

Jan Ridky

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/812058/publications.pdf>

Version: 2024-02-01

356
papers

15,989
citations

36203

51
h-index

21474

114
g-index

362
all docs

362
docs citations

362
times ranked

9875
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for the Standard Model Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 61-75.	1.5	1,175
2	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
3	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. Science, 2007, 318, 938-943.	6.0	647
4	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
5	Introducing the CTA concept. Astroparticle Physics, 2013, 43, 3-18.	1.9	504
6	Observation of the Suppression of the Flux of Cosmic Rays above 4×10^{19} eV. Physical Review Letters, 2008, 101, 061101.	2.9	500
7	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	10.3	453
8	Measurement of the Depth of Maximum of Extensive Air Showers above 10^{18} eV. Physical Review Letters, 2010, 104, 091101.	2.9	429
9	Measurement of the energy spectrum of cosmic rays above 10 ¹⁸ eV using the Pierre Auger Observatory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 239-246.	1.5	357
10	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. Astroparticle Physics, 2008, 29, 188-204.	1.9	305
11	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
12	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
13	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. Astroparticle Physics, 2010, 34, 314-326.	1.9	270
14	Search for neutral heavy leptons produced in Z decays. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 57-71.	1.5	259
15	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
16	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
17	Measurement of the mass and width of the Z ⁰ -particle from multihadronic final states produced in e ⁺ e ⁻ annihilations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 539-547.	1.5	200
18	Tuning and test of fragmentation models based on identified particles and precision event shape data. Zeitschrift für Physik C-Particles and Fields, 1996, 73, 11-59.	1.5	172

#	ARTICLE	IF	CITATIONS
19	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
20	Photon events with missing energy in e^+e^- collisions at $\sqrt{s} = \sqrt{130}$ to 209 GeV. <i>European Physical Journal C</i> , 2005, 38, 395-411.	1.4	156
21	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
22	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
23	Study of tau-pair production in photon-photon collisions at LEP and limits on the anomalous electromagnetic moments of the tau lepton. <i>European Physical Journal C</i> , 2004, 35, 159-170.	1.4	118
24	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
25	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
26	Searches for neutral Higgs bosons in extended models. <i>European Physical Journal C</i> , 2004, 38, 1-28.	1.4	96
27	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
28	Measurement of the pressure dependence of air fluorescence emission induced by electrons. <i>Astroparticle Physics</i> , 2007, 28, 41-57.	1.9	91
29	An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 155-168.	1.9	90
30	Search for charged Higgs bosons at LEP in general two Higgs doublet models. <i>European Physical Journal C</i> , 2004, 34, 399-418.	1.4	87
31	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
32	Search for lepton flavour number violating Z^0 -decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997, 73, 243-251.	1.5	78
33	A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2003, 29, 285-312.	1.4	77
34	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 345, 598-608.	1.5	76
35	LHC1: A semiconductor pixel detector readout chip with internal, tunable delay providing a binary pattern of selected events. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 383, 55-63.	0.7	75
36	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

#	ARTICLE	IF	CITATIONS
37	Title is missing!. European Physical Journal C, 1998, 5, 585.	1.4	73
38	Bose-Einstein correlations in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 201-210.	1.5	69
39	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
40	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
41	Determination of Z0 resonance parameters and couplings from its hadronic and leptonic decays. Nuclear Physics B, 1991, 367, 511-574.	0.9	65
42	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
43	Improved measurements of cross sections and asymmetries at the Z0 resonance. Nuclear Physics B, 1994, 418, 403-427.	0.9	64
44	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
45	Energy dependence of the differences between the quark and gluon jet fragmentation. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 179-195.	1.5	60
46	A precise measurement of the Z resonance parameters through its hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 435-448.	1.5	56
47	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
48	The exposure of the hybrid detector of the Pierre Auger Observatory. Astroparticle Physics, 2011, 34, 368-381.	1.9	54
49	b-tagging in DELPHI at LEP. European Physical Journal C, 2004, 32, 185-208.	1.4	53
50	Search for one large extra dimension with the DELPHI detector at LEP. European Physical Journal C, 2009, 60, 17-23.	1.4	53
51	Measurement of the mass and width of the W boson in e+e- collisions at $\sqrt{s} = 161\text{--}209$ GeV. European Physical Journal C, 2008, 55, 1.	1.4	52
52	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
53	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 45-61.	1.5	51
54	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. Astroparticle Physics, 2007, 27, 244-253.	1.9	51

#	ARTICLE	IF	CITATIONS
55	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011, 84, .	1.6	51
56	First operation of a 72 k element hybrid silicon micropattern pixel detector array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994, 349, 138-155.	0.7	49
57	Photon events with missing energy at $\sqrt{s} = 183$ to 189 GeV. <i>European Physical Journal C</i> , 2000, 17, 53-65.	1.4	49
58	Single intermediate vector boson production in $e + e -$ collisions * at $\sqrt{s} = 183$ -209 GeV. <i>European Physical Journal C</i> , 2006, 45, 273-289.	1.4	49
59	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 418, 430-442.	1.5	48
60	Energy dependence of event shapes and of $\hat{I}_{\pm S}$ at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 456, 322-340.	1.5	48
61	Search for pair production of neutral Higgs bosons in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 245, 276-288.	1.5	47
62	Inclusive measurements of the production in hadronic Z^0 decays. <i>Nuclear Physics B</i> , 1995, 444, 3-26.	0.9	47
63	The DELPHI Silicon Tracker at LEP2. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 412, 304-328.	0.7	47
64	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
65	Production of \hat{b} and \hat{b} correlations in the hadronic decays of the Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 318, 249-262.	1.5	45
66	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of CA/CF. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 449, 383-400.	1.5	44
67	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
68	Production of strange particles in the hadronic decays of the Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 275, 231-242.	1.5	43
69	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
70	Measurement and interpretation of the W-pair cross-section in $e+e^{\bar{e}}$ interactions at 161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 397, 158-170.	1.5	42
71	Evidence for an excess of soft photons in hadronic decays of Z^0 . <i>European Physical Journal C</i> , 2006, 47, 273-294.	1.4	42
72	Determination of $\hat{I}_{\pm S}$ from the scaling violation in the fragmentation functions in $e+e^{\bar{e}}$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 311, 408-424.	1.5	41

#	ARTICLE	IF	CITATIONS
73	Search for new phenomena using single photon events at LEP1. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 577-586.	1.5	41
74	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
75	Search for single top production via FCNC at LEP at $\sqrt{s} = 189 - 208$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 21-34.	1.5	39
76	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
77	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. Advances in High Energy Physics, 2013, 2013, 1-18.	0.5	39
78	Measurement of the W-pair cross-section and of the W mass in. European Physical Journal C, 1998, 2, 581.	1.4	39
79	Search for heavy charged scalars in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 449-458.	1.5	38
80	A search for neutral Higgs particles in Z0 decays. Nuclear Physics B, 1992, 373, 3-34.	0.9	38
81	Evidence for B _S meson production in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 289, 199-210.	1.5	38
82	Production of charged particles, K _S ⁰ , K _L [±] , p and \bar{p} in events and in the decay of b hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 447-466.	1.5	38
83	First evidence for a charm radial excitation, D. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 231-242.	1.5	37
84	Study of inclusive J/ψ 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
85	Precise measurement of the absolute fluorescence yield of the 337nm band in atmospheric gases. Astroparticle Physics, 2013, 42, 90-102.	1.9	37
86	Classification of the hadronic decays of the Z0 into b and c quark pairs using a neural network. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 383-395.	1.5	36
87	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
88	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
89	Measurement of the spin density matrix for the \bar{D}^*_{s1} , $K^*_0(892)$ and F produced in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 271-286.	1.5	35
90	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

#	ARTICLE	IF	CITATIONS
91	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. European Physical Journal C, 2004, 32, 475-492.	1.4	35
92	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
93	Determination of $ V_{cb} $ from the semileptonic decay $B^0 \rightarrow D^{*-} e^+ \nu_e$. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 539-553.	1.5	34
94	Measurement of the cosmic ray energy spectrum using hybrid events of the Pierre Auger Observatory. European Physical Journal Plus, 2012, 127, 1.	1.2	34
95	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
96	Study of the dependence of direct soft photon production on jet characteristics in hadronic Z0 decays. European Physical Journal C, 2010, 67, 343-366.	1.4	33
97	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
98	Measurement of the gluon fragmentation function and a comparison of the scaling violation in gluon and quark jets. European Physical Journal C, 2000, 13, 573.	1.4	33
99	The reaction $e^+e^- \rightarrow \tau^+ \tau^- (\tau^3)$ at Z0 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 296-304.	1.5	32
100	Energy dependence of inclusive spectra in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 397-411.	1.5	32
101	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
102	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
103	Search for Leptoquarks and FCNC in e^+e^- annihilations at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 62-74.	1.5	31
104	Two-dimensional analysis of the Bose-Einstein correlations in e^+e^- annihilation at the Z0 peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 460-470.	1.5	31
105	The measurement of α_s from event shapes with the DELPHI detector at the highest LEP energies. European Physical Journal C, 2004, 37, 1-23.	1.4	31
106	Study of the leptonic decays of the Z0 boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 425-434.	1.5	30
107	Measurement of the $e^+e^- \rightarrow \tau^+ \tau^- (\tau^3)$ cross section at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 386-396.	1.5	30
108	A measurement of the photon structure function F_2^γ at an average Q^2 of 12 GeV $^2/c^4$. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 223-233.	1.5	30

#	ARTICLE	IF	CITATIONS
109	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
110	Temperature and humidity dependence of air fluorescence yield measured by AIRFLY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 597, 50-54.	0.7	30
111	A precise measurement of the partial decay width ratio. European Physical Journal C, 1999, 10, 415.	1.4	30
112	Limits on the production of scalar leptoquarks from Z^0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 620-630.	1.5	29
113	Measurement of inclusive production of light meson resonances in hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 236-246.	1.5	29
114	Measurement of trilinear gauge couplings in e^+e^- collisions at 161 GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 423, 194-206.	1.5	29
115	Measurement of trilinear gauge boson couplings WWV , $(V\hat{=}Z, \hat{=}3)$ in e^+e^- collisions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 9-23.	1.5	29
116	J/ψ production in the hadronic decays of the Z . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 341, 109-122.	1.5	28
117	Search for the standard model Higgs boson in Z^0 decays. Nuclear Physics B, 1994, 421, 3-37.	0.9	28
118	Observation of short range three-particle correlations in e^+e^- annihilations at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 415-424.	1.5	28
119	Charged particle multiplicity in e^+e^- interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 372, 172-180.	1.5	28
120	Search for the B_c meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 207-222.	1.5	28
121	A study of the hadronic resonance structure in the decay $\tilde{\chi}_1^0 \rightarrow \gamma \tilde{\chi}_1^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 411-427.	1.5	28
122	Measurement of the $\mathcal{B}(B^0_s)$ lifetime and study of $\mathcal{B}(B^0_s) - \overline{\mathcal{B}}(B^0_s)$ oscillations using D_s events. European Physical Journal C, 2000, 16, 555-578.	1.4	28
123	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
124	A measurement of $\sin 2\hat{=}w$ from the charge asymmetry of hadronic events at the Z^0 peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 371-382.	1.5	27
125	The bright optical flash from GRB 060117. Astronomy and Astrophysics, 2006, 454, L119-L122.	2.1	27
126	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. Astrophysical Journal, 2012, 760, 148.	1.6	27

#	ARTICLE	IF	CITATIONS
127	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
128	Search for composite and exotic fermions at LEP 2. <i>European Physical Journal C</i> , 1999, 8, 41.	1.4	27
129	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV. <i>European Physical Journal C</i> , 1999, 11, 383.	1.4	27
130	Measurement of $\hat{b}\hat{b}$ production and lifetime in Z^0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 311, 379-390.	1.5	26
131	Study of rare b decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 72, 207-220.	1.5	26
132	Search for exclusive decays of the \hat{b} baryon and measurement of its mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 374, 351-361.	1.5	26
133	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 14-30.	1.5	26
134	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. <i>European Physical Journal C</i> , 2003, 27, 153-172.	1.4	26
135	Development of silicon micropattern pixel detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994, 348, 399-408.	0.7	25
136	A search for heavy stable and long-lived squarks and sleptons in e^+e^- collisions at energies from 130 to 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 444, 491-502.	1.5	25
137	Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 507, 89-103.	1.5	25
138	Search for supersymmetric particles assuming R-parity non-conservation in e^+e^- collisions at $\sqrt{s} = 192$ to 208 GeV. <i>European Physical Journal C</i> , 2004, 36, 1-23.	1.4	25
139	Measurements of the lineshape of the Z^0 and determination of electroweak parameters from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , 1994, 417, 3-57.	0.9	24
140	Measurement of correlations between pions from different W 's in $e^+e^- \rightarrow W^+W^-$ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 401, 181-191.	1.5	24
141	Measurement of $ V_{cb} $ using the semileptonic decay $\overline{m}_{B^0_d} \rightarrow \overline{m}_D^* \ell^+ \ell^-$. <i>European Physical Journal C</i> , 2004, 33, 213-232.	1.4	24
142	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. <i>European Physical Journal C</i> , 2004, 35, 313-324.	1.4	24
143	Study of triple-gauge-boson couplings ZZZ , $ZZ\hat{1}^3$ and $Z\hat{1}^3\hat{1}^3$ at LEP. <i>European Physical Journal C</i> , 2007, 51, 525-542.	1.4	24
144	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

#	ARTICLE	IF	CITATIONS
145	The rapid atmospheric monitoring system of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012, 7, P09001-P09001.	0.5	24
146	Techniques for measuring aerosol attenuation using the Central Laser Facility at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2013, 8, P04009-P04009.	0.5	24
147	Measurement of the quark and gluon fragmentation functions in Z. <i>European Physical Journal C</i> , 1999, 6, 19.	1.4	24
148	Multiplicity fluctuations in hadronic final states from the decay of the Z0. <i>Nuclear Physics B</i> , 1992, 386, 471-492.	0.9	23
149	Spectrally resolved pressure dependence measurements of air fluorescence emission with AIRFLY. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 597, 41-45.	0.7	23
150	Searches for heavy neutrinos from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 274, 230-238.	1.5	22
151	Search for scalar leptoquarks from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 275, 222-230.	1.5	22
152	Measurement of $ V_{cs} $ using W decays at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 439, 209-224.	1.5	22
153	Measurement of inclusive $\bar{D}^0, f_0(980), f_2(1270), K$ and $\bar{K}^{*2}(1525)$ production in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 449, 364-382.	1.5	22
154	Measurements of the trilinear gauge boson couplings $WWV (V = \gamma, Z)$ in e^+e^- collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 459, 382-396.	1.5	22
155	ZZ production in e^+e^- interactions at $\sqrt{s} = 183-209$ GeV. <i>European Physical Journal C</i> , 2003, 30, 447-466.	1.4	22
156	A measurement of the b forward-backward asymmetry using the semileptonic decay into muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 276, 536-546.	1.5	21
157	Measurement of inclusive π^0 production in hadronic Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 69, 561-573.	1.5	21
158	Kaon interference in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 379, 330-340.	1.5	21
159	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 405, 202-214.	1.5	21
160	Search for heavy stable and long-lived particles in e^+e^- collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 65-72.	1.5	21
161	W pair production cross-section and W branching fractions in e^+e^- interactions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 479, 89-100.	1.5	21
162	Search for $B^0_s\text{-}\overline{B^0_s}$ oscillations and a measurement of $B^0_d\text{-}\overline{B^0_d}$ oscillations using events with an inclusively reconstructed vertex. <i>European Physical Journal C</i> , 2003, 28, 155-173.	1.4	21

#	ARTICLE	IF	CITATIONS
163	Study of prompt photon production in hadronic Z^0 decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 1-13.	1.5	20
164	Experience with a 30 cm ² silicon pixel plane in CERN experiment WA97. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 91-97.	0.7	20
165	Measurements of CP-conserving trilinear gauge boson couplings WWV ($V = \gamma, Z$) in e^+e^- collisions at LEP2. European Physical Journal C, 2010, 66, 35-56.	1.4	20
166	Determination of Γ_S for b quarks at the Z^0 resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 221-236.	1.5	19
167	Measurement of inclusive K^0 (892), ϕ (1020) and K_{S2}^0 (1430) production in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 73, 61-72.	1.5	19
168	Measurement of the rate of events in hadronic Z decays and the extraction of the gluon splitting into. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 425-439.	1.5	19
169	Search for the t and b' quarks in hadronic decays of the Z^0 boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 536-546.	1.5	18
170	Search for anomalous production of single photons at and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 471-479.	1.5	18
171	Study of radiative leptonic events with hard photons and search for excited charged leptons at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 480-490.	1.5	18
172	A precise measurement of the B^0_d meson lifetime using a new technique. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 19-32.	1.5	18
173	Measurement of $B^0_d - \overline{B^0_d}$ oscillations. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 579-598.	1.5	18
174	A measurement of Γ_S from the scaling violation in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 194-206.	1.5	18
175	A search for $\hat{1} \rightarrow c$ production in photon-photon fusion at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 479-490.	1.5	18
176	Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 410-424.	1.5	18
177	Hadronization properties of b quarks compared to light quarks in from 183 to 200 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 118-128.	1.5	18
178	A novel method for the absolute fluorescence yield measurement by AIRFLY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 597, 55-60.	0.7	18
179	Energy dependence of air fluorescence yield measured by AIRFLY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 597, 46-49.	0.7	18
180	A measurement of the tau lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 356-368.	1.5	17

#	ARTICLE	IF	CITATIONS
181	Search for SUSY with R-parity violating couplings at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 36-52.	1.5	17
182	A study of the Lorentz structure in tau decays. European Physical Journal C, 2000, 16, 229-252.	1.4	17
183	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
184	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
185	Search for charginos nearly mass-degenerate with the lightest neutralino. European Physical Journal C, 1999, 11, 1.	1.4	17
186	A study of $B^0 \rightarrow D^0$ mixing using semileptonic decays of B hadrons produced from Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 301, 145-154.	1.5	16
187	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
188	Search for the lightest chargino at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 323-336.	1.5	16
189	Measurement of the semileptonic b branching fractions and average b mixing parameter in Z decays. European Physical Journal C, 2001, 20, 455-478.	1.4	16
190	Observation of the muon inner bremsstrahlung at LEP1. European Physical Journal C, 2008, 57, 499-514.	1.4	16
191	The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays. Journal of Instrumentation, 2011, 6, P01003-P01003.	0.5	16
192	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
193	Search for neutral Higgs bosons in e. European Physical Journal C, 1999, 10, 563.	1.4	16
194	A measurement of the mean lifetimes of charged and neutral B-hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 253-266.	1.5	15
195	Charged kaon production in tau decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 435-449.	1.5	15
196	Construction and characterization of a 117 cm/sup 2/ silicon pixel detector. IEEE Transactions on Nuclear Science, 1995, 42, 413-418.	1.2	15
197	Search for the Higgs boson in events with isolated photons at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 431-446.	1.5	15
198	Determination of the $e^+e^- \rightarrow \tau^+\tau^- \gamma$ 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

#	ARTICLE	IF	CITATIONS
199	Search for supersymmetric partners of top and bottom quarks at \hat{A} GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 59-75.	1.5	15
200	Measurement of the mass and width of the W boson in $e+e\hat{a}^{\nu}$ collisions at \hat{A} GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 159-177.	1.5	15
201	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
202	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. European Physical Journal C, 2007, 51, 249.	1.4	15
203	A measurement of the B_s^0 meson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 500-508.	1.5	14
204	The DELPHI very forward tracker for LEP200. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 367, 198-201.	0.7	14
205	Production of Σ^0 and Ω^- in Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 371-381.	1.5	14
206	Measurement of the partial decay width $R_{b^0} = \Gamma_{\bar{b}}/\Gamma_{had}$ of the Z with the DELPHI detector at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 531-547.	1.5	14
207	Search for neutralinos, scalar leptons and scalar quarks in $e+e\hat{a}^{\nu}$ interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 651-666.	1.5	14
208	Observation of charge-ordering in particle production in hadronic Z^0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 174-184.	1.5	14
209	Search for charginos, neutralinos and gravitinos at LEP. European Physical Journal C, 1998, 1, 1.	1.4	14
210	Charged particle multiplicity in events at 161 and 172 GeV and from the decay of the W boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 233-246.	1.5	14
211	Search for charginos, neutralinos and gravitinos in $e+e\hat{a}^{\nu}$ interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 75-91.	1.5	14
212	\hat{b} polarization in Z^0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 474, 205-222.	1.5	14
213	Search for SUSY in the AMSB scenario with the DELPHI detector. European Physical Journal C, 2004, 34, 145-156.	1.4	14
214	Study of orientation of three-jet events in Z^0 hadronic decays using the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 498-506.	1.5	13
215	Interference of neutral kaons in the hadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 323, 242-252.	1.5	13
216	Measurement of time dependent mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 409-420.	1.5	13

#	ARTICLE	IF	CITATIONS
217	Measurement of $\hat{\Gamma}^{++}(1232)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 207-220.	1.5	13
218	Measurement of the branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 407-428.	1.5	13
219	Upper limit for the decay and measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 43-58.	1.5	13
220	Search for R-parity violation with a coupling at $\hat{\Lambda}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 22-36.	1.5	13
221	Search for excited leptons in $e+e-$ collisions at $\sqrt{s} = 189\hat{\epsilon}^{209}\hat{\epsilon}\%$ GeV. European Physical Journal C, 2006, 46, 277.	1.4	13
222	Investigation of the splitting of quark and gluon jets. European Physical Journal C, 1998, 4, 001.	1.4	13
223	Measurement of the lifetime of b-baryons. European Physical Journal C, 1999, 10, 185.	1.4	13
224	Measurements of the leptonic branching fractions of the tau. European Physical Journal C, 1999, 10, 201.	1.4	13
225	Search for supersymmetry with R-parity violating. European Physical Journal C, 2000, 13, 591.	1.4	13
226	First evidence of hard scattering processes in single tagged $\hat{\Gamma}^{\hat{3}}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 342, 402-416.	1.5	12
227	Measurement of the $e+e\hat{\alpha}^{\hat{1}\hat{3}}(\hat{1}^{\hat{3}})$ cross section at the LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 429-440.	1.5	12
228	Limits on the masses of supersymmetric particles at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 38-54.	1.5	12
229	Searches for neutral Higgs bosons in $\{e\}^+\{e\}^-$ collisions around $\sqrt{s} = 189$ GeV. European Physical Journal C, 2000, 17, 187-205.	1.4	12
230	A measurement of the Tau topological branching ratios. European Physical Journal C, 2001, 20, 617-637.	1.4	12
231	Search for technicolor with DELPHI. European Physical Journal C, 2001, 22, 17-29.	1.4	12
232	Search for charged Higgs bosons in $e+e\hat{\alpha}^{\hat{1}\hat{3}}$ collisions at $s=189\hat{\epsilon}^{202}\hat{\Lambda}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 17-28.	1.5	12
233	Search for an LSP gluino at LEP with the DELPHI detector. European Physical Journal C, 2003, 26, 505-525.	1.4	12
234	Measurement of the triple gluon vertex from double quark tagged 4-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 401-418.	1.5	11

#	ARTICLE	IF	CITATIONS
235	Rapidity correlations in $\hat{\Lambda}$ baryon and proton production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 247-256.	1.5	11
236	Inclusive $\hat{\Lambda}^+$ and $\hat{\Lambda}(1520)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 429-447.	1.5	11
237	Update of the search for charginos nearly mass-degenerate with the lightest neutralino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 95-106.	1.5	11
238	Search for spontaneous R-parity violation at \hat{A} GeV and $189\hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 24-36.	1.5	11
239	A precise measurement of the tau lifetime. European Physical Journal C, 2004, 36, 283-296.	1.4	11
240	Measurement of the energy dependence of hadronic jet rates and the strong coupling α_s from the four-jet rate with the DELPHI detector at LEP. European Physical Journal C, 2005, 38, 413-426.	1.4	11
241	$\text{arXiv:hep-ex/0505001}$ <small>Search for $\chi_{1,2}^0$ production in e^+e^- collisions at $\sqrt{s}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 618, 1-15. xmins:xocs= "http://www.elsevier.com/xml/xocs/dtd" xmins:xs= "http://www.w3.org/2001/XMLSchema-instance" xmins:xi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:xlink="http://www.w3.org/1999/xlink" style="font-size: small; color: yellow; background-color: black; padding: 2px;"> </small>	1.5	11
242	A study of $\text{ar}\{\text{b}\}$ production in e^+e^- collisions at $\sqrt{s}=130$ GeV. European Physical Journal C, 2009, 60, 1-15.	1.4	11
243	Measurement of the forward backward asymmetry of. European Physical Journal C, 1999, 10, 219.	1.4	11
244	Inclusive and semi-inclusive production of positive pions and protons in interactions at 22.4 GeV/c. Nuclear Physics B, 1980, 174, 45-67.	0.9	10
245	Measurement of the mixing using the average electric charge of hadron-jets in Z0-decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 459-472.	1.5	10
246	Measurement of the mixing parameter in DELPHI. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 488-500.	1.5	10
247	A measurement of the $\hat{\Gamma}_\tau$, leptonic branching fractions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 715-724.	1.5	10
248	Search for excited leptons in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 245-260.	1.5	10
249	Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s}=172$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 140-156.	1.5	10
250	Multiplicity fluctuations in one- and two-dimensional angular intervals compared with analytic QCD calculations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 457, 368-382.	1.5	10
251	Search for charged Higgs bosons at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 484-497.	1.5	10
252	Determination of the $e^+e^- \rightarrow \gamma\gamma$ cross-section at LEP 2. European Physical Journal C, 2004, 37, 405-419.	1.4	10

#	ARTICLE	IF	CITATIONS
253	Measurement of the Z0 branching fraction to b quark pairs using the boosted sphericity product. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 383-393.	1.5	9
254	A search for lepton flavour violation in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 247-256.	1.5	9
255	Upper limits on the branching ratios $\Gamma(\hat{1} \rightarrow \hat{1} \hat{1} \hat{1})$ and $\Gamma(\hat{1} \rightarrow e \hat{1}^3)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 411-421.	1.5	9
256	Search for promptly produced heavy quarkonium states in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 575-583.	1.5	9
257	Determination of the average lifetime of Λ_b^- baryons. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 199-210.	1.5	9
258	Updated precision measurement of the average lifetime of B hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 195-204.	1.5	9
259	Performance of 0.5 \times 106 sensitive elements pixel telescope in the WA97 heavy ion experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 395, 391-397.	0.7	9
260	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
261	Can we observe the quark gluon plasma in cosmic ray showers. Astroparticle Physics, 2002, 17, 355-365.	1.9	9
262	Search for resonant ρ production at $\sqrt{s} = 183$ to 208 GeV. European Physical Journal C, 2003, 28, 15-26.	1.4	9
263	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
264	Experimental verification of the dual unitarization scheme. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 85, 424-426.	1.5	8
265	W pair production cross-section and W branching fractions in e^+e^- interactions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 310-321.	1.5	8
266	Search for charginos in e^+e^- interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 129-143.	1.5	8
267	Single intermediate vector boson production in e^+e^- collisions at $s=183$ and $189 \hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 238-254.	1.5	8
268	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
269	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
270	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

#	ARTICLE	IF	CITATIONS
271	Detection of muon bundles from cosmic ray showers by the DELPHI experiment. Nuclear Physics, Section B, Proceedings Supplements, 2005, 138, 295-298.	0.5	8
272	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
273	Identifying clouds over the Pierre Auger Observatory using infrared satellite data. Astroparticle Physics, 2013, 50-52, 92-101.	1.9	8
274	Observation of the dependence of the interference effect of identical pions on pion pair velocity in inclusive $\bar{A}pp$ -interactions at $22.4 \text{ GeV}/c$. European Physical Journal D, 1981, 31, 475-481.	0.4	7
275	Search for Z0 decays to two leptons and a charged particle-antiparticle pair. Nuclear Physics B, 1993, 403, 3-24.	0.9	7
276	Search for exclusive charmless B meson decays with the DELPHI detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 255-266.	1.5	7
277	A study of the reaction $\{e^+ e^- \rightarrow \mu^+ \mu^- \gamma_{\text{ISR}}\}$ at LEP and search for new physics at annihilation energies near 80 GeV. Zeitschrift für Physik C-Particles and Fields, 1997, 75, 581-592.	1.5	7
278	Measurement of the inclusive charmless and double-charm B branching ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 193-206.	1.5	7
279	Search for the sgoldstino at from 189 to 202 GeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 203-214.	1.5	7
280	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
281	A measurement of the tau hadronic branching ratios. European Physical Journal C, 2006, 46, 1-26.	1.4	7
282	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
283	Using stars to determine the absolute pointing of the fluorescence detector telescopes of the Pierre Auger Observatory. Astroparticle Physics, 2007, 28, 216-231.	1.9	7
284	Observation of the spin alignment of the \bar{f}_0 -meson produced in $\bar{A}pp$ interactions at 22.4 and $5.7 \text{ GeV}/c$. European Physical Journal D, 1981, 31, 1353-1357.	0.4	6
285	Multiplicity dependence of mean transverse momentum in e^+e^- annihilations at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 254-262.	1.5	6
286	Studies on a 300 k pixel detector telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 377, 532-535.	0.7	6
287	First measurement of $f_2(1525)$ production in Z0 hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 309-318.	1.5	6
288	Two-particle angular correlations in e^+e^- interactions compared with QCD predictions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 203-216.	1.5	6

#	ARTICLE	IF	CITATIONS
289	Uniformity of response of the LHC1 large area pixel detector system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 119-128.	0.7	6
290	Measurement of the charged particle multiplicity of weakly decaying B hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 399-412.	1.5	6
291	A search for invisible Higgs bosons produced in e^+e^- interactions at LEP 2 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 367-381.	1.5	6
292	Search for supersymmetric particles in scenarios with a gravitino LSP and stau NLSP. European Physical Journal C, 2000, 16, 211-228.	1.4	6
293	Measurement of the ZZ cross-section in e^+e^- interactions at $183 \leq \sqrt{s} \leq 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 199-213.	1.5	6
294	The $\eta_c(2980)$ formation in two-photon collisions at LEP energies. European Physical Journal C, 2003, 31, 481-489.	1.4	6
295	AIRFLY: Measurement of the Air Fluorescence Radiation Induced by Electrons. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 186-189.	0.5	6
296	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
297	AIRFLY: Measurement of the fluorescence yield in atmospheric gases. European Physical Journal D, 2006, 56, A361-A367.	0.4	6
298	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
299	Search for pair production of heavy objects in 4-jet events at $\sqrt{s} = 130 - 136$ GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 73, 1-9.	1.5	5
300	Search for B_s^0 -oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 382-400.	1.5	5
301	First results from the DELPHI pixel detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 229-231.	0.7	5
302	Cosmic multi-muon bundles detected by DELPHI. Nuclear Physics, Section B, Proceedings Supplements, 2003, 122, 285-288.	0.5	5
303	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
304	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
305	Search for single top quark production via contact interactions at LEP2. European Physical Journal C, 2011, 71, 1.	1.4	5
306	Precise measurement of the absolute yield of fluorescence photons in atmospheric gases. Nuclear Physics, Section B, Proceedings Supplements, 2011, 212-213, 356-361.	0.5	5

#	ARTICLE	IF	CITATIONS
307	The description of inclusive characteristics in pp interactions at 22.4 GeV/c in terms of the quark-parton model. Zeitschrift für Physik C-Particles and Fields, 1980, 5, 17-26.	1.5	4
308	Inclusive K^0_S , Λ^0 and Λ^0 -production in pp interactions at 22.4 GeV/c. Zeitschrift für Physik C-Particles and Fields, 1984, 25, 213-223.	1.5	4
309	Is There a Hierarchy of the Hadron LowT Spectra?. , 1988, 36, 707-780.		4
310	Measurement of the transverse spin correlation in $Z \rightarrow \bar{l}l, \bar{l}l, \bar{l}l$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 194-206.	1.5	4
311	Space resolution of a silicon pixel detector as a function of the track angle. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 395, 372-374.	0.7	4
312	Update of the search for supersymmetric particles in scenarios with gravitino LSP and sleptons NLSP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 34-48.	1.5	4
313	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
314	Search for a fourth generation b^c -quark at LEP-II at $\sqrt{s} = 196$ – 209 GeV. European Physical Journal C, 2007, 50, 507-518.	1.4	4
315	Inelastic pp interactions at 22.4 GeV/c compared with e^+e^- annihilation into hadrons. Zeitschrift für Physik C-Particles and Fields, 1982, 15, 287-291.	1.5	3
316	Polarization Effects in η -Meson Production in Antiproton-Proton Interactions at 22.4, 12, and 5.7 GeV/c. Physical Review Letters, 1985, 55, 562-565.	2.9	3
317	Search for high mass χ^0 resonances in $e^+e^- \rightarrow e^+e^- \gamma \gamma$, $e^+e^- \rightarrow u \bar{u} \gamma \gamma$ at LEP I. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 179-190.	1.5	3
318	Identified particles in quark and gluon jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 118-130.	1.5	3
319	The LHC1 pixel detector studied in a 120GeV/c pion test beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 439, 536-546.	0.7	3
320	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
321	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
322	Masses, lifetimes and production rates of χ^0 . <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.els.</small>	1.5	3
323	Z^0 production in e^+e^- interactions at $\sqrt{s} = 183$ - 209 GeV. European Physical Journal C, 2007, 51, 503-523.	1.4	3
324	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

#	ARTICLE	IF	CITATIONS
325	Measurement of the B^0_d oscillation frequency using kaons, leptons and jet charge. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 17-30.	1.5	3
326	Differences between Annihilation and Nonannihilation Characteristics of $\bar{p}p$ -Interactions at 22.4 GeV/c. Physica Scripta, 1985, 31, 103-106.	1.2	2
327	The performance of the DELPHI Hadron Calorimeter at LEP. IEEE Transactions on Nuclear Science, 1996, 43, 1751-1756.	1.2	2
328	Search for chargino pair production in scenarios with gravitino LSP and stau NLSP at GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 466, 61-70.	1.5	2
329	Rapidity-alignment and pT compensation of particle pairs in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 243-252.	1.5	2
330	Study of double-tagged $\hat{t}\hat{t}^3$ events at LEP2. European Physical Journal C, 2006, 46, 559-568.	1.4	2
331	Muon bundles from cosmic ray showers detected by DELPHI at LEP. Nuclear Physics, Section B, Proceedings Supplements, 2006, 151, 310-313.	0.5	2
332	Mean lifetime of the B_s^0 meson. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 11-30.	1.5	2
333	Search for lightest neutralino and stau pair production in light gravitino scenarios with stau NLSP. European Physical Journal C, 1999, 7, 595.	1.4	2
334	Antiproton-proton interactions at 5.7 GeV/c II. Two-pion correlations in annihilations. European Physical Journal D, 1980, 30, 84-94.	0.4	1
335	Comparison of antiproton diffraction dissociation with inelastic pp interactions and e^+e^- annihilation into hadrons. Zeitschrift für Physik C-Particles and Fields, 1983, 17, 17-19.	1.5	1
336	The results of mass testing of the plastic streamer tubes for the DELPHI hadron calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 305, 344-353.	0.7	1
337	An upper limit for $Br(Z0 \rightarrow ggg)$ from symmetric 3-jet Z0 hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 405-415.	1.5	1
338	On sensitivity of Cherenkov radiation to the dynamics of high-energy cosmic ray interactions. Nuclear Physics, Section B, Proceedings Supplements, 2005, 138, 299-302.	0.5	1
339	Measurement of Cosmic Ray Energy with the Pierre Auger Observatory. AIP Conference Proceedings, 2007, , .	0.3	1
340	The Surface Detector of the Pierre Auger Observatory. Nuclear Physics, Section B, Proceedings Supplements, 2007, 165, 45-49.	0.5	1
341	Di-jet production in $\hat{t}\hat{t}^3$ collisions at LEP2. European Physical Journal C, 2008, 58, 531-541.	1.4	1
342	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

#	ARTICLE	IF	CITATIONS
343	Correlations between polarisation states of W particles in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP2 energies 189–209 GeV. European Physical Journal C, 2009, 63, 611-623.	1.4	1
344	Soft particle production in very high energy hadron interactions. Astroparticle Physics, 2017, 90, 37-49.	1.9	1
345	Cross-sections of two-prong exclusive reactions in $\hat{\Lambda}pp$ Interactions at 22.4 GeV/c. European Physical Journal D, 1988, 38, 257-266.	0.4	0
346	Study of the four-jet anomaly observed at LEP centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 448, 311-319.	1.5	0
347	<title>Optical filters designed for the fluorescence detector of the AUGER project with transmittance in the range of 300 nm to 420 nm</title>. , 2001, , .		0
348	Detection of muon bundles from cosmic ray showers at medium depth underground. Nuclear Physics A, 2003, 722, C444-C448.	0.6	0
349	<title>Light collection optics for a measurement of the air fluorescence yield</title>. , 2005, , .		0
350	<title>Chamber with controlled atmosphere for fluorescence measurements in the project AIRFLY</title>. , 2007, , .		0
351	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
352	Temperature chamber for measurement of fluorescence yield and nitrogen spectrum in the project AIRFLY. Optik, 2009, 120, 619-622.	1.4	0
353	On stimulated radiation of black holes. , 2009, , .		0
354	Precise Measurement of the Absolute Fluorescence Yield. , 2011, , .		0
355	TESTING OF COSMIC RAY INTERACTION MODELS AT LHC COLLIDER. , 2007, , .		0
356	First study of the interference between initial and final state radiation at the Z resonance. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 31-38.	1.5	0