

Fernando Baro

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

186
papers

9,187
citations

41
h-index

90
g-index

186
ext. papers

10,156
ext. citations

4.4
avg, IF

3.26
L-index

#	Paper	IF	Citations
186	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment: DUNE Collaboration. <i>European Physical Journal C</i> , 2021 , 81, 322	4.2	14
185	Supernova neutrino burst detection with the Deep Underground Neutrino Experiment. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	16
184	Volume III. DUNE far detector technical coordination. <i>Journal of Instrumentation</i> , 2020 , 15, T08009-T08009		8
183	Neutrino interaction classification with a convolutional neural network in the DUNE far detector. <i>Physical Review D</i> , 2020 , 102,	4.9	5
182	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020 , 15, T08008-T08008	1	67
181	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. <i>Journal of Instrumentation</i> , 2020 , 15, P12004-P12004	1	29
180	Volume IV. The DUNE far detector single-phase technology. <i>Journal of Instrumentation</i> , 2020 , 15, T08010-T08010		10
179	Towards Understanding the Origin of Cosmic-Ray Positrons. <i>Physical Review Letters</i> , 2019 , 122, 041102	7.4	92
178	Numerical modeling of cosmic-ray transport in the heliosphere and interpretation of the proton-to-helium ratio in Solar Cycle 24. <i>Advances in Space Research</i> , 2019 , 64, 2477-2489	2.4	4
177	Towards Understanding the Origin of Cosmic-Ray Electrons. <i>Physical Review Letters</i> , 2019 , 122, 101101	7.4	53
176	Search for invisible modes of nucleon decay in water with the SNO+ detector. <i>Physical Review D</i> , 2019 , 99,	4.9	16
175	Observation of a time lag in solar modulation of cosmic rays in the heliosphere. <i>Journal of Physics: Conference Series</i> , 2019 , 1181, 012013	0.3	1
174	Measurement of the B8 solar neutrino flux in SNO+ with very low backgrounds. <i>Physical Review D</i> , 2019 , 99,	4.9	12
173	Observation of New Properties of Secondary Cosmic Rays Lithium, Beryllium, and Boron by the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2018 , 120, 021101	7.4	126
172	Observation of Complex Time Structures in the Cosmic-Ray Electron and Positron Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2018 , 121, 051102	7.4	44
171	Observation of Fine Time Structures in the Cosmic Proton and Helium Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2018 , 121, 051101	7.4	60
170	Precision Measurement of Cosmic-Ray Nitrogen and its Primary and Secondary Components with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2018 , 121, 051103	7.4	48

169	Testing Diffusion of Cosmic Rays in the Heliosphere with Proton and Helium Data from AMS. <i>Physical Review Letters</i> , 2018 , 121, 251104	7.4	19
168	Evidence for a Time Lag in Solar Modulation of Galactic Cosmic Rays. <i>Astrophysical Journal Letters</i> , 2017 , 849, L32	7.9	31
167	Observation of the Identical Rigidity Dependence of He, C, and O Cosmic Rays at High Rigidities by the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2017 , 119, 251101	7.4	140
166	Antiproton Flux, Antiproton-to-Proton Flux Ratio, and Properties of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2016 , 117, 091103	7.4	231
165	Precision Measurement of the Boron to Carbon Flux Ratio in Cosmic Rays from 1.9 GV to 2.6 TV with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2016 , 117, 231102	7.4	178
164	Non-parametric determination of H and He interstellar fluxes from cosmic-ray data. <i>Astronomy and Astrophysics</i> , 2016 , 591, A94	5.1	33
163	Precision Measurement of the Proton Flux in Primary Cosmic Rays from Rigidity 1 GV to 1.8 TV with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2015 , 114, 171103	7.4	491
162	Precision Measurement of the Helium Flux in Primary Cosmic Rays of Rigidities 1.9 GV to 3 TV with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2015 , 115, 211101	7.4	287
161	Electron and positron fluxes in primary cosmic rays measured with the alpha magnetic spectrometer on the international space station. <i>Physical Review Letters</i> , 2014 , 113, 121102	7.4	311
160	High statistics measurement of the positron fraction in primary cosmic rays of 0.5-500 GeV with the alpha magnetic spectrometer on the international space station. <i>Physical Review Letters</i> , 2014 , 113, 121101	7.4	341
159	Precision Measurement of the $(e^+ + e^-)$ Flux in Primary Cosmic Rays from 0.5 GeV to 1 TeV with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2014 , 113, 221102	7.4	198
158	First result from the Alpha Magnetic Spectrometer on the International Space Station: precision measurement of the positron fraction in primary cosmic rays of 0.5-350 GeV. <i>Physical Review Letters</i> , 2013 , 110, 141102	7.4	694
157	GETFOCOS for imaging atmospheric Cherenkov telescopes: A GEant4 tool for optimization and characterization of an optical system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 659, 282-288	1.2	3
156	ISOTOPIC COMPOSITION OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. <i>Astrophysical Journal</i> , 2011 , 736, 105	4.7	33
155	RELATIVE COMPOSITION AND ENERGY SPECTRA OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. <i>Astrophysical Journal</i> , 2010 , 724, 329-340	4.7	41
154	In-beam aerogel light yield characterization for the AMS RICH detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 614, 237-249	1.2	30
153	Characterization study of silica aerogel for Cherenkov imaging. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 614, 184-195	1.2	16
152	POLAR: A compact detector for GRB polarization measurements. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007 , 166, 273-275		

151	The Ring Imaging Cherenkov detector of the AMS experiment: test beam results with a prototype. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2007 , 172, 32-35		10
150	Cosmic-ray positron fraction measurement from 1 to 30 GeV with AMS-01. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 646, 145-154	4.2	255
149	Prototype study of the Cherenkov imager of the AMS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 560, 291-302	1.2	19
148	Wide field compact detector for hard x-ray polarization measurements 2006 ,		2
147	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
146	POLAR, a compact detector for gamma-ray bursts photon polarization measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 550, 616-625	1.2	66
145	A study of cosmic ray secondaries induced by the Mir space station using AMS-01. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005 , 234, 321-332	1.2	1
144	In-beam tests of the AMS RICH prototype with secondary ions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 525, 126-131	1.2	12
143	Cherenkov angle and charge reconstruction with the RICH detector of the AMS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 502, 310-314	1.2	4
142	The Alpha Magnetic Spectrometer (AMS) on the International Space Station: Part I [Results from the test flight on the space shuttle. <i>Physics Reports</i> , 2002 , 366, 331-405	27.7	328
141	Measurement of the ZZ cross-section in e+e- interactions at 183-189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 497, 199-213	4.2	6
140	Search for R-parity violation with a U D D coupling at s=189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 500, 22-36	4.2	11
139	Search for the Standard Model Higgs boson at LEP in the year 2000. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 499, 23-37	4.2	61
138	Measurement of trilinear gauge boson couplings WWV, (V?Z,) in e+e- collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 9-23	4.2	26
137	Search for spontaneous R-parity violation at GeV and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 24-36	4.2	10
136	Update of the search for supersymmetric particles in scenarios with gravitino LSP and sleptons NLSP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 503, 34-48	4.2	3
135	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	4.2	24
134	Measurement of Vcb from the decay process B 0-D*+ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001 , 510, 55-74	4.2	32

133	Single intermediate vector boson production in $e+e^-$ collisions at $\sqrt{s}=183$ and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 515, 238-254	4.2	8
132	The AMS-01 Aerogel Threshold Cherenkov counter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 465, 306-317 ¹⁻²		5
131	Cherenkov detectors in the alpha magnetic spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 454, 174-179	1.2	5
130	Measurement of the branching fraction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 407-428	4.2	13
129	Inclusive Λ and $\bar{\Lambda}(1520)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 429-447	4.2	9
128	Dual gluons and monopoles in 2+1 dimensional Yang-Mills theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 373-378	4.2	13
127	Additional two-loop contributions to electric dipole moments in supersymmetric theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 239-246	4.2	66
126	Hadronization properties of b quarks compared to light quarks in from 183 to 200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 118-128	4.2	15
125	Search for charginos in $e+e^-$ interactions at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 129-143	4.2	8
124	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	4.2	18
123	Leptons in near earth orbit. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 484, 10-22	4.2	198
122	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 485, 45-61	4.2	47
121	Update of the search for charginos nearly mass-degenerate with the lightest neutralino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 485, 95-106	4.2	10
120	Rapidity-rank structure of pp pairs in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 61-70	4.2	3
119	Limits on the masses of supersymmetric particles at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 38-54	4.2	12
118	Cosmic protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 27-35	4.2	236
117	Determination of the $e+e^-$ cross-section at centre-of-mass energies ranging from 189 GeV to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 491, 67-80 ¹⁻²	4.2	14
116	Helium in near Earth orbit. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 494, 193-202	4.2	136

115	Search for the sgoldstino at from 189 to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 494, 203-214	4.2	7
114	Protons in near earth orbit. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 472, 215-226	4.2	142
113	Direct observation of longitudinally polarised W_{\pm} bosons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 474, 194-204	4.2	6
112	Two-dimensional analysis of the Bose-Einstein correlations in $e+e^{-}$ annihilation at the Z^0 peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 471, 460-470	4.2	30
111	Study of $(\overline{B^0_s} - B^0_s)$ oscillations and (B^0_s) lifetimes using hadronic decays of (B^0_s) mesons. <i>European Physical Journal C</i> , 2000 , 18, 229-252	4.2	7
110	Search for Leptoquarks and FCNC in $e+e^{-}$ annihilations at $s=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 446, 62-74	4.2	28
109	Search for charginos, neutralinos and gravitinos in $e+e^{-}$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 446, 75-91	4.2	14
108	Measurement of inclusive \overline{D} , $f_0(980)$, $f_2(1270)$, K and $f_2'(1525)$ production in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 449, 364-382	4.2	21
107	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of C_A/C_F . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 449, 383-400	4.2	36
106	Energy dependence of event shapes and of $\langle n_s \rangle$ at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 322-340	4.2	47
105	W pair production cross-section and W branching fractions in $e+e^{-}$ interactions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 310-321	4.2	8
104	A search for invisible Higgs bosons produced in $e+e^{-}$ interactions at LEP 2 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 367-381	4.2	6
103	Energy dependence of inclusive spectra in $e+e^{-}$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 397-411	4.2	29
102	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	4.2	20
101	Two-particle angular correlations in $e+e^{-}$ interactions compared with QCD predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 440, 203-216	4.2	5
100	Charged particle multiplicity in $e+e^{-}$ events at 161 and 172 GeV and from the decay of the W boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 416, 233-246	4.2	11
99	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 430-442	4.2	44
98	Search for charged Higgs bosons in $e+e^{-}$ collisions at $\sqrt{s}=172$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 420, 140-156	4.2	9

97	Measurement of trilinear gauge couplings in e^+e^- collisions at 161 GeV and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 423, 194-206	4.2	28
96	A study of the hadronic resonance structure in the decay $B \rightarrow \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 411-427	4.2	26
95	Measurement of the e^+e^- cross section at the LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 433, 429-440	4.2	10
94	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	4.2	21
93	A search for χ_c production in photon-photon fusion at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 441, 479-490	4.2	17
92	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	4.2	24
91	Measurement and interpretation of the W-pair cross-section in e^+e^- interactions at 161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 397, 158-170	4.2	40
90	Measurement of the transverse spin correlation in $Z \rightarrow \mu\mu$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 404, 194-206	4.2	4
89	Search for excited leptons in e^+e^- collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 393, 245-260	4.2	10
88	Search for stable heavy charged particles in e^+e^- collisions at , 161 and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 396, 315-326	4.2	19
87	Search for the B_c meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 398, 207-222	4.2	26
86	A measurement of β_s from the scaling violation in e^+e^- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 398, 194-206	4.2	16
85	Measurement of correlations between pions from different W^+W^- in e^+e^- events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 181-191	4.2	24
84	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 405, 202-214	4.2	21
83	Measurement of the spin density matrix for the ρ^0 , $K^{*0}(892)$ and F produced in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 406, 271-286	4.2	28
82	Search for B_s^0 - oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 382-400	4.2	4
81	Observation of charge-ordering in particle production in hadronic Z^0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 174-184	4.2	13
80	Search for high mass resonances in $(e^+ + e^- \rightarrow \ell^+ + \ell^- + \gamma\gamma)$, $(\bar{\nu}\nu + \gamma\gamma)$ and $(q\bar{q} + \gamma\gamma)$ at LEP at LEP I. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 179-190		3

79	Study of rare decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 207-220		22
78	A precise measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 365, 448-460	4.2	16
77	Charged particle multiplicity in e^+e^- interactions at $s = 130$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 372, 172-180	4.2	25
76	Search for exclusive decays of the \bar{B} baryon and measurement of its mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 374, 351-361	4.2	25
75	First measurement of $f_2'(1525)$ production in Z^0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 379, 309-318	4.2	5
74	Kaon interference in the hadronic decays of the Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 379, 330-340	4.2	20
73	Search for the lightest chargino at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 382, 323-336	4.2	14
72	Search for neutralinos, scalar leptons and scalar quarks in e^+e^- interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 387, 651-666	4.2	12
71	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 378, 57-100	1.2	248
70	An upper limit for $Br(Z^0 \rightarrow gg)$ from symmetric 3-jet Z^0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 405-415	4.2	1
69	Production of strange B-baryons decaying into Λ pairs at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 541-553		9
68	B^* production in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 353-362		11
67	Lifetime of charged and neutral B hadrons using event topology. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 363-374		11
66	Lifetime and production rate of beauty baryons from Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 375-390		4
65	First evidence of hard scattering processes in single tagged collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 342, 402-416	4.2	12
64	Production of charged particles, K_S^0 , K_L^0 , p and \bar{n} events and in the decay of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 347, 447-466	4.2	36
63	Observation of short range three-particle correlations in e^+e^- annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 415-424	4.2	28
62	A measurement of the leptonic branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 357, 715-724	4.2	9

61	Upper limits on the branching ratios $\Gamma_{\text{had}}/\Gamma_{\text{had}} + \Gamma_{\text{lept}}/\Gamma_{\text{had}} + \Gamma_{\text{had}}/\Gamma_{\text{had}}$ and $\Gamma_{\text{had}}/\Gamma_{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 359, 411-421	4.2	7
60	Measurement of $\Gamma_{\text{had}}(1232)$ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 361, 207-220	4.2	13
59	Measurement of $(\Gamma_{\text{had}}/\Gamma_{\text{had}})/(\Gamma_{\text{had}}/\Gamma_{\text{had}})$ using impact parameter measurements and lepton identification. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 323-339		23
58	Measurement of the forward-backward asymmetry of charm and bottom quarks at the Z pole using $D^* \pi$ mesons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 341-354		5
57	First measurement of the strange quark asymmetry at the Z0 peak. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 1-13		2
56	Search for heavy neutral Higgs bosons in two-doublet models. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 69-79		13
55	Measurements of the ρ polarisation in Z0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 183-201		17
54	Measurement of the $(\Gamma_{\text{had}}/\Gamma_{\text{had}})/(\Gamma_{\text{had}}/\Gamma_{\text{had}})$ branching ratio of the Z by double hemisphere tagging. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 555-568		16
53	Measurement of the forward-backward asymmetry of $e^+e^- \rightarrow Z(\text{had})$ using prompt leptons and a lifetime tag. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 569-585		17
52	A measurement of B+ and B0 lifetimes using $(\bar{D}^0 \rightarrow \text{had})$ events. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 13-23		5
51	Inclusive measurements of the production in hadronic Z0 decays. <i>Nuclear Physics B</i> , 1995 , 444, 3-26	2.8	38
50	A measurement of the photon structure function F_2^{γ} at an average Q^2 of 12 GeV ² /c ⁴ . <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 69, 223-233		2
49	A measurement of the Bs0 meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 324, 500-508	4.2	14
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32	Determination of BS for b quarks at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 221-236	4.2	19
31	Search for Z0 decays to two leptons and a charged particle-antiparticle pair. <i>Nuclear Physics B</i> , 1993 , 403, 3-24	2.8	7
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27	Measurement of the partial width of the Z0 into b (bar b) final states using their semi-leptonic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 56, 47-61		21
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21	Charged particle multiplicity distributions in restricted rapidity intervals in Z0 hadronic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 52, 271-281		49
20	Experimental study of the triple-gluon vertex. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 255, 466-476	4.2	40
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15	Search for pair production of neutral Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 245, 276-288	4.2	44
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13	A study of intermittency in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 137-147	4.2	69
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11	A search for sleptons and gauginos in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 157-166	4.2	58
10	A comparison of jet production rates on the Z0 resonance to perturbative QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 167-176	4.2	61
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