

Jorge Casaus

List of Publications by Year in descending order

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265
papers

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citations

43973

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112
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266
all docs

266
docs citations

266
times ranked

9531
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	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. Physical Review Letters, 2013, 110, 141102.	2.9	852
4	Precision Measurement of the Proton Flux in Primary Cosmic Rays from Rigidity 1.8 GV to 1.8 TV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2015, 114, 171103.	2.9	655
5	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
6	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	10.3	453
7	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. Physical Review Letters, 2014, 113, 121101.	2.9	428
8	Electron and Positron Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 121102.	2.9	397
9	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. Physical Review Letters, 2015, 115, 211101.	2.9	369
10	The Alpha Magnetic Spectrometer (AMS) on the International Space Station: Part I – results from the test flight on the space shuttle. Physics Reports, 2002, 366, 331-405.	10.3	366
11	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. Physical Review Letters, 2016, 117, 091103.	2.9	295
12	Cosmic-ray positron fraction measurement from 1 to 30 GeV with AMS-01. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 145-154.	1.5	269
13	Cosmic protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 27-35.	1.5	242
14	Precision Measurement of the e^+ Fraction in Primary Cosmic Rays of 0.5–500 GeV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 221102.	2.9	238
15	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. Physical Review Letters, 2016, 117, 231102.	2.9	236
16	Leptons in near earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 484, 10-22.	1.5	224
17	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. Physical Review Letters, 2017, 119, 251101.	2.9	204
18	Protons in near earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 215-226.	1.5	175

#	ARTICLE	IF	CITATIONS
19	Towards Understanding the Origin of Cosmic-Ray Positrons. <i>Physical Review Letters</i> , 2019, 122, 041102.	2.9	174
20	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.	2.9	172
21	The forward muon detector of L3. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 383, 342-366.	0.7	164
22	Helium in near Earth orbit. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 494, 193-202.	1.5	145
23	Search for heavy neutral and charged leptons in $e+e\bar{e}$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 517, 75-85.	1.5	123
24	Search for antihelium in cosmic rays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 461, 387-396.	1.5	114
25	Towards Understanding the Origin of Cosmic-Ray Electrons. <i>Physical Review Letters</i> , 2019, 122, 101101.	2.9	109
26	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 598, 15-32.	1.5	100
27	Single- and multi-photon events with missing energy in $e+e\bar{e}$ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 587, 16-32.	1.5	100
28	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.	2.9	98
29	Studies of hadronic event structure in $e+e-$ annihilation from 30 to 209GeV with the L3 detector. <i>Physics Reports</i> , 2004, 399, 71-174.	10.3	90
30	Search for scalar leptons and scalar quarks at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 580, 37-49.	1.5	87
31	Measurement of $\hat{1}\hat{\Delta}^2(958)$ formation in two-photon collisions at LEP1. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 418, 399-410.	1.5	78
32	Higgs candidates in $e+e\bar{e}$ interactions at \hat{A} GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 495, 18-25.	1.5	74
33	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.	2.9	68
34	Search for single top production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 549, 290-300.	1.5	63
35	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.	2.9	62
36	Search for heavy isosinglet neutrino in $e+e\bar{e}$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 517, 67-74.	1.5	60

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37	Search for doubly-charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 18-28.	1.5	60
38	Search for new physics in energetic single photon production in e^+e^- annihilation at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 201-209.	1.5	58
39	Measurement of the anomalous magnetic and electric dipole moments of the tau lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 169-179.	1.5	58
40	Measurement of α_s and a new limit for α_s . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 327-337.	1.5	57
41	Measurement of inclusive production of neutral hadrons from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 328, 223-233.	1.5	52
42	Measurements of cross sections and forward-backward asymmetries at the Z resonance and determination of electroweak parameters. European Physical Journal C, 2000, 16, 1-40.	1.4	52
43	Search for neutral Higgs boson production through the process $e^+e^- \rightarrow Z^* \rightarrow H^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 454-470.	1.5	50
44	Search for manifestations of new physics in fermion-pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 81-92.	1.5	50
45	$f_1(1285)$ formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 269-277.	1.5	50
46	RELATIVE COMPOSITION AND ENERGY SPECTRA OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2010, 724, 329-340.	1.6	50
47	Search for anomalous $Z \rightarrow \tau^+ \tau^-$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 609-616.	1.5	49
48	Search for charginos and neutralinos in e^+e^- collisions at $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 420-433.	1.5	49
49	Search for low scale gravity effects in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 464, 135-144.	1.5	47
50	Measurements of the cross sections for open charm and beauty production in $\tau^+\tau^-$ collisions at $\sqrt{s} = 202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 10-20.	1.5	46
51	Standard model Higgs boson with the L3 experiment at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 319-331.	1.5	46
52	Search for neutralinos in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 109-119.	1.5	45
53	Study of the hadronic photon structure function F_2^{γ} at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 403-416.	1.5	45
54	Study of the structure of hadronic events and determination of α_s at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 137-148.	1.5	44

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55	Light resonances in $K_S^0 \rightarrow \pi^+ \pi^-$ and $K_S^0 \rightarrow \pi^+ \pi^- \pi^0$ final states in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 501, 1-11.	1.5	44
56	Measurement of triple-gauge-boson couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 151-166.	1.5	44
57	Search for extra dimensions in boson and fermion pair production in e^+e^- interactions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 470, 281-288.	1.5	43
58	$K_S^0 K_S^0$ final state in two-photon collisions and implications for glueballs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 501, 173-182.	1.5	41
59	Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587.	1.4	41
60	Cross section of hadron production in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 450-464.	1.5	40
61	Properties of Cosmic Helium Isotopes Measured by the Alpha Magnetic Spectrometer. Physical Review Letters, 2019, 123, 181102.	2.9	40
62	Measurement of the cross-section for the process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 333-342.	1.5	39
63	Single and multi-photon events with missing energy in e^+e^- collisions at $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 470, 268-280.	1.5	38
64	Search for charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 208-220.	1.5	38
65	In-beam aerogel light yield characterization for the AMS RICH detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 237-249.	0.7	38
66	The Alpha Magnetic Spectrometer (AMS). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 119-122.	0.7	37
67	Search for branons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154.	1.5	37
68	ISOTOPIC COMPOSITION OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2011, 736, 105.	1.6	37
69	Total cross section in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 33-45.	1.5	35
70	Tests of QED at LEP energies using $e^+e^- \rightarrow \mu^+\mu^- (\gamma)$ and $e^+e^- \rightarrow \mu^+\mu^- \gamma, \mu^+\mu^- \gamma \gamma, \mu^+\mu^- \gamma \gamma \gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 136-144.	1.5	33
71	QCD studies and determination of $\Gamma_{\mu\mu}$ in e^+e^- collisions at and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 390-402.	1.5	33
72	Measurement of the inclusive charmless semileptonic branching fraction of beauty hadrons and a determination of $ V_{ub} $ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 174-186.	1.5	33

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73	Measurement of an elongation of the pion source in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 517-528.	1.5	33
74	Search for R-parity violating decays of supersymmetric particles in $e+e^{\bar{e}}$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 65-80.	1.5	33
75	Study of the $W+W\hat{A}^{\hat{3}}$ process and limits on anomalous quartic gauge boson couplings at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 29-38.	1.5	33
76	Measurement of the Fermi constant by FAST. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 172-180.	1.5	33
77	A measurement of \hat{I} , polarization at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 341, 245-256.	1.5	32
78	Search for the standard model Higgs boson in $e+e^{\bar{e}}$ interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 373-386.	1.5	32
79	QCD results from studies of hadronic events produced in $e+e^{\bar{e}}$ annihilations at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 569-582.	1.5	32
80	Pair-production of W bosons in $e+e^{\bar{e}}$ interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 223-238.	1.5	31
81	Determination of $\hat{I}\pm s$ from hadronic event shapes in $e+e^{\bar{e}}$ annihilation at \hat{A} GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 217-228.	1.5	31
82	Measurement of the cross section of W-boson pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 600, 22-40.	1.5	31
83	Measurement of the. European Physical Journal C, 1998, 5, 195.	1.4	31
84	Measurement of the running of the electromagnetic coupling at large momentum-transfer at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 26-36.	1.5	30
85	Measurement of energetic single-photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 190-198.	1.5	29
86	The Q2 evolution of the hadronic photon structure function $\hat{F}\hat{I}^{\hat{3}2}$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 147-156.	1.5	29
87	Measurement of the shadowing of high-energy cosmic rays by the Moon: A search for TeV-energy antiprotons. Astroparticle Physics, 2005, 23, 411-434.	1.9	28
88	Measurement of hadron and lepton-pair production at GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 101-117.	1.5	27
89	The AMS RICH detector. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 147-153.	0.5	27
90	Measurement of exclusive $\hat{I}\hat{O}\hat{I}\hat{O}$ production in two-photon collisions at high Q2 at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 11-22.	1.5	27

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91	Measurement of hadron and lepton-pair production at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 195-210.	1.5	26
92	Search for supersymmetric particles at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 289-303.	1.5	26
93	Searches for scalar quarks in e^+e^- interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 308-320.	1.5	26
94	B^0 production in Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 589-597.	1.5	25
95	Measurement of the spectroscopy of orbitally excited B mesons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 323-334.	1.5	25
96	Measurement of triple-gauge-boson couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 467, 171-184.	1.5	25
97	Measurement of R_{b} and $\text{Br}(\text{b} \rightarrow \text{X})$ at LEP using double-tag methods. European Physical Journal C, 2000, 13, 47-61.	1.4	25
98	Measurement of the inclusive $\text{b} \rightarrow \text{c}$ branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 201-208.	1.5	24
99	Search for neutral charmless B decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 127-136.	1.5	24
100	Determination of the number of light neutrino species from single photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 199-208.	1.5	24
101	Search for charginos with a small mass difference to the lightest supersymmetric particle at $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 482, 31-42.	1.5	24
102	Measurement of mass and width of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 386-398.	1.5	23
103	Search for a Higgs boson decaying into two photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 534, 28-38.	1.5	23
104	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 23-34.	1.5	23
105	Single and multi-photon events with missing energy in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 299-310.	1.5	22
106	Formation of the τ in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 155-166.	1.5	22
107	Measurement of the photon structure function at high Q^2 at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 373-386.	1.5	22
108	Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W^+W^-$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 139-150.	1.5	22

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109	Search for an invisibly-decaying Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 35-48.	1.5	22
110	Prototype study of the Cherenkov imager of the AMS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 560, 291-302.	0.7	22
111	QCD studies in e^+e^- annihilation from 30 GeV to 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 65-80.	1.5	21
112	Study of resonance formation in the mass region 1400~1500MeV through the reaction $\pi^+\pi^+\pi^0$. Journal of High Energy Physics, 2007, 2007, 018-018.	1.6	21
113	Measurements of mass, width and gauge couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 176-190.	1.5	20
114	Resonance formation in the $\pi^+\pi^-\pi^0$ final state in two-photon collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 147-158.	1.5	20
115	Measurement of the weak dipole moments of the τ , lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 207-216.	1.5	20
116	Study of neutral-current four-fermion and ZZ production in e^+e^- collisions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 450, 281-293.	1.5	20
117	Inclusive charm production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 83-93.	1.5	20
118	Study of Z boson pair production in e^+e^- collisions at LEP at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 363-375.	1.5	20
119	Measurement of the running of the fine-structure constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 40-48.	1.5	20
120	Search for charged Higgs bosons in e^+e^- collisions at centre-of-mass energies up to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 34-42.	1.5	20
121	Test of the τ -model of Bose-Einstein correlations and reconstruction of the source function in hadronic Z-boson decay at LEP. European Physical Journal C, 2011, 71, 1.	1.4	20
122	$\tau^+\tau^-$ formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 73-82.	1.5	19
123	Measurement of the lifetime of the tau lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 67-78.	1.5	19
124	Bose-Einstein correlations of neutral and charged pions in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 55-64.	1.5	19
125	Search for anomalous couplings in the Higgs sector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 89-102.	1.5	19
126	Measurement of the $B^0-\bar{B}^0$ mixing parameter and the forward-backward asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 542-553.	1.5	18

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127	Measurement of W -pair cross sections in e^+e^- interactions at and W -decay branching fractions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 437-452.	1.5	18
128	Study of anomalous $ZZ\tilde{\chi}^0$ and $Z\tilde{\chi}^0\tilde{\chi}^0$ couplings at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 187-198.	1.5	18
129	Double-tag events in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 39-51.	1.5	18
130	Production of single W bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 168-176.	1.5	17
131	Measurement of hadron and lepton-pair production at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 361-376.	1.5	17
132	K_S^0 and $\tilde{\chi}^0$ production in quark and gluon jets at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 389-401.	1.5	17
133	Search for the standard model Higgs boson in e^+e^- interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 376-386.	1.5	17
134	Search for scalar leptons in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 280-292.	1.5	17
135	Search for excited leptons in e^+e^- interactions at $\sqrt{s} \leq 202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 37-50.	1.5	17
136	The reaction at LEP and constraints on anomalous quartic gauge boson couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 43-51.	1.5	17
137	Measurement of W polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 147-156.	1.5	17
138	One-prong $\tilde{\chi}^0$ decays with neutral kaons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 487-497.	1.5	16
139	Study of the $K_S K_S^0$ final state in two-photon collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 118-126.	1.5	16
140	Search for excited leptons in e^+e^- annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 211-221.	1.5	16
141	Study of hadronic events and measurements of $\tilde{\chi}^0$ between 30 and 91 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 339-353.	1.5	16
142	Search for the Standard Model Higgs boson in e^+e^- collisions at up to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 225-236.	1.5	16
143	Measurement of the charm production cross section in $\tilde{\chi}^0$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 19-28.	1.5	16
144	Z boson pair-production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 133-144.	1.5	16

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145	Flavour independent search for neutral Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 14-27.	1.5	16
146	Measurement of hadron and lepton-pair production in e+e- collisions at $\sqrt{s}=192-208$ GeV at LEP. European Physical Journal C, 2006, 47, 1-19.	1.4	16
147	Measurement of exclusive branching fractions of hadronic one-prong tau decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 93-102.	1.5	15
148	Measurement of the branching ratios $\mathcal{B}(b \rightarrow e u X)$, $\mathcal{B}(\mu \rightarrow e u X)$ and $\mathcal{B}(u \rightarrow X)$. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 379-389.	1.5	15
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