

# Jan Ridky

## List of Publications by Year in descending order

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356  
papers

15,989  
citations

36203

51  
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21474

114  
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362  
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362  
docs citations

362  
times ranked

9875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft particle production in very high energy hadron interactions. <i>Astroparticle Physics</i> , 2017, 90, 37-49.	1.9	1
2	Identifying clouds over the Pierre Auger Observatory using infrared satellite data. <i>Astroparticle Physics</i> , 2013, 50-52, 92-101.	1.9	8
3	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	1.9	504
4	Electroweak measurements in electron-positron collisions at $W$ -boson-pair energies at LEP. <i>Physics Reports</i> , 2013, 532, 119-244.	10.3	453
5	Precise measurement of the absolute fluorescence yield of the 337nm band in atmospheric gases. <i>Astroparticle Physics</i> , 2013, 42, 90-102.	1.9	37
6	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. <i>Advances in High Energy Physics</i> , 2013, 2013, 1-18.	0.5	39
7	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
8	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
9	CONSTRAINTS ON THE ORIGIN OF COSMIC RAYS ABOVE $10^{18}$ eV FROM LARGE-SCALE ANISOTROPY SEARCHES IN DATA OF THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal Letters</i> , 2013, 762, L13.	3.0	67
10	Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 009-009.	1.9	34
11	SEARCH FOR POINT-LIKE SOURCES OF ULTRA-HIGH ENERGY NEUTRINOS AT THE PIERRE AUGER OBSERVATORY AND IMPROVED LIMIT ON THE DIFFUSE FLUX OF TAU NEUTRINOS. <i>Astrophysical Journal Letters</i> , 2012, 755, L4.	3.0	55
12	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
13	Measurement of the Proton-Air Cross Section at $\sqrt{s} = 57$ TeV at the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2012, 109, 062002.	2.9	212
14	Publisher's Note: Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory [Phys. Rev. D84, 122005 (2011)]. <i>Physical Review D</i> , 2012, 85, .	1.6	8
15	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal</i> , 2012, 760, 148.	1.6	27
16	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
17	The rapid atmospheric monitoring system of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012, 7, P09001-P09001.	0.5	24
18	A search for anisotropy in the arrival directions of ultra high energy cosmic rays recorded at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 040-040.	1.9	6

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19	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
20	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
21	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
22	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. Physical Review D, 2011, 84, .	1.6	51
23	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
24	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
25	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
26	Search for single top quark production via contact interactions at LEP2. European Physical Journal C, 2011, 71, 1.	1.4	5
27	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
28	The exposure of the hybrid detector of the Pierre Auger Observatory. Astroparticle Physics, 2011, 34, 368-381.	1.9	54
29	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
30	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
31	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
32	Precise Measurement of the Absolute Fluorescence Yield. , 2011, , .		0
33	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
34	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
35	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
36	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

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37	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. <i>Astroparticle Physics</i> , 2010, 34, 314-326.	1.9	270
38	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
39	Measurement of the energy spectrum of cosmic rays above 10 <sup>18</sup> eV using the Pierre Auger Observatory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 685, 239-246.	1.5	357
40	The fluorescence detector of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 620, 227-251.	0.7	275
41	Measurement of the Depth of Maximum of Extensive Air Showers above $10^{18}$ eV. <i>Physical Review Letters</i> , 2010, 104, 091101.	2.9	429
42	Temperature chamber for measurement of fluorescence yield and nitrogen spectrum in the project AIRFLY. <i>Optik</i> , 2009, 120, 619-622.	1.4	0
43	Inclusive single-particle production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 444-449.	1.5	1
44	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
45	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
46	Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2009, 60, 17-23.	1.4	53
47	A study of $b\bar{b}$ production in $e^+e^-$ collisions at $\sqrt{s}=130$ GeV. <i>European Physical Journal C</i> , 2009, 60, 1-15.	1.4	11
48	Correlations between polarisation states of W particles in the reaction $e^+e^- \rightarrow e^+W^-W^+e^-$ at LEP2 energies 189-209 GeV. <i>European Physical Journal C</i> , 2009, 63, 611-623.	1.4	1
49	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
50	On stimulated radiation of black holes. , 2009, , .		0
51	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. <i>Astroparticle Physics</i> , 2008, 29, 188-204.	1.9	305
52	Measurement of the tau lepton polarisation at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 659, 65-73.	1.5	0
53	Upper limit on the cosmic-ray photon flux above 10 <sup>19</sup> eV using the surface detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2008, 29, 243-256.	1.9	161
54	A novel method for the absolute fluorescence yield measurement by AIRFLY. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 597, 55-60.	0.7	18

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55	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
56	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
57	Spectrally resolved pressure dependence measurements of air fluorescence emission with AIRFLY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 597, 41-45.	0.7	23
58	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
59	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
60	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
61	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
62	Di-jet production in $\hat{p}\hat{p}$ collisions at LEP2. European Physical Journal C, 2008, 58, 531-541.	1.4	1
63	Observation of the muon inner bremsstrahlung at LEP1. European Physical Journal C, 2008, 57, 499-514.	1.4	16
64	Observation of the Suppression of the Flux of Cosmic Rays above $4 \times 10^{19}$ eV. Physical Review Letters, 2008, 101, 061101.	2.9	500
65	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
66	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. Science, 2007, 318, 938-943.	6.0	647
67	Measurement of Cosmic Ray Energy with the Pierre Auger Observatory. AIP Conference Proceedings, 2007, , .	0.3	1
68	<title>Chamber with controlled atmosphere for fluorescence measurements in the project AIRFLY</title>. , 2007, , .		0
69	An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. Astroparticle Physics, 2007, 27, 155-168.	1.9	90
70	Measurement of the pressure dependence of air fluorescence emission induced by electrons. Astroparticle Physics, 2007, 28, 41-57.	1.9	91
71	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
72	The Surface Detector of the Pierre Auger Observatory. Nuclear Physics, Section B, Proceedings Supplements, 2007, 165, 45-49.	0.5	1

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73	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
74	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
75	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. European Physical Journal C, 2007, 51, 249.	1.4	15
76	$Z\bar{1}^3$ production in e+e- interactions at $\sqrt{s} = 183$ -209,ext{GeV}. European Physical Journal C, 2007, 51, 503-523.	1.4	3
77	Study of triple-gauge-boson couplings ZZZ, $Z\bar{1}^3$ and $Z\bar{1}^3$ at LEP. European Physical Journal C, 2007, 51, 525-542.	1.4	24
78	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. Astroparticle Physics, 2007, 27, 244-253.	1.9	51
79	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
80	TESTING OF COSMIC RAY INTERACTION MODELS AT LHC COLLIDER. , 2007, , .		0
81	The bright optical flash from GRB 060117. Astronomy and Astrophysics, 2006, 454, L119-L122.	2.1	27
82	AIRFLY: Measurement of the Air Fluorescence Radiation Induced by Electrons. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 186-189.	0.5	6
83	Masses, lifetimes and production rates of $c$ quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 643, 147-157.	1.5	11
84	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	3
85	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
86	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
87	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
88	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
89	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
90	A measurement of the tau hadronic branching ratios. European Physical Journal C, 2006, 46, 1-26.	1.4	7

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91	Study of double-tagged $\hat{1}\hat{3}\hat{3}$ events at LEP. European Physical Journal C, 2006, 46, 559-568.	1.4	2
92	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
93	Search for excited leptons in e+e- collisions at $\sqrt{s} = 189\text{--}209\text{ GeV}$ . European Physical Journal C, 2006, 46, 277.	1.4	13
94	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
95	Evidence for an excess of soft photons in hadronic decays of Z0. European Physical Journal C, 2006, 47, 273-294.	1.4	42
96	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
97	AIRFLY: Measurement of the fluorescence yield in atmospheric gases. European Physical Journal D, 2006, 56, A361-A367.	0.4	6
98	Muon bundles from cosmic ray showers detected by DELPHI at LEP. Nuclear Physics, Section B, Proceedings Supplements, 2006, 151, 310-313.	0.5	2
99	<title>Light collection optics for a measurement of the air fluorescence yield</title>. , 2005, , .		0
100	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
101	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
102	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
103	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
104	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
105	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
106	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
107	b-tagging in DELPHI at LEP. European Physical Journal C, 2004, 32, 185-208.	1.4	53
108	Measurement of $ V_{cb} $ using the semileptonic decay $\overline{B^0} \rightarrow D^+ e^- \overline{\nu_e}$ . European Physical Journal C, 2004, 33, 213-232.	1.4	24



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109	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
110	Measurement of the forward-backward asymmetries of $e^+e^- \rightarrow Z \rightarrow b\bar{b}$ and $e^+e^- \rightarrow Z \rightarrow c\bar{c}$ using prompt leptons. European Physical Journal C, 2004, 34, 109-125.	1.4	8
111	Measurement of the W-pair production cross-section and W branching ratios in $e^+e^-$ collisions at $\sqrt{s} = 161-209$ GeV. European Physical Journal C, 2004, 34, 127-144.	1.4	30
112	Search for SUSY in the AMSB scenario with the DELPHI detector. European Physical Journal C, 2004, 34, 145-156.	1.4	14
113	Search for charged Higgs bosons at LEP in general two Higgs doublet models. European Physical Journal C, 2004, 34, 399-418.	1.4	87
114	Search for $B^0 - \bar{B}^0$ oscillations in DELPHI using high- $p_t$ leptons. European Physical Journal C, 2004, 35, 35-52.	1.4	8
115	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
116	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. European Physical Journal C, 2004, 35, 313-324.	1.4	24
117	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
118	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
119	A precise measurement of the tau lifetime. European Physical Journal C, 2004, 36, 283-296.	1.4	11
120	Determination of the $e^+e^- \rightarrow \gamma\gamma$ cross-section at LEP 2. European Physical Journal C, 2004, 37, 405-419.	1.4	10
121	Searches for neutral Higgs bosons in extended models. European Physical Journal C, 2004, 38, 1-28.	1.4	96
122	Measurement of the $\hat{\Gamma}_{b0}$ decay form factor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 63-84.	1.5	28
123	Search for single top production via FCNC at LEP at $\hat{s} = 189$ to $208$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 21-34.	1.5	39
124	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. European Physical Journal C, 2004, 32, 475-492.	1.4	35
125	Search for an LSP gluino at LEP with the DELPHI detector. European Physical Journal C, 2003, 26, 505-525.	1.4	12
126	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. European Physical Journal C, 2003, 27, 153-172.	1.4	26



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127	Search for resonant $\text{Z} \rightarrow \text{e}^+ \text{e}^-$ production at $\sqrt{s} = 183$ to 208 GeV. European Physical Journal C, 2003, 28, 15-26.	1.4	9
128	Search for $\text{B}^0 \rightarrow \text{e}^+ \text{e}^- \text{B}^0$ oscillations and a measurement of $\text{B}^0 \rightarrow \text{e}^+ \text{e}^- \text{B}^0$ oscillations using events with an inclusively reconstructed vertex. European Physical Journal C, 2003, 28, 155-173.	1.4	21
129	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
130	ZZ production in $\text{e}^+ \text{e}^-$ interactions at $\sqrt{s} = 183$ -209 GeV. European Physical Journal C, 2003, 30, 447-466.	1.4	22
131	Measurement of the $\text{e}^+ \text{e}^- \rightarrow \text{W}^+ \text{W}^- \gamma$ cross-section and limits on anomalous quartic gauge couplings with DELPHI. European Physical Journal C, 2003, 31, 139-147.	1.4	32
132	Searches for supersymmetric particles in $\text{e}^+ \text{e}^-$ collisions up to 208 GeV and interpretation of the results within the MSSM. European Physical Journal C, 2003, 31, 421-479.	1.4	221
133	The $\text{Z} \rightarrow \text{e}^+ \text{e}^- \text{Z}$ formation in two-photon collisions at LEP energies. European Physical Journal C, 2003, 31, 481-489.	1.4	6
134	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
135	Measurement of inclusive $\text{f}_1(1285)$ and $\text{f}_1(1420)$ 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
136	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
137	Inclusive $\text{b} \rightarrow \text{c}$ decays to wrong sign charmed mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 26-40.	1.5	3
138	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
139	Study of inclusive $\text{J}/\psi$ production in two-photon collisions at LEP2 with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 76-86.	1.5	37
140	Detection of muon bundles from cosmic ray showers at medium depth underground. Nuclear Physics A, 2003, 722, C444-C448.	0.6	0
141	Cosmic multi-muon bundles detected by DELPHI. Nuclear Physics, Section B, Proceedings Supplements, 2003, 122, 285-288.	0.5	5
142	Searches for neutral Higgs bosons in $\text{e}^+ \text{e}^-$ collisions from $\sqrt{s} = 191.6$ to 201.7 GeV. European Physical Journal C, 2002, 23, 409-435.	1.4	9
143	Can we observe the quark gluon plasma in cosmic ray showers. Astroparticle Physics, 2002, 17, 355-365.	1.9	9
144	Search for charged Higgs bosons in $\text{e}^+ \text{e}^-$ collisions at $\sqrt{s} = 189$ -202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 17-28.	1.5	12

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145	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
146	<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
147	A measurement of the Tau topological branching ratios. European Physical Journal C, 2001, 20, 617-637.	1.4	12
148	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
149	Search for technicolor with DELPHI. European Physical Journal C, 2001, 22, 17-29.	1.4	12
150	Measurement of the ZZ cross-section in e+eâˆ’ interactions at 183â€–189âˆ–GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 199-213.	1.5	6
151	Search for R-parity violation with a coupling at âˆ–GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 22-36.	1.5	13
152	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
153	Measurement of trilinear gauge boson couplings WWV, (Vâ‰–jZ,âˆ–) in e+eâˆ’ collisions at 189âˆ–GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 9-23.	1.5	29
154	Search for spontaneous R-parity violation at âˆ–GeV and 189âˆ–GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 24-36.	1.5	11
155	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
156	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
157	Measurement of the mass and width of the W boson in e+eâˆ’ collisions at âˆ–GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 159-177.	1.5	15
158	Measurement of Vcb from the decay process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 55-74.	1.5	35
159	Single intermediate vector boson production in e+eâˆ’ collisions at s=183 and 189âˆ–GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 238-254.	1.5	8
160	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
161	Measurement of the branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 407-428.	1.5	13
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164	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 14-30.	1.5	26
165	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
166	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
167	W pair production cross-section and W branching fractions in $e^+e^-$ interactions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 89-100.	1.5	21
168	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
169	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
170	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
171	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
172	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
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174	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
175	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
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177	$\hat{b}$ polarization in Z0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 474, 205-222.	1.5	14
178	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
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180	Measurement of the $B^0_s$ lifetime and study of $B^0_s - \overline{B^0_s}$ oscillations using $D_s^{\pm}$ events. European Physical Journal C, 2000, 16, 555-578.	1.4	28

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182	Search for supersymmetric particles in scenarios with a gravitino LSP and stau NLSP. European Physical Journal C, 2000, 16, 211-228.	1.4	6
183	A study of the Lorentz structure in tau decays. European Physical Journal C, 2000, 16, 229-252.	1.4	17
184	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
185	Search for supersymmetry with R-parity violating. European Physical Journal C, 2000, 13, 591.	1.4	13
186	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
187	Search for charginos, neutralinos and gravitinos in $e^+e^-$ interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 75-91.	1.5	14
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196	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
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200	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
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221	Measurement of trilinear gauge couplings in $e+e\hat{\sim}$ 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
222	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
223	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
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227	Measurement of $ V_{cs} $ using W decays at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 439, 209-224.	1.5	22
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230	Measurement of the W-pair cross-section and of the W mass in. European Physical Journal C, 1998, 2, 581.	1.4	39
231	Investigation of the splitting of quark and gluon jets. European Physical Journal C, 1998, 4, 001.	1.4	13
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238	Search for new phenomena using single photon events at LEP1. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 577-586.	1.5	41
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241	Search for lepton flavour number violating $Z^0$ -decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 243-251.	1.5	78
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243	Search for the $B_c$ meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 207-222.	1.5	28
244	A measurement of $\hat{\mu}_s$ 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
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248	Search for $B_s^0$ - oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 382-400.	1.5	5
249	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
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255	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
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257	Measurement of inclusive $K^0$ (892), $\phi$ (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
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261	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
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267	Study of rare decays with the DELPHI detector at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 207-220.	1.5	26
268	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
269	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
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272	First measurement of $f_2^{\prime\prime}(1525)$ production in Z0 hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 309-318.	1.5	6
273	Kaon interference in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 330-340.	1.5	21
274	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
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284	Study of prompt photon production in hadronic $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 1-13.	1.5	20
285	First evidence of hard scattering processes in single tagged $\hat{p}\hat{p}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 342, 402-416.	1.5	12
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301	Interference of neutral kaons in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 323, 242-252.	1.5	13
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303	Measurement of the $e^+e^- \rightarrow \tau^+ \tau^- \gamma$ cross section at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 386-396.	1.5	30
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310	A measurement of the tau lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 356-368.	1.5	17
311	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
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