

# Jorge Casaus

## List of Publications by Year in descending order

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266  
papers

14,296  
citations

44069

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266  
docs citations

266  
times ranked

9531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of an Antimatter Large Acceptance Detector In Orbit (ALADInO). Instruments, 2022, 6, 19.	1.8	6
2	Design and expected performances of the large acceptance calorimeter for the HERD space mission.. , 2021,, .		9
3	Properties of Cosmic Helium Isotopes Measured by the Alpha Magnetic Spectrometer. Physical Review Letters, 2019, 123, 181102.	7.8	40
4	Towards Understanding the Origin of Cosmic-Ray Positrons. Physical Review Letters, 2019, 122, 041102.	7.8	174
5	Towards Understanding the Origin of Cosmic-Ray Electrons. Physical Review Letters, 2019, 122, 101101.	7.8	109
6	Observation of New Properties of Secondary Cosmic Rays Lithium, Beryllium, and Boron by the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 120, 021101.	7.8	172
7	Observation of Complex Time Structures in the Cosmic-Ray Electron and Positron Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051102.	7.8	62
8	Observation of Fine Time Structures in the Cosmic Proton and Helium Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051101.	7.8	98
9	Precision Measurement of Cosmic-Ray Nitrogen and its Primary and Secondary Components with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051103.	7.8	68
10	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.	7.8	204
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.	7.8	295
12	Precision Measurement of the Boron to Carbon Flux Ratio in Cosmic Rays from 1.9ÂGeV to 2.6ÂTV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2016, 117, 231102.	7.8	236
13	Recent results of the AMS-02 experiment on the ISS. Journal of Physics: Conference Series, 2015, 631, 012046.	0.4	3
14	Precision Measurement of the Helium Flux in Primary Cosmic Rays of Rigidities 1.9ÂGeV to 3ÂTV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2015, 115, 211101.	7.8	369
15	Precision Measurement of the Proton Flux in Primary Cosmic Rays from Rigidity 1ÂGeV to 1.8 TV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2015, 114, 171103.	7.8	655
16	Precision Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>+</mml:mo><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math>	7.8	238
17	Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 221102. 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.	7.8	397
18	High Statistics Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5â€“500ÂGeV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 121101.	7.8	428

#	ARTICLE	IF	CITATIONS
19	First Results of the AMS-02 Experiment on the ISS. Journal of Physics: Conference Series, 2014, 531, 012007.	0.4	1
20	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	25.6	453
21	Design and performance of the FAST detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 700, 1-9.	1.6	3
22	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.	7.8	852
23	Test of the $\tilde{J}_{\mu\nu}$ -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.	3.9	20
24	Generalized event shape and energy flow studies in $e^+e^-$ annihilation at $\sqrt{s} = 91.2 \pm 208.0$ GeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
25	ISOTOPIC COMPOSITION OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2011, 736, 105.	4.5	37
26	RELATIVE COMPOSITION AND ENERGY SPECTRA OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2010, 724, 329-340.	4.5	50
27	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.	1.6	38
28	The second level trigger system of FAST. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 609, 235-243.	1.6	1
29	The AMS-02 experiment on the ISS. Journal of Physics: Conference Series, 2009, 171, 012045.	0.4	6
30	Measurement of the Fermi constant by FAST. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 172-180.	4.1	33
31	Study of the solar anisotropy of cosmic ray primaries of about 200 GeV energy with the L3+C muon detector. Astronomy and Astrophysics, 2008, 488, 1093-1100.	5.1	0
32	Study of resonance formation in the mass region 1400-1500 MeV through the reaction $\bar{p}p \rightarrow K^0 \bar{K}^0 \pi^0$ . Journal of High Energy Physics, 2007, 2007, 018-018.	4.7	21
33	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.	4.1	269
34	Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP. European Physical Journal C, 2007, 49, 395-410.	3.9	6
35	Analysis of the minimum-bias data using a single-event overflow scroll xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	3
36	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	25.6	974

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37	Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587.	3.9	41
38	Measurement of hadron and lepton-pair production in e+e- collisions at $\sqrt{s}=192\text{-}208\text{ GeV}$ at LEP. European Physical Journal C, 2006, 47, 1-19.	3.9	16
39	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	3.9	592
40	A search for flaring very-high-energy cosmic $\hat{\gamma}$ -ray sources with the L3+C muon spectrometer. Astroparticle Physics, 2006, 25, 298-310.	4.3	3
41	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.	1.6	22
42	The solar flare of the 14th of July 2000 (L3+C detector results). Astronomy and Astrophysics, 2006, 456, 351-357.	5.1	12
43	Search for an invisibly-decaying Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 35-48.	4.1	22
44	Z-boson production with two unobserved, back-to-back, hard photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 613, 118-127.	4.1	0
45	Compton scattering of quasi-real virtual photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 145-158.	4.1	11
46	Measurement of the cross section for open-beauty production in photon-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 619, 71-81.	4.1	2
47	Measurement of the photon structure function in e+e- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 26-36.	4.1	30
48	A study of cosmic ray secondaries induced by the Mir space station using AMS-01. Nuclear Instruments & Methods in Physics Research B, 2005, 234, 321-332.	1.4	2
49	Study of spin and decay-plane correlations of W bosons in the $e^+e^- \rightarrow W^+W^-$ process at LEP. European Physical Journal C, 2005, 40, 333-341.	3.9	4
50	Measurement of the shadowing of high-energy cosmic rays by the Moon: A search for TeV-energy antiprotons. Astroparticle Physics, 2005, 23, 411-434.	4.3	28
51	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 598, 15-32.	4.1	100

#	ARTICLE	IF	CITATIONS
55	Measurement of the Z-boson mass using $e^+e^- \rightarrow Z^0 \rightarrow e^+e^-$ events at centre-of-mass energies above the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 42-52.	4.1	8
56	Muon-pair and tau-pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 53-62.	4.1	13
57	In-beam tests of the AMS RICH prototype with secondary ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 525, 126-131.	1.6	15
58	Search for scalar leptons and scalar quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 37-49.	4.1	87
59	Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 19-30.	4.1	7
60	Flavour independent search for neutral Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 14-27.	4.1	16
61	Single- and multi-photon events with missing energy in $e^+e^-$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 587, 16-32.	4.1	100
62	Inclusive Lambda production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 140-150.	4.1	1
63	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.	4.1	44
64	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.	4.1	19
65	Measurement of exclusive $\pi^+\pi^-$ production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 103-114.	4.1	4
66	Search for branons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154.	4.1	37
67	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.	4.1	31
68	Inclusive jet production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 157-166.	4.1	9
69	Measurement of exclusive $\pi^+\pi^-$ production in two-photon collisions at high $Q^2$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 11-22.	4.1	3
70	Studies of hadronic event structure in $e^+e^-$ annihilation from 30 to 209 GeV with the L3 detector. Physics Reports, 2004, 399, 71-174.	25.6	90
71	Measurement of exclusive $\pi^+\pi^-$ production in two-photon collisions at high $Q^2$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 11-22.	4.1	27
72	Search for a Higgs boson decaying to weak boson pairs at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 191-204.	4.1	15

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73	Search for charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 208-220.	4.1	38
74	Measurement of charged-particle multiplicity distributions and their Hq moments in hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 109-119.	4.1	14
75	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 23-34.	4.1	23
76	Proton-antiproton pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 11-20.	4.1	9
77	Z boson pair-production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 133-144.	4.1	16
78	Search for doubly-charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 18-28.	4.1	60
79	The AMS experiment: a magnetic spectrometer in space. Nuclear Physics, Section B, Proceedings Supplements, 2003, 114, 259-273.	0.4	11
80	Inclusive charged hadron production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 554, 105-114.	4.1	15
81	Measurement of W polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 147-156.	4.1	17
82	Study of the $e^+e^- \rightarrow Z e^+e^-$ process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 73-81.	4.1	2
83	Search for the Standard Model Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 61-75.	4.1	1,175
84	Search for colour reconnection effects in $e^+e^- \rightarrow W^+W^-$ hadrons through particle-flow studies at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 202-212.	4.1	15
85	REVIEW ON PRECISION MEASUREMENTS OF HIGH ENERGY HADRONS. International Journal of Modern Physics A, 2002, 17, 1603-1612.	1.5	4
86	The Alpha Magnetic Spectrometer (AMS). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 119-122.	1.6	37
87	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.	25.6	366
88	Inclusive $\pi^0$ and $K_S^0$ production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 44-54.	4.1	12
89	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.	4.1	19
90	Search for R-parity violating decays of supersymmetric particles in $e^+e^-$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 65-80.	4.1	33

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91	$f_1(1285)$ formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 269-277.	4.1	50
92	Study of the $W+W\hat{A}^{\gamma}\hat{I}^3$ 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.	4.1	33
93	Study of multiphoton final states and tests of QED in $e+e\hat{A}^{\gamma}$ collisions at $s$ up to $209\hat{A}GeV$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 28-38.	4.1	11
94	Double-tag events in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 39-51.	4.1	18
95	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.	4.1	23
96	Inclusive production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 59-69.	4.1	8
97	$\hat{I}$ and $\hat{I}^0$ pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 24-33.	4.1	13
98	Determination of $\hat{I}\pm s$ from hadronic event shapes in $e+e\hat{A}^{\gamma}$ annihilation at $\hat{A}GeV$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 217-228.	4.1	31
99	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.	4.1	17
100	Measurement of genuine three-particle Bose-Einstein correlations in hadronic Z decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 185-198.	4.1	13
101	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e+e\hat{A}^{\gamma}$ interactions at up to $209\hat{A}GeV$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 30-42.	4.1	14
102	Measurement of Bose-Einstein correlations in $e+e\hat{A}^{\gamma}\hat{A}^{\gamma}W+W\hat{A}^{\gamma}$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 139-150.	4.1	22
103	Production of single W bosons at LEP and measurement of $WW\hat{I}^3$ gauge coupling parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 151-163.	4.1	15
104	Search for single top production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 549, 290-300.	4.1	63
105	The AMS RICH detector. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 147-153.	0.4	27
106	Search for R-parity violating decays of supersymmetric particles in $\mathit{e^+e^-}$ collisions at $\sqrt{s}=189$ GeV. European Physical Journal C, 2001, 19, 397-414.	3.9	11
107	Study of Z boson pair production in $e+e\hat{A}^{\gamma}$ interactions at $\hat{A}202\hat{A}GeV$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 23-38.	4.1	5
108	Light resonances in $K^0\hat{A}^{\pm}\hat{I}^{\pm}$ and $\hat{I}^0\hat{I}^{\pm}\hat{I}^{\pm}$ final states in $\hat{I}^3\hat{I}^3$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 501, 1-11.	4.1	44

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109	KOSKOS 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.	4.1	41
110	Search for excited leptons in $e+e^+$ interactions at $\sqrt{s}=202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 37-50.	4.1	17
111	Measurements of the cross sections for open charm and beauty production in $\bar{p}p$ collisions at $\sqrt{s}=202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 10-20.	4.1	46
112	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e+e^+$ interactions at $192\leq\sqrt{s}\leq 202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 21-33.	4.1	9
113	Study of the process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 505, 47-58.	4.1	6
114	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.	4.1	16
115	Measurement of the charm production cross section in $\bar{p}p$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 19-28.	4.1	16
116	Search for heavy isosinglet neutrino in $e+e^+$ annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 67-74.	4.1	60
117	Search for heavy neutral and charged leptons in $e+e^+$ annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 75-85.	4.1	123
118	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.	4.1	46
119	Total cross section in $\bar{p}p$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 33-45.	4.1	35
120	Measurement of the topological branching fractions of the $\bar{l}$ , lepton at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 189-198.	4.1	4
121	Measurement of the tau branching fractions into leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 47-60.	4.1	11
122	Hard-photon production and tests of QED at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 198-205.	4.1	8
123	Measurement of the running of the fine-structure constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 40-48.	4.1	20
124	Measurement of the probability of gluon splitting into charmed quarks in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 243-255.	4.1	12
125	Measurement of the $e+e^+\rightarrow\tau^+\tau^-\gamma^*\bar{p}p$ cross section and determination of quartic gauge boson couplings at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 39-49.	4.1	13
126	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.	4.1	27

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127	Measurement of the lifetime of the tau lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 67-78.	4.1	19
128	Inclusive $\hat{1}\Sigma^+$ and $\hat{1}\Sigma^0$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 79-88.	4.1	6
129	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.	4.1	24
130	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.	4.1	22
131	Leptons in near earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 484, 10-22.	4.1	224
132	Search for an invisibly decaying Higgs boson in $e^+e^-$ collisions at $\sqrt{s} = 183\text{--}189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 85-94.	4.1	7
133	Measurements of the production cross section and forward-backward asymmetry at centre-of-mass energies above the Z pole at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 71-84.	4.1	8
134	Production of single W bosons at GeV and measurement of $WW\hat{1}^3$ gauge couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 229-240.	4.1	9
135	Search for anomalous $ZZ\hat{1}^3$ and $Z\hat{1}^3\hat{1}^3$ couplings in the process $e^+e^- \rightarrow \hat{1}^3 Z$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 55-64.	4.1	11
136	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.	4.1	50
137	Determination of $\hat{1}^3/Z$ interference in $e^+e^-$ annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 93-101.	4.1	3
138	Search for anomalous couplings in the Higgs sector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 102-114.	4.1	4
139	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.	4.1	21
140	Search for a Higgs boson decaying into two photons in $e^+e^-$ interactions at $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 115-124.	4.1	8
141	Cosmic protons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 27-35.	4.1	242
142	Measurement of the $W+W\hat{1}^3$ cross section and direct limits on anomalous quartic gauge boson couplings at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 187-195.	4.1	13
143	Helium in near Earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 193-202.	4.1	145
144	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.	4.1	20

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145	Measurement of the W-pair production cross section and W-decay branching fractions in $e^+e^-$ interactions at $\sqrt{s}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 19-33.	4.1	13
146	Higgs candidates in $e^+e^-$ interactions at $\sqrt{s}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 495, 18-25.	4.1	74
147	Protons in near earth orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 215-226.	4.1	175
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