeV. European Physical Journal C, 2008, 55, 1.	1.4	52



#	ARTICLE	IF	CITATIONS
127	Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. European Physical Journal C, 2008, 55, 525-538.	1.4	17
128	Di-jet production in $\hat{\nu}^3 \hat{\nu}^3$ collisions at LEP2. European Physical Journal C, 2008, 58, 531-541.	1.4	1
129	Observation of the muon inner bremsstrahlung at LEP1. European Physical Journal C, 2008, 57, 499-514.	1.4	16
130	Observation of the Suppression of the Flux of Cosmic Rays above $4 \times 10^{19}$ eV. Physical Review Letters, 2008, 101, 061101.	2.8	500
131	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. Physical Review Letters, 2008, 100, 211101.	2.9	141
132	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. Science, 2007, 318, 938-943.	6.0	647
133	Percolation and high energy cosmic rays above 1017eV. Astroparticle Physics, 2007, 27, 271-277.	1.9	5
134	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. Astroparticle Physics, 2007, 28, 273-286.	1.9	47
135	Extensive air showers and diffused Cherenkov light detection: The ULTRA experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 22-35.	0.7	5
136	Cosmic-ray positron fraction measurement from 1 to 30 GeV with AMS-01. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 145-154.	1.5	269
137	Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 151-160.	1.5	5
138	A Geant4 Based Engineering Tool for Fresnel Lenses. IEEE Transactions on Nuclear Science, 2007, 54, 313-319.	1.2	2
139	Search for a fourth generation $b^c$ -quark at LEP-II at $\sqrt{s} = 196$ GeV. European Physical Journal C, 2007, 50, 507-518.	1.4	4
140	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. European Physical Journal C, 2007, 51, 249.	1.4	15
141	$Z^0$ production in e+e- interactions at $\sqrt{s} = 183-209$ GeV. European Physical Journal C, 2007, 51, 503-523.	1.4	3
142	Study of triple-gauge-boson couplings ZZZ, ZZ $\hat{\nu}^3$ and Z $\hat{\nu}^3\hat{\nu}^3$ at LEP. European Physical Journal C, 2007, 51, 525-542.	1.4	24
143	Gravitational diffraction radiation. Physical Review D, 2006, 74, .	1.6	3
144	Search for $\mu^c$ quark. Physical Review Letters, 2006, 96, 111801.	1.5	11

#	ARTICLE	IF	CITATIONS
145	lifetimes and production rates of $\tau$ leptons. Physics Letters B, 2006, 643, 147-157.	1.5	3
146	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
147	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
148	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
149	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
150	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
151	A measurement of the tau hadronic branching ratios. European Physical Journal C, 2006, 46, 1-26.	1.4	7
152	Study of double-tagged $\tau^+\tau^-$ events at LEP II. European Physical Journal C, 2006, 46, 559-568.	1.4	2
153	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
154	Search for excited leptons in $e^+e^-$ collisions at $\sqrt{s} = 189-209$ GeV. European Physical Journal C, 2006, 46, 277.	1.4	13
155	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
156	Evidence for an excess of soft photons in hadronic decays of $Z^0$ . European Physical Journal C, 2006, 47, 273-294.	1.4	42
157	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
158	Prototype study of the Cherenkov imager of the AMS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 560, 291-302.	0.7	22
159	Characteristics and Performance of the GAW Experiment for a Large Field of View Cherenkov Gamma-ray Telescope. Research in Astronomy and Astrophysics, 2006, 6, 369-372.	1.1	1
160	The sensitivity of cosmic ray air shower experiments for excited lepton and leptoquark detection. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 609-628.	1.4	1
161	Percolation Effects in Very-High-Energy Cosmic Rays. Physical Review Letters, 2006, 96, 162001.	2.9	14
162	FRONTIERS OF HIGH ENERGY COSMIC RAYS. , 2006, , 255-261.		0

#	ARTICLE	IF	CITATIONS
163	AMS " A MAGNETIC SPECTROMETER ON THE INTERNATIONAL SPACE STATION. , 2006, , .		0
164	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
165	A study of cosmic ray secondaries induced by the Mir space station using AMS-01. Nuclear Instruments & Methods in Physics Research B, 2005, 234, 321-332.	0.6	2
166	Microscopic black hole detection in UHECR: the double bang signature. Astroparticle Physics, 2005, 22, 399-407.	1.9	12
167	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
168	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
169	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
170	Flavour independent searches for hadronically decaying neutral Higgs bosons. European Physical Journal C, 2005, 44, 147-159.	1.4	9
171	Bose-Einstein Correlations in $W^+W^-$ events at LEP2. European Physical Journal C, 2005, 44, 161-174.	1.4	10
172	Charged particle multiplicity in three-jet events and two-gluon systems. European Physical Journal C, 2005, 44, 311-331.	1.4	5
173	MICROSCOPIC BLACK HOLE DETECTION IN UHECR: THE DOUBLE BANG SIGNATURE. International Journal of Modern Physics A, 2005, 20, 6875-6877.	0.5	1
174	DIFFUSED "ERENKOV LIGHT MEASUREMENTS FOR THE EUSO PROJECT. International Journal of Modern Physics A, 2005, 20, 6906-6908.	0.5	1
175	A model for Mars radiation environment characterization. IEEE Transactions on Nuclear Science, 2005, 52, 2287-2293.	1.2	17
176	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
177	b-tagging in DELPHI at LEP. European Physical Journal C, 2004, 32, 185-208.	1.4	53
178	Measurement of $ V_{cb} $ using the semileptonic decay $\overline{B}^0 \rightarrow \overline{D}^* \ell^+ \nu_{\ell}$ . European Physical Journal C, 2004, 33, 213-232.	1.4	24
179	A precise measurement of the $B^+$ , $B^0$ and mean b-hadron lifetime with the DELPHI detector at LEP I. European Physical Journal C, 2004, 33, 307-324.	1.4	8
180	Measurement of the forward-backward asymmetries of $e^+e^- \rightarrow Z \rightarrow b\overline{b}$ and $e^+e^- \rightarrow Z \rightarrow c\overline{c}$ using prompt leptons. European Physical Journal C, 2004, 34, 109-125.	1.4	8

#	ARTICLE	IF	CITATIONS
181	Measurement of the W-pair production cross-section and W branching ratios in $e^+e^-$ collisions at $\sqrt{s} = 161\text{-}209$ GeV. European Physical Journal C, 2004, 34, 127-144.	1.4	30
182	Search for SUSY in the AMSB scenario with the DELPHI detector. European Physical Journal C, 2004, 34, 145-156.	1.4	14
183	Search for charged Higgs bosons at LEP in general two Higgs doublet models. European Physical Journal C, 2004, 34, 399-418.	1.4	87
184	Search for $B^0_s - \overline{B^0_s}$ oscillations in DELPHI using high-p $t$ leptons. European Physical Journal C, 2004, 35, 35-52.	1.4	8
185	Study of tau-pair production in photon-photon collisions at LEP and limits on the anomalous electromagnetic moments of the tau lepton. European Physical Journal C, 2004, 35, 159-170.	1.4	118
186	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. European Physical Journal C, 2004, 35, 313-324.	1.4	24
187	Search for supersymmetric particles assuming R-parity non-conservation in $e^+e^-$ collisions at $\sqrt{s} = 192$ to 208 GeV. European Physical Journal C, 2004, 36, 1-23.	1.4	25
188	The measurement of $\alpha_s$ from event shapes with the DELPHI detector at the highest LEP energies. European Physical Journal C, 2004, 37, 1-23.	1.4	31
189	A precise measurement of the tau lifetime. European Physical Journal C, 2004, 36, 283-296.	1.4	11
190	Determination of the $e^+e^- \rightarrow \gamma\gamma$ cross-section at LEP 2. European Physical Journal C, 2004, 37, 405-419.	1.4	10
191	Searches for neutral Higgs bosons in extended models. European Physical Journal C, 2004, 38, 1-28.	1.4	96
192	In-beam tests of the AMS RICH prototype with secondary ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 525, 126-131.	0.7	15
193	Measurement of the $\hat{b}0$ decay form factor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 63-84.	1.5	28
194	Search for single top production via FCNC at LEP at $\hat{s} = 189\text{--}208$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 21-34.	1.5	39
195	Applications of GEANT4 in astroparticle experiments. IEEE Transactions on Nuclear Science, 2004, 51, 1373-1377.	1.2	3
196	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. European Physical Journal C, 2004, 32, 475-492.	1.4	35
197	Search for an LSP gluino at LEP with the DELPHI detector. European Physical Journal C, 2003, 26, 505-525.	1.4	12
198	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. European Physical Journal C, 2003, 27, 153-172.	1.4	26

#	ARTICLE	IF	CITATIONS
199	Search for resonant $\Upsilon$ production at $\sqrt{s} = 183$ to 208 GeV. European Physical Journal C, 2003, 28, 15-26.	1.4	9
200	Search for $B^0_s$ oscillations and a measurement of $B^0_d$ oscillations using events with an inclusively reconstructed vertex. European Physical Journal C, 2003, 28, 155-173.	1.4	21
201	A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. European Physical Journal C, 2003, 29, 285-312.	1.4	77
202	ZZ production in $e^+e^-$ interactions at $\sqrt{s} = 183$ -209 GeV. European Physical Journal C, 2003, 30, 447-466.	1.4	22
203	Measurement of the $e^+e^- \rightarrow W^+W^-\gamma$ cross-section and limits on anomalous quartic gauge couplings with DELPHI. European Physical Journal C, 2003, 31, 139-147.	1.4	32
204	Searches for supersymmetric particles in $e^+e^-$ collisions up to 208 GeV and interpretation of the results within the MSSM. European Physical Journal C, 2003, 31, 421-479.	1.4	221
205	The $\eta_c(2980)$ formation in two-photon collisions at LEP energies. European Physical Journal C, 2003, 31, 481-489.	1.4	6
206	A measurement of the branching fractions of the b-quark into charged and neutral b-hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 29-42.	1.5	17
207	Measurement of inclusive $f_1(1285)$ and $f_1(1420)$ production in Z decays with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 569, 129-139.	1.5	7
208	Cherenkov angle and charge reconstruction with the RICH detector of the AMS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 502, 310-314.	0.7	6
209	Search for doubly charged Higgs bosons at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 552, 127-137.	1.5	63
210	Inclusive $b$ decays to wrong sign charmed mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 26-40.	1.5	3
211	Study of inclusive $J/\psi$ production in two-photon collisions at LEP with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 76-86.	1.5	37
212	GEANT4 applications for astroparticle experiments. , 2003, , .		0
213	VELOCITY RECONSTRUCTION WITH THE RICH DETECTOR OF THE AMS EXPERIMENT. , 2003, , .		0
214	ELECTRIC CHARGE RECONSTRUCTION WITH RICH DETECTOR OF THE AMS EXPERIMENT. , 2003, , .		0
215	Searches for neutral Higgs bosons in $e^+e^-$ collisions from $\sqrt{s} = 191.6$ to 201.7 GeV. European Physical Journal C, 2002, 23, 409-435.	1.4	9
216	The Alpha Magnetic Spectrometer (AMS). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 119-122.	0.7	37

#	ARTICLE	IF	CITATIONS
217	The Alpha Magnetic Spectrometer (AMS) on the International Space Station: Part I “ results from the test flight on the space shuttle. Physics Reports, 2002, 366, 331-405.	10.3	366
218	Search for charged Higgs bosons in $e^+e^-$ collisions at $s=189\text{--}202\text{ GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 17-28.	1.5	12
219	Measurement of the ZZ cross-section in $e^+e^-$ interactions at $183\text{--}189\text{ GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 199-213.	1.5	6
220	Search for R-parity violation with a coupling at $\text{GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 22-36.	1.5	13
221	Search for the Standard Model Higgs boson at LEP in the year 2000. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 23-37.	1.5	65
222	Search for a fermiophobic Higgs at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 89-103.	1.5	25
223	Measurement of $V_{cb}$ from the decay process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 55-74.	1.5	35
224	Single intermediate vector boson production in $e^+e^-$ collisions at $s=183$ and $189\text{ GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 238-254.	1.5	8
225	Measurement of the branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 407-428.	1.5	13
226	Inclusive $\hat{\chi}^{\pm}$ and $\hat{\chi}(1520)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 429-447.	1.5	11
227	Leptons in near earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 484, 10-22.	1.5	224
228	Rapidity-rank structure of pairs in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 61-70.	1.5	3
229	Cosmic protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 27-35.	1.5	242
230	Determination of the $e^+e^- \rightarrow \tau^+\tau^-\hat{\chi}^0(1^3)$ cross-section at centre-of-mass energies ranging from 189 GeV to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 67-80.	1.5	15
231	Helium in near Earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 193-202.	1.5	145
232	Search for the sgoldstino at from 189 to $202\text{ GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 203-214.	1.5	7
233	Protons in near earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 215-226.	1.5	175
234	Search for antihelium in cosmic rays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 387-396.	1.5	114

#	ARTICLE	IF	CITATIONS
235	The estimation of the effective centre-of-mass energy in $q$ events from DELPHI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 427, 487-494.	0.7	25
236	The small angle tile calorimeter in the DELPHI experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 106-139.	0.7	22
237	Performance of a shashlik calorimeter at LEP II. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 220-225.	0.5	0
238	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. European Physical Journal C, 1999, 6, 385-401.	1.4	5
239	Search for pair-produced neutralinos in events with photons and missing energy from $e^+e^-$ collisions at $\sqrt{s} = 130 - 183$ GeV. European Physical Journal C, 1999, 6, 371-384.	1.4	4
240	Search for pair-produced neutralinos in events with photons and missing energy from. European Physical Journal C, 1999, 6, 371.	1.4	5
241	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. European Physical Journal C, 1999, 6, 385.	1.4	7
242	Search for charginos, neutralinos and gravitinos at LEP. European Physical Journal C, 1998, 1, 1.	1.4	14
243	Search for charginos, neutralinos and gravitinos at LEP. European Physical Journal C, 1998, 1, 1-20.	1.4	57
244	Performance of the new high precision luminosity monitor of DELPHI. Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 273-278.	0.5	0
245	Performance of the DELPHI small angle tile calorimeter. IEEE Transactions on Nuclear Science, 1996, 43, 1496-1500.	1.2	1
246	Search for high mass $\tilde{\chi}_1^0$ resonances in $e^+e^- \rightarrow e^+e^- \gamma \gamma$ , $e^+e^- \rightarrow u \bar{u} \gamma \gamma$ and $e^+e^- \rightarrow q \bar{q} \gamma \gamma$ at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 179-190.	1.5	3
247	Study of rare decays with the DELPHI detector at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 207-220.	1.5	26
248	A precise measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 448-460.	1.5	16
249	Search for exclusive decays of the $\Lambda_b$ baryon and measurement of its mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 351-361.	1.5	26
250	Search for the lightest chargino at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 323-336.	1.5	16
251	Search for neutralinos, scalar leptons and scalar quarks in $e^+e^-$ interactions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 651-666.	1.5	14
252	Performance of the DELPHI detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 378, 57-100.	0.7	294

#	ARTICLE	IF	CITATIONS
253	An upper limit for $\text{Br}(Z^0 \rightarrow ggg)$ from symmetric 3-jet $Z^0$ hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 405-415.	1.5	1
254	Mean lifetime of the $B_s^0$ meson. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 11-30.	1.5	2
255	Measurement of the $B^0 \rightarrow d$ oscillation frequency using kaons, leptons and jet charge. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 17-30.	1.5	3
256	A silicon pad shower maximum detector for a shashlik calorimeter. Nuclear Physics, Section B, Proceedings Supplements, 1995, 44, 74-78.	0.5	3
257	The small angle tile calorimeter project in DELPHI. Nuclear Physics, Section B, Proceedings Supplements, 1995, 44, 116-121.	0.5	2
258	The silicon shower maximum detector for the STIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 219-223.	0.7	9
259	Study of prompt photon production in hadronic $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 1-13.	1.5	0
260	A measurement of the photon structure function $F_2^{\gamma}$ at an average $Q^2$ of 12 $\text{GeV}^2/c^4$ . Zeitschrift für Physik C-Particles and Fields, 1995, 69, 223-233.	1.5	2
261	The DELPHI small angle tile calorimeter. IEEE Transactions on Nuclear Science, 1995, 42, 478-484.	1.2	10
262	Measurement of the triple-gluon vertex from 4-jet events at LEP. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 357-368.	1.5	34
263	Determination of $\alpha_s$ using the next-to-leading-log approximation of QCD. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 21-33.	1.5	29
264	A measurement of $D$ meson production in $Z^0$ hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 533-545.	1.5	27
265	A measurement of $B$ meson production and lifetime using $D^0 \rightarrow \pi^+ \pi^-$ events in $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 181-195.	1.5	29
266	Prototype design, construction and test of a Pb/scintillator sampling calorimeter with wavelength shifter fiber optic readout. IEEE Transactions on Nuclear Science, 1993, 40, 537-545.	1.2	8
267	Search for excited charged leptons in $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 41-49.	1.5	16
268	Study of final state photons in hadronic $Z^0$ decay and limits on new phenomena. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 555-565.	1.5	25
269	Measurement of the average lifetime of $B$ hadrons. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 567-580.	1.5	18
270	A study of the decays of tau leptons produced on the $Z$ resonance at LEP. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 555-567.	1.5	29



#	ARTICLE	IF	CITATIONS
271	Charged particle multiplicity distributions in restricted rapidity intervals in $Z=0$ hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1991, 52, 271-281.	1.5	52
272	Study of $J/\psi$ production in p-U, O-U and S-U interactions at 200 GeV per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 459-465.	1.5	84
273	Transverse momentum of produced in oxygen-uranium collisions at 200 GeV per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 251, 465-471.	1.5	52
274	Transverse energy distributions in nucleus-nucleus collisions at 200 GeV/nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 251, 472-476.	1.5	47
275	The production of $J/\psi$ in 200 GeV/nucleon oxygen-uranium interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 220, 471-478.	1.5	191
276	DELPHI's central partition. Computer Physics Communications, 1989, 57, 358-363.	3.0	0
277	FADO 2.0: A high level tagging language. Computer Physics Communications, 1989, 57, 364-369.	3.0	1
278	The production of $J/\psi$ in 200 GeV/A oxygen-uranium interactions. Zeitschrift für Physik C-Particles and Fields, 1988, 38, 117-124.	1.5	60
279	A study of $\bar{K}^0$ and $K^0$ production in proton-uranium and oxygen-uranium interactions at 22 GeV/A using decay muons. Zeitschrift für Physik C-Particles and Fields, 1988, 38, 129-133.	1.5	9
280	Minijets, multiparticle distributions and forward-backward correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 202, 397-401.	1.5	10
281	Backward scattering in and at 8 and 12 GeV/c. Nuclear Physics B, 1987, 284, 643-652.	0.9	8
282	Evidence for higher twist mechanisms in prompt $\bar{K}^0$ -meson production at $P_T > 2$ GeV/c in 300 GeV/c $\bar{p}N$ interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 183, 412-418.	1.5	19
283	Inclusive proton and antiproton production in $^3_2\text{H}$ hydrogen and $^3_2\text{He}$ nucleus interactions at 30 GeV/c. Zeitschrift für Physik A, Atomic Nuclei, 1986, 324, 1-8.	0.3	0
284	Are glueballs formed at higher temperature?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 154, 431-434.	1.5	2
285	Lambda polarization in the $K^0$ fragmentation region. Nuclear Physics B, 1985, 262, 356-364.	0.9	7
286	On the A-dependence of nuclear structure functions. Physical Review D, 1984, 30, 697-699.	1.6	18
287	Electromagnetic calorimetry using scintillating plastic fibres. Nuclear Instruments & Methods in Physics Research, 1984, 225, 530-533.	0.9	28
288	Study of the A-dependence of inclusive $p$ , $\bar{p}$ and $\Lambda$ production in $\bar{p}N$ -Nucleus interactions at 30 GeV/c. Zeitschrift für Physik C-Particles and Fields, 1984, 25, 115-120.	1.5	18

#	ARTICLE	IF	CITATIONS
289	Structure functions in nuclei: Quark clusters and size effects. Zeitschrift für Physik C-Particles and Fields, 1984, 26, 109-116.	1.5	20
290	Hadronization of quark systems. Zeitschrift für Physik C-Particles and Fields, 1983, 19, 365-369.	1.5	0