

Fernando Baro

List of Publications by Citations

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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	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
185	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
184	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
183	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
182	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
181	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
180	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
179	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
178	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
177	Cosmic protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 27-35	4.2	236
176	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
175	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
174	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
173	Measurement of the mass and width of the Z ⁰ -particle from multihadronic final states produced in e ⁺ e ⁻ annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 231, 539-547	4.2	191
172	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
171	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
170	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

169	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
168	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
167	Towards Understanding the Origin of Cosmic-Ray Positrons. <i>Physical Review Letters</i> , 2019 , 122, 041102	7.4	92
166	Study of hadronic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 240, 271-282	4.2	89
165	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
164	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020 , 15, T08008-T08008	1	67
163	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
162	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
161	Determination of Z0 resonance parameters and couplings from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , 1991 , 367, 511-574	2.8	62
160	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
159	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
158	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
157	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
156	A precise measurement of the Z resonance parameters through its hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 435-448	4.2	56
155	Towards Understanding the Origin of Cosmic-Ray Electrons. <i>Physical Review Letters</i> , 2019 , 122, 101101	7.4	53
154	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
153	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
152	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

151	Energy dependence of event shapes and of B_s at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 322-340	4.2	47
150	Search for light neutral Higgs particles produced in Z^0 -decays. <i>Nuclear Physics B</i> , 1990 , 342, 1-14	2.8	46
149	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
148	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 430-442	4.2	44
147	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	4.2	44
146	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
145	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	4.2	41
144	Production of Λ and $\bar{\Lambda}$ 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	4.2	41
143	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
142	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
141	Determination of B_S from the scaling violation in the fragmentation functions in e^+e^- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 408-424	4.2	40
140	Inclusive measurements of the production in hadronic Z^0 decays. <i>Nuclear Physics B</i> , 1995 , 444, 3-26	2.8	38
139	A search for neutral Higgs particles in Z^0 decays. <i>Nuclear Physics B</i> , 1992 , 373, 3-34	2.8	38
138	Improved measurements of cross sections and asymmetries at the Z^0 resonance. <i>Nuclear Physics B</i> , 1994 , 418, 403-427	2.8	37
137	Energy-energy correlations in hadronic final states from Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 149-158	4.2	37
136	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
135	Production of charged particles, K_S^0 , K^\pm , p and \bar{n} in 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
134	Evidence for B_S^0 meson production in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 289, 199-210	4.2	36

133	Search for heavy charged scalars in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 449-458	4.2	36
132	Classification of the hadronic decays of the Z0 into b and c quark pairs using a neural network. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 383-395	4.2	34
131	ISOTOPIC COMPOSITION OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. <i>Astrophysical Journal</i> , 2011 , 736, 105	4.7	33
130	Non-parametric determination of H and He interstellar fluxes from cosmic-ray data. <i>Astronomy and Astrophysics</i> , 2016 , 591, A94	5.1	33
129	Measurement of V_{cb} from the decay process $B \rightarrow D^* + c$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 510, 55-74	4.2	32
128	Evidence for a Time Lag in Solar Modulation of Galactic Cosmic Rays. <i>Astrophysical Journal Letters</i> , 2017 , 849, L32	7.9	31
127	Measurement of the triple-gluon vertex from 4-jet events at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 59, 357-368		31
126	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
125	Two-dimensional analysis of the Bose-Einstein correlations in e^+e^- annihilation at the Z0 peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 471, 460-470	4.2	30
124	Study of the leptonic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 425-434	4.2	30
123	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
122	The reaction $e^+e^- \rightarrow \mu^+\mu^-$ at Z0 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 268, 296-304	4.2	29
121	Measurement of inclusive production of light meson resonances in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 236-246	4.2	29
120	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
119	Volume IV. The DUNE far detector single-phase technology. <i>Journal of Instrumentation</i> , 2020 , 15, T08010-T08010		29
118	Measurement of the spin density matrix for the ρ^0 , $K^*(892)$ and F produced in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 406, 271-286	4.2	28
117	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
116	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

115	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
114	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
113	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
112	Measurement of trilinear gauge boson couplings WWV , ($V=Z, \gamma$) 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
111	Search for the standard model Higgs boson in Z^0 decays. <i>Nuclear Physics B</i> , 1994 , 421, 3-37	2.8	26
110	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
109	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
108	Measurement of correlations between pions from different W^+W^- events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 181-191	4.2	24
107	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
106	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
105	Measurement of the $e^+e^- \rightarrow \tau^+\tau^-$ cross section at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 327, 386-396	4.2	24
104	Measurement of 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	4.2	24
103	Measurement of $\frac{\Gamma_{\bar{b}b}}{\Gamma_{had}}$ using impact parameter measurements and lepton identification. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 66, 323-339		23
102	Study of rare b decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 207-220		22
101	Search for scalar leptoquarks from Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 222-230	4.2	22
100	Search for scalar quarks in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 148-156	4.2	22
99	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
98	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

97	Measurement of inclusive 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
96	Measurement of the partial width of the Z^0 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
95	Measurements of the trilinear gauge boson couplings WWV ($V=Z$) 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
94	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
93	Measurement of the partial width of the decay of the Z^0 into charm quark pairs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 140-148	4.2	20
92	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
91	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
90	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	2.8	19
89	Determination of Γ_S for b quarks at the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 221-236	4.2	19
88	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
87	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
86	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
85	Measurements of the ρ polarisation in Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 183-201		17
84	Measurement of the forward-backward asymmetry of $e^+e^- \rightarrow \tau^+\tau^-$ ($b\bar{b}$) using prompt leptons and a lifetime tag. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 569-585		17
83	A measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 267, 422-430	4.2	17
82	Search for invisible modes of nucleon decay in water with the SNO+ detector. <i>Physical Review D</i> , 2019 , 99,	4.9	16
81	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
80	A measurement of Γ_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

79	Measurement of the $(\Gamma_{b\bar{b}}/\Gamma_{had})$ branching ratio of the Z by double hemisphere tagging. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 65, 555-568		16
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	A measurement of the tau lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 302, 356-368	4.2	16
76	Supernova neutrino burst detection with the Deep Underground Neutrino Experiment. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	16
75	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
74	A measurement of the mean lifetimes of charged and neutral B -hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 312, 253-266	4.2	15
73	A study of B^0 mixing using semileptonic decays of B hadrons produced from Z^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 301, 145-154	4.2	15
72	Search for the t and b quarks in hadronic decays of the Z^0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 242, 536-546	4.2	15
71	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	4.2	14
70	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
69	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
68	A measurement of the B_s^0 meson mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 324, 500-508	4.2	14
67	Charged kaon production in tau decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 334, 435-449	4.2	14
66	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
65	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
64	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
63	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
62	Measurement of $\psi(1232)$ 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

61	Search for heavy neutral Higgs bosons in two-doublet models. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 67, 69-79		13
60	Study of orientation of three-jet events in Z0 hadronic decays using the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 274, 498-506	4.2	13
59	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
58	Limits on the masses of supersymmetric particles at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 38-54	4.2	12
57	First evidence of hard scattering processes in single tagged τ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 342, 402-416	4.2	12
56	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
55	Measurement of time dependent B_d^0 - B_d^0 mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 338, 409-420	4.2	12
54	Measurement of the B8 solar neutrino flux in SNO+ with very low backgrounds. <i>Physical Review D</i> , 2019 , 99,	4.9	12
53	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
52	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
51	B^* production in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 353-362		11
50	Lifetime of charged and neutral B hadrons using event topology. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1995 , 68, 363-374		11
49	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
48	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
47	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
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