

Javier Berdugo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6181752/javier-berdugo-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

316
papers

13,724
citations

49
h-index

104
g-index

317
ext. papers

14,726
ext. citations

4.5
avg, IF

3.31
L-index

#	Paper	IF	Citations
316	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
315	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
314	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011 , 32, 193-316	1.3	496
313	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , 2006 , 47, 547	4.2	496
312	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
311	The construction of the L3 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 289, 35-102	1.2	465
310	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013 , 43, 3-18	2.4	389
309	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
308	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
307	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013 , 532, 119-244	27.7	291
306	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
305	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
304	Cosmic protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 27-35	4.2	236
303	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
302	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
301	A determination of the properties of the neutral intermediate vector boson Z ₀ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 231, 509-518	4.2	195
300	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

299	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	1.2	159
298	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
297	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
296	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
295	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
294	Search for heavy neutral and charged leptons in e^+e^- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 75-85	4.2	106
293	Search for antihelium in cosmic rays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 387-396	4.2	100
292	Towards Understanding the Origin of Cosmic-Ray Positrons. <i>Physical Review Letters</i> , 2019 , 122, 041102	7.4	92
291	Single- and multi-photon events with missing energy in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 587, 16-32	4.2	84
290	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	4.2	80
289	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	4.2	79
288	Studies of hadronic event structure in e^+e^- annihilation from 30 to 209 GeV with the L3 detector. <i>Physics Reports</i> , 2004 , 399, 71-174	27.7	79
287	Search for isosinglet neutral heavy leptons in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 371-382	4.2	76
286	Determination of Ξ s from jet multiplicities measured on the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 248, 464-472	4.2	76
285	A summary of experimental results from Mark J: High energy e^+e^- collisions at PETRA. <i>Physics Reports</i> , 1984 , 109, 131-226	27.7	76
284	Measurements of decays and the semileptonic branching ratio $BR(b \rightarrow \bar{c} X)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 261, 177-187	4.2	75
283	Measurement of $\chi(958)$ formation in two-photon collisions at LEP1. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 399-410	4.2	73
282	Measurement of the inclusive production of neutral pions and charged particles on the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 259, 199-208	4.2	72

281	Measurement of Z0 decays to hadrons, and a precise determination of the number of neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 237, 136-146	4.2	70
280	Mass limits for scalar muons, scalar electrons, and winos from e+e- collisions near $\sqrt{s} = 91$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 233, 530-537	4.2	69
279	Higgs candidates in e+e- interactions at $\sqrt{s} = 91$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 495, 18-25	4.2	68
278	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
277	Search for doubly-charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 576, 18-28	4.2	60
276	New particle searches. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 152, 439-442	4.2	57
275	Measurement of α_s and a new limit for α_s . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 396, 327-337	4.2	56
274	Search for single top production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 549, 290-300	4.2	55
273	Experimental Study of Inclusive Muon Spectra from Electron-Positron Collisions in the Energy Region 33. <i>Physical Review Letters</i> , 1983 , 51, 443-446	7.4	54
272	Towards Understanding the Origin of Cosmic-Ray Electrons. <i>Physical Review Letters</i> , 2019 , 122, 101101	7.4	53
271	Search for heavy isosinglet neutrino in e+e- annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 67-74	4.2	52
270	A test of QCD based on 4-jet events from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 248, 227-234	4.2	52
269	Measurement of inclusive production of neutral hadrons from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 328, 223-233	4.2	51
268	Measurement of Z0 \rightarrow b decay properties. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 416-424	4.2	51
267	Measurement of the anomalous magnetic and electric dipole moments of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 434, 169-179	4.2	49
266	Search for charginos and neutralinos in e+e- collisions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 472, 420-433	4.2	49
265	Model-Independent Second-Order Determination of the Strong-Coupling Constant α_s . <i>Physical Review Letters</i> , 1983 , 50, 2051-2053	7.4	49
264	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

263	Search for manifestations of new physics in fermion-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 81-92	4.2	48
262	Measurement of Charge Asymmetry in $e^+e^- \rightarrow \mu^+\mu^-$. <i>Physical Review Letters</i> , 1982 , 48, 1701-1704	7.4	47
261	Search for new physics in energetic single photon production in e^+e^- annihilation at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 412, 201-209	4.2	46
260	Measurements of the cross sections for open charm and beauty production in e^+e^- collisions at $s=189002$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 503, 10-20	4.2	46
259	Measurements of cross sections and forward-backward asymmetries at the Z resonance and determination of electroweak parameters. <i>European Physical Journal C</i> , 2000 , 16, 1-40	4.2	45
258	Search for low scale gravity effects in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 464, 135-144	4.2	45
257	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
256	Standard model Higgs boson with the L3 experiment at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 517, 319-331	4.2	44
255	Search for neutral Higgs boson production through the process $e^+e^- \rightarrow Z^* H_0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 385, 454-470	4.2	44
254	Study of the hadronic photon structure function F_2 at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 403-416	4.2	43
253	$f_1(1285)$ formation in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 526, 269-277	4.2	43
252	Measurement of triple-gauge-boson couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 586, 151-166	4.2	42
251	Isolated hard photon emission in hadronic Z_0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 472-484	4.2	42
250	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
249	Search for extra dimensions in boson and fermion pair production in e^+e^- interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 470, 281-288	4.2	41
248	Search for the neutral Higgs boson in Z_0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 248, 203-210	4.2	41
247	Search for Top Quark and a Test of Models without Top Quark up to 38.54 GeV at PETRA. <i>Physical Review Letters</i> , 1983 , 50, 799-802	7.4	41
246	Study of the structure of hadronic events and determination of β_S at $s = 130$ GeV and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 371, 137-148	4.2	40

245	Cross section of hadron production in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 408, 450-464	4.2	39
244	Measurement of the cross-section for the process $e^+e^- \rightarrow$ hadrons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 333-342	4.2	39
243	Light resonances in $K^0\bar{K}^0$ and η final states in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 501, 1-11	4.2	38
242	$K^0\bar{K}^0$ final state in two-photon collisions and implications for glueballs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 501, 173-182	4.2	38
241	Search for charged Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 575, 208-220	4.2	37
240	Determination of Γ_s from energy-energy correlations measured on the Z^0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 469-478	4.2	37
239	Single and multi-photon events with missing energy in e^+e^- collisions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 470, 268-280	4.2	36
238	High mass photon pairs in e^+e^- events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 337-346	4.2	36
237	Measurement of Γ_s from hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 307, 237-246	4.2	36
236	A measurement of the Z^0 leptonic partial widths and the vector and axial vector coupling constants. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 238, 122-130	4.2	36
235	Search for branons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 145-154	4.2	35
234	Total cross section in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 519, 33-45	4.2	34
233	ISOTOPIC COMPOSITION OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. <i>Astrophysical Journal</i> , 2011 , 736, 105	4.7	33
232	Search for R-parity violating decays of supersymmetric particles in e^+e^- collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 524, 65-80	4.2	33
231	Measurement of an elongation of the pion source in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 458, 517-528	4.2	33
230	Search for the standard model Higgs boson in e^+e^- interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 373-386	4.2	32
229	QCD studies and determination of Γ_s in e^+e^- collisions at and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 404, 390-402	4.2	32
228	Measurement of the inclusive charmless semileptonic branching fraction of beauty hadrons and a determination of $ V_{ub} $ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 174-186	4.2	32

227	Search for leptoquarks in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 261, 169-176	4.2	32
226	A measurement of ρ polarization in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 466-478	4.2	32
225	Search for a Z at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 306, 187-196	4.2	32
224	A measurement of mixing in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 703-712	4.2	32
223	Pair-production of W bosons in $e+e^-$ interactions at $\sqrt{s}=161$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 398, 223-238	4.2	31
222	QCD results from studies of hadronic events produced in $e+e^-$ annihilations at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 444, 569-582	4.2	31
221	Determination of β s from hadronic event shapes in $e+e^-$ annihilation at $\sqrt{s}=208$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 217-228	4.2	31
220	Search for lepton flavour violation in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 316, 427-434	4.2	31
219	Search for the Supersymmetric Partners of the Z0 and W \pm . <i>Physical Review Letters</i> , 1984 , 53, 1806-1809	7.4	31
218	Measurement of $e+e^- \rightarrow \mu^+\mu^-$: A test of electroweak theories. <i>Physical Review Letters</i> , 1985 , 55, 665-668	7.4	31
217	Search for charged Higgs, scalar tau and a test of technicolor models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1982 , 115, 345-348	4.2	31
216	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
215	A search for the neutral Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 303, 391-399	4.2	30
214	Measurement of g_A and g_V , the neutral current coupling constants to leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 236, 109-115	4.2	30
213	A precision measurement of the number of neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 249, 341-352	4.2	30
212	Study of hadron and inclusive muon production from $e+e^-$ annihilation at $\sqrt{s}=39.79$. <i>Physical Review D</i> , 1986 , 34, 681-691	4.9	30
211	Measurement of the Fermi constant by FAST. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 172-180	4.2	29
210	The Q2 evolution of the hadronic photon structure function F_2^{γ} at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 447, 147-156	4.2	29

209	Measurement of the strong coupling constant α_s for bottom quarks at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 271, 461-467	4.2	29
208	Search for New Particles in e^+e^- Annihilation from 39.79 to 45.52 GeV. <i>Physical Review Letters</i> , 1984 , 53, 134-137	7.4	29
207	Experimental Limits on the Production of Excited Leptons and Stable Heavy Leptons. <i>Physical Review Letters</i> , 1982 , 48, 967-970	7.4	29
206	Measurement of energetic single-photon production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 190-198	4.2	28
205	A measurement of τ polarization at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 341, 245-256	4.2	28
204	A direct determination of the number of light neutrino families from at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 209-221	4.2	28
203	Measurement of the cross section of W-boson pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 600, 22-40	4.2	27
202	Measurement of the forward-backward asymmetries at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 454-462	4.2	27
201	A measurement of the forward-backward asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 713-721	4.2	27
200	Measurement of the mass and the width of the W boson at LEP. <i>European Physical Journal C</i> , 2006 , 45, 569-587	4.2	26
199	Measurement of exclusive $\tau\tau$ production in two-photon collisions at high Q^2 at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 11-22	4.2	26
198	Measurement of hadron and lepton-pair production at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 101-117	4.2	25
197	Measurement of hadron and lepton-pair production at at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 370, 195-210	4.2	25
196	Search for supersymmetric particles at 130 GeV <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 289-303	4.2	25
195	Inclusive J production in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 288, 412-420	4.2	25
194	Searches for non-minimal Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 457-465	4.2	25
193	Measurement of the inclusive $b \rightarrow \bar{c}$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 332, 201-208	4.2	24
192	Decay properties of tau leptons measured at the Z0 resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 265, 451-461	4.2	24

191	Search for the charged Higgs boson in Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 511-517	4.2	24
190	Test of QED in $e+e\rightarrow\mu\mu$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 250, 199-204	4.2	24
189	Single and multi-photon events with missing energy in $e+e\rightarrow\mu\mu$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 444, 503-515	4.2	23
188	Search for charginos with a small mass difference to the lightest supersymmetric particle at $s = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 482, 31-42	4.2	22
187	A test of QCD based on 3-jet events from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 263, 551-562	4.2	22
186	Determination of the number of light neutrino species. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 292, 463-471	4.2	22
185	Properties of Cosmic Helium Isotopes Measured by the Alpha Magnetic Spectrometer. <i>Physical Review Letters</i> , 2019 , 123, 181102	7.4	21
184	Single and multi-photon events with missing energy in $e+e\rightarrow\mu\mu$ collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 415, 299-310	4.2	21
183	Measurement of Bose-Einstein correlations in $e+e\rightarrow W+W\rightarrow\mu\mu$ events at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 547, 139-150	4.2	21
182	Search for excited leptons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 568, 23-34	4.2	21
181	Measurement of the shadowing of high-energy cosmic rays by the Moon: A search for TeV-energy antiprotons. <i>Astroparticle Physics</i> , 2005 , 23, 411-434	2.4	21
180	QCD studies in $e+e\rightarrow\mu\mu$ annihilation from 30 GeV to 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 65-80	4.2	21
179	Formation of the μ in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 155-166	4.2	21
178	Measurement of the spectroscopy of orbitally excited B mesons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 465, 323-334	4.2	21
177	An improved measurement of BO-O mixing in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 288, 395-403	4.2	21
176	A test of quantum electrodynamics in the reaction $e+e\rightarrow\mu\mu\gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 288, 404-411	4.2	21
175	Search for a low mass neutral Higgs boson in Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 518-524	4.2	21
174	Search for excited neutrinos from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 525-532	4.2	21

173	Mass limits for excited electrons and muons from Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 177-184	4.2	21
172	Measurements of mass, width and gauge couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 176-190	4.2	20
171	Measurement of $\langle R_{\text{b}} \rangle$ and $\langle \text{Br}(\text{b} \rightarrow \ell \text{X}) \rangle$ at LEP using double-tag methods. <i>European Physical Journal C</i> , 2000 , 13, 47-61	4.2	20
170	Measurement of mass and width of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 454, 386-398	4.2	20
169	Study of neutral-current four-fermion and ZZ production in e^+e^- collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 450, 281-293	4.2	20
168	Inclusive charm production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 83-93	4.2	20
167	Study of Z boson pair production in e^+e^- collisions at LEP at $\sqrt{s}=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 465, 363-375	4.2	20
166	Search for neutral charmless B decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 127-136	4.2	20
165	Measurement of inclusive \bar{c} production in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 286, 403-412	4.2	20
164	\bar{c} production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 467-473	4.2	20
163	Measurement of the strong-coupling constant α_s to second order for 22 . <i>Physical Review Letters</i> , 1985 , 54, 1750-1753	7.4	20
162	Determination of the number of light neutrino species from single photon production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 431, 199-208	4.2	19
161	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
160	Measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 67-78	4.2	19
159	$\bar{c}\bar{c}$ formation in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 73-82	4.2	19
158	Measurement of triple-gauge-boson couplings of the W boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 467, 171-184	4.2	19
157	A determination of electroweak parameters from Z0 decays into charged leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 250, 183-192	4.2	19
156	Measurement of the weak dipole moments of the τ lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 207-216	4.2	18

155	Study of anomalous ZZ and $Z\gamma$ couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 187-198	4.2	18
154	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 589, 89-102	4.2	18
153	Double-tag events in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 531, 39-51	4.2	18
152	Search for an invisibly-decaying Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 609, 35-48	4.2	18
151	Measurement of the lifetime of B-hadrons and a determination of $ V_{cb} $. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 270, 111-122	4.2	18
150	Search for the neutral Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 450-458	4.2	18
149	Search for the neutral Higgs boson at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 283, 454-464	4.2	18
148	Production of single W bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 403, 168-176	4.2	17
147	Measurement of hadron and lepton-pair production at at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 361-376	4.2	17
146	Resonance formation in the $\mu\mu$ final state in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 147-158	4.2	17
145	Measurement of W-pair cross sections in $e+e\gamma$ interactions at and W-decay branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 437-452	4.2	17
144	Bose-Einstein correlations of neutral and charged pions in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 524, 55-64	4.2	17
143	Search for excited leptons in $e+e\gamma$ interactions at $\sqrt{s} = 202$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 37-50	4.2	17
142	Measurement of the running of the fine-structure constant. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 476, 40-48	4.2	17
141	Search for the standard model Higgs boson in $e+e\gamma$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 376-386	4.2	17
140	Measurement of the $B_0 \rightarrow 0$ mixing parameter and the forward-backward asymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 335, 542-553	4.2	17
139	The production and decay of tau leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 179, 177-182	4.2	17
138	Study of hadronic events and measurements of β_s between 30 and 91 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 339-353	4.2	16

137	K_S^0 and \bar{K}_S^0 production in quark and gluon jets at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 389-401	4.2	16
136	Flavour independent search for neutral Higgs bosons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 583, 14-27	4.2	16
135	The $e^+e^- \rightarrow Z \rightarrow q\bar{q}$ reaction at LEP and constraints on anomalous quartic gauge boson couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 540, 43-51	4.2	16
134	Measurement of W polarisation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 557, 147-156	4.2	16
133	Study of the $K_S^0 K_S^0$ final state in two-photon collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 118-126	4.2	16
132	Search for excited leptons in e^+e^- annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 370, 211-221	4.2	16
131	Measurement of the average lifetime of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 474-484	4.2	16
130	Search for excited taus from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 250, 205-211	4.2	16
129	Measurement of inclusive \bar{b} and b production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 393, 465-476	4.2	15
128	Search for the standard model Higgs boson in e^+e^- interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 431, 437-450	4.2	15
127	Production of single W bosons at LEP and measurement of WW gauge coupling parameters. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 547, 151-163	4.2	15
126	Z boson pair-production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 572, 133-144	4.2	15
125	Inclusive charged hadron production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 554, 105-114	4.2	15
124	Search for colour reconnection effects in $e^+e^- \rightarrow W+W^- \rightarrow$ hadrons through particle-flow studies at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 202-212	4.2	15
123	Search for the Standard Model Higgs boson in e^+e^- collisions at up to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 508, 225-236	4.2	15
122	Measurement of the charm production cross section in τ collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 514, 19-28	4.2	15
121	Measurement of the Michel parameters and the average τ neutrino helicity from τ decays in $e^+e^- \rightarrow \tau\bar{\tau}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 313-324	4.2	15
120	Search for anomalous production of single-photon events in e^+e^- annihilations at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 469-476	4.2	15

119	Electroweak studies in e+e- collisions: 12Physical Review D, 1988 , 38, 2665-2678	4.9	15
118	Search for neutral B meson decays to two charged leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 474-480	4.2	14
117	Measurement of Bose-Einstein correlations in e+e- → W+W at 160 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 493, 233-248	4.2	14
116	Measurement of exclusive branching fractions of hadronic one-prong tau decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 93-102	4.2	14
115	One-prong τ decays with neutral kaons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 487-497	4.2	14
114	Measurement of the branching ratios $\{b \rightarrow e\nu : X\}$, $\{\mu \rightarrow \nu X\}$, $\{\tau \rightarrow \nu X\}$ and $\{\nu \rightarrow X\}$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 71, 379-389		14
113	Experimental Tests of Higher-Order Quantum Electrodynamics at Small Distances. <i>Physical Review Letters</i> , 1982 , 48, 721-725	7.4	14
112	Production of single W bosons in e+e- interactions at 130-183 GeV and limits on anomalous WW couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 417-427	4.2	13
111	Measurement of the effective weak mixing angle by jet-charge asymmetry in hadronic decays of the Z boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 225-236	4.2	13
110	Measurement of genuine three-particle Bose-Einstein correlations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 540, 185-198	4.2	13
109	Measurement of charged-particle multiplicity distributions and their Hq moments in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 577, 109-119	4.2	13
108	Measurement of the cross section for open-beauty production in photon-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 619, 71-81	4.2	13
107	Measurement of the W+W cross section and direct limits on anomalous quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 490, 187-195	4.2	13
106	Determination of the rigidity scale of the Alpha Magnetic Spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 869, 10-14	1.2	12
105	Measurement of ρ polarisation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 387-398	4.2	12
104	Angular multiplicity fluctuations in hadronic Z decays and comparison to QCD models and analytical calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 428, 186-196	4.2	12
103	Upper limit on the lifetime difference of short- and long-lived B0s mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 417-429	4.2	12
102	χ and Ω pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 24-33	4.2	12

101	Heavy quarkonium production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 453, 94-106	4.2	12
100	Measurement of η production in untagged two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 318, 575-582	4.2	12
99	Measurement of the $(\text{Re} B_{\text{d}} - \text{Im} B_{\text{d}})$ oscillation frequency 1998 , 5, 195		12
98	Inclusive η and KS^0 production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 524, 44-54	4.2	11
97	Measurement of the probability of gluon splitting into charmed quarks in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 476, 243-255	4.2	11
96	Search for anomalous ZZ and Z couplings in the process $e^+e^- \rightarrow Z^* \rightarrow \text{hadrons}$ at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 55-64	4.2	11
95	Searches for scalar top and scalar bottom quarks in e^+e^- interactions at 161 GeV and 83 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 445, 428-438	4.2	11
94	Measurement of the $e^+e^- \rightarrow Z^* \rightarrow b\bar{b}$ forward-backward asymmetry and the $B^0\bar{B}^0$ mixing parameter using prompt leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 448, 152-162	4.2	11
93	Search for heavy isosinglet neutrinos in e^+e^- annihilation at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 461, 397-404	4.2	11
92	Search for new particles in hadronic events with isolated photons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 409-418	4.2	11
91	Determination of quark electroweak couplings from direct photon production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 301, 136-144	4.2	11
90	Inclusive search for the charmless radiative decay of the b-quark ($b \rightarrow s\gamma$) <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 637-646	4.2	11
89	Search for excited leptons in e^+e^- annihilation at $\sqrt{s}=161$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 401, 139-149	4.2	10
88	Measurement of W-pair cross sections in e^+e^- interactions at and W-decay branching fractions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 419-431	4.2	10
87	Photon structure functions and azimuthal correlations of lepton pairs in tagged collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 363-378	4.2	10
86	Measurement of the average lifetime of b-hadrons in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 416, 220-232	4.2	10
85	Search for new physics phenomena in fermion-pair production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 433, 163-175	4.2	10
84	Measurement of hadron and lepton-pair production in e^+e^- collisions at $(\sqrt{s}=192-208$ GeV) at LEP. <i>European Physical Journal C</i> , 2006 , 47, 1-19	4.2	10

83	Muon-pair and tau-pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 53-62	4.2	10
82	Study of multiphoton final states and tests of QED in e^+e^- collisions at s up to 209 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 531, 28-38	4.2	10
81	Measurement of exclusive $\tau \rightarrow \mu \nu_\tau$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 615, 19-30	4.2	10
80	Search for R-parity violating decays of supersymmetric particles in $(\text{mathrm}{e^+e^-})$ collisions at $(\sqrt{s}=)$ 189 GeV. <i>European Physical Journal C</i> , 2001 , 19, 397-414	4.2	10
79	Measurement of the tau branching fractions into leptons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 47-60	4.2	10
78	Measurement of inclusive $D^* \rightarrow \tau \nu_\tau$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 467, 137-146	4.2	10
77	Energy and particle flow in three-jet and radiative two-jet events from hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 74-84	4.2	10
76	Measurement of τ production in two and three-jet events from hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 371, 126-136	4.2	10
75	Observation of multiple hard photon final states at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 384, 323-332	4.2	10
74	Measurement of the B_d^0 meson oscillation frequency. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 383, 487-498	4.2	10
73	Hard-photon production at and 172 GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 159-166	4.2	9
72	Search for R-parity breaking sneutrino exchange at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 373-381	4.2	9
71	Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $s = 130 - 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 389-402	4.2	9
70	Production of single W bosons at GeV and measurement of $WW \rightarrow \gamma\gamma$ gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 487, 229-240	4.2	9
69	Search for charged Higgs bosons in e^+e^- collisions at centre-of-mass energies between 130 and 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 446, 368-377	4.2	9
68	A measurement of the strong coupling constant α_s to complete second order. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 180, 181-184	4.2	9
67	Search for heavy neutral and charged leptons in e^+e^- annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 412, 189-200	4.2	8
66	Performance of the drift tubes for the barrel muon chambers of the CMS detector at LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 410, 133-147	1.2	8

65	Measurement of the Z-boson mass using $e^+e^- \rightarrow Z \rightarrow e^+e^-$ events at centre-of-mass energies above the Z pole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 42-52	4.2	8
64	Inclusive $D^* \bar{D}$ production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 535, 59-69	4.2	8
63	Proton-antiproton pair production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 571, 11-20	4.2	8
62	Measurement of the running of the electromagnetic coupling at large momentum-transfer at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 623, 26-36	4.2	8
61	Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $s=192 \div 202$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 503, 21-33	4.2	8
60	Search for a Higgs boson decaying into two photons in e^+e^- interactions at $s = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 115-124	4.2	8
59	Search for unstable sequential neutral and charged heavy leptons in e^+e^- annihilation at $s=130$ and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 304-312	4.2	8
58	A study of four-fermion processes at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 321, 283-294	4.2	8
57	Search for lepton flavour violation in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 271, 453-460	4.2	8
56	Production of e , $\bar{\nu}_e$ and $\bar{\nu}_\mu$ pairs in untagged two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 341-350	4.2	7
55	Study of magnetic field effects in drift tubes for the barrel muon chambers of the CMS detector at the LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 416, 243-252	1.2	7
54	Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 581, 19-30	4.2	7
53	Study of the τ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 119-130	4.2	7
52	Inclusive jet production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 602, 157-166	4.2	7
51	Hard-photon production and tests of QED at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 475, 198-205	4.2	7
50	Search for heavy neutral and charged leptons in e^+e^- annihilation at $s = 183$ and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 462, 354-364	4.2	7
49	Search for charged Higgs bosons in e^+e^- collisions at $s=189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 466, 71-78	4.2	7
48	Search for R-parity violating chargino and neutralino decays in e^+e^- collisions up to $s=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 354-366	4.2	7

47	Measurement of muon-pair production at 50 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 374, 331-340	4.2	7
46	Search for narrow high-mass resonances in radiative decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 262, 155-162	4.2	7
45	Search for SUSY particles $\tilde{\chi}, \tilde{\nu}, \tilde{g}$ in electron positron annihilation at 44 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 194, 167-172	4.2	7
44	Missing mass spectra in hadronic events from e^+e^- collisions at 161-172 GeV and limits on invisible Higgs decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 389-398	4.2	6
43	Study of the process at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 505, 47-58	4.2	6
42	Inclusive \bar{b} and b production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 479, 79-88	4.2	6
41	Measurements of the production cross section and forward-backward asymmetry at centre-of-mass energies above the Z pole at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 485, 71-84	4.2	6
40	Search for exclusive B decays to J and $\bar{b}r$ \bar{D} with the L3 detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 481-490	4.2	5
39	Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP. <i>European Physical Journal C</i> , 2007 , 49, 395-410	4.2	5
38	Study of Z boson pair production in e^+e^- interactions at $\sqrt{s} \approx 202$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 497, 23-38	4.2	5
37	Search for scalar leptons in e^+e^- collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 283-296	4.2	5
36	First test of tiltmeters for the alignment system of CMS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 431, 437-445 ^{1,2}		5
35	Muon detection in the L3 experiment at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 277, 187-193	1.2	5
34	Measurement of radiative Bhabha and quasi-real Compton scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 183-196	4.2	4
33	Simulations in the development of the barrel muon chambers for the CMS detector at LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 405, 20-29	1.2	4
32	Local multiplicity fluctuations in hadronic Z decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 429, 375-386	4.2	4
31	Search for anomalous couplings in the Higgs sector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 102-114	4.2	4
30	Search for excited leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 473, 177-185	4.2	4

29	Test results of the L3 precision muon detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 289, 335-341 ^{1,2}	4
28	Search for scalar leptons, charginos and neutralinos in $e^{(+)}e^{(-)}$ collisions at $(\sqrt{s})=161\text{--}172$ GeV 1998 , 4, 207	4
27	Neutral-current four-fermion production in $e+e$ interactions at 130 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 191-200	4.2 3
26	Analysis of the $\mu\mu$ and $\mu\tau$ final states in quasi-real two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 638, 128-139	4.2 3
25	Measurement of exclusive $\mu\mu$ production in high- Q^2 two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 597, 26-38	4.2 3
24	Compton scattering of quasi-real virtual photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 616, 145-158	4.2 3
23	Measurement of the photon structure function. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 622, 249-264	4.2 3
22	Determination of γZ interference in $e+e$ annihilation at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 93-101	4.2 3
21	First test results of semitransparent amorphous silicon sensors for the link system of the CMS alignment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 425, 469-479	1.2 3
20	Measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 187-196	4.2 3
19	Design and performance of the FAST detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 700, 1-9	1.2 2
18	Inclusive J/ψ , ψ' and ψ production in hadronic Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 407, 351-360	4.2 2
17	Upsilon production in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 413, 167-175	4.2 2
16	Test of CP invariance in $Z \rightarrow \mu\mu$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 436, 428-436	4.2 2
15	Measurement of exclusive $\mu\mu$ production in mid-virtuality two-photon interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 604, 48-60	4.2 2
14	Study of the $e+e \rightarrow Z e+e$ process at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 73-81	4.2 2
13	Neutral-current four-fermion production in $e+e$ interactions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 616, 159-173	4.2 2
12	The second level trigger system of FAST. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 609, 235-243	1.2 1

11	Search for anomalous four-jet events in e^+e^- annihilation at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 330-338	4.2	1
10	Measurement of the Michel parameters and the average tau-neutrino helicity from tau decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 438, 405-416	4.2	1
9	Inclusive Lambda production in two-photon collisions at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 586, 140-150	4.2	1
8	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
7	Determination of the effective electroweak mixing angle from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 309, 451-462	4.2	1
6	Study of Ξ inclined tracks in L3 muon chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990 , 290, 115-121	1.2	1
5	Study of the weak charged hadronic current in b decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 393, 477-486	4.2	
4	The alignment of the L3 forward-backward muon chambers at LEP200. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 384, 364-370	1.2	
3	Z-boson production with two unobserved, back-to-back, hard photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 613, 118-127	4.2	
2	Search for narrow vector resonances in the Z mass range. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 313, 326-332	4.2	
1	Space based cosmic ray experiments: highlights of recent results. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 110-116	0.4	