

Jasper Kirkby

List of Publications by Year in descending order

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340
papers

16,570
citations

34105

52
h-index

20358

116
g-index

380
all docs

380
docs citations

380
times ranked

11866
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.	4.1	1,175
2	Role of sulphuric acid, ammonia and galactic cosmic rays in atmospheric aerosol nucleation. Nature, 2011, 476, 429-433.	27.8	1,114
3	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	25.6	974
4	Molecular understanding of sulphuric acid–amine particle nucleation in the atmosphere. Nature, 2013, 502, 359-363.	27.8	774
5	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	3.9	592
6	The role of low-volatility organic compounds in initial particle growth in the atmosphere. Nature, 2016, 533, 527-531.	27.8	540
7	Ion-induced nucleation of pure biogenic particles. Nature, 2016, 533, 521-526.	27.8	528
8	Cosmic Rays, Clouds, and Climate. Science, 2002, 298, 1732-1737.	12.6	506
9	Oxidation Products of Biogenic Emissions Contribute to Nucleation of Atmospheric Particles. Science, 2014, 344, 717-721.	12.6	456
10	Electroweak measurements in electron–positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	25.6	453
11	Molecular understanding of atmospheric particle formation from sulfuric acid and large oxidized organic molecules. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17223-17228.	7.1	300
12	Global atmospheric particle formation from CERN CLOUD measurements. Science, 2016, 354, 1119-1124.	12.6	289
13	Neutral molecular cluster formation of sulfuric acid–dimethylamine observed in real time under atmospheric conditions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15019-15024.	7.1	208
14	Causes and importance of new particle formation in the present-day and preindustrial atmospheres. Journal of Geophysical Research D: Atmospheres, 2017, 122, 8739-8760.	3.3	198
15	Rapid growth of new atmospheric particles by nitric acid and ammonia condensation. Nature, 2020, 581, 184-189.	27.8	169
16	Cosmic Rays and Climate. Surveys in Geophysics, 2007, 28, 333-375.	4.6	168
17	Multicomponent new particle formation from sulfuric acid, ammonia, and biogenic vapors. Science Advances, 2018, 4, eaau5363.	10.3	164
18	Semileptonic Decays on the D Meson. Physical Review Letters, 1979, 43, 1073-1076.	7.8	128

#	ARTICLE	IF	CITATIONS
19	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
20	Rapid growth of organic aerosol nanoparticles over a wide tropospheric temperature range. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9122-9127.	7.1	118
21	The effect of acid-base clustering and ions on the growth of atmospheric nano-particles. Nature Communications, 2016, 7, 11594.	12.8	116
22	Nature of the τ - ν_{τ} Coupling. Physical Review Letters, 1979, 42, 749-752.	7.8	111
23	Reduced anthropogenic aerosol radiative forcing caused by biogenic new particle formation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12053-12058.	7.1	107
24	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
25	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
26	Effect of ions on sulfuric acid-water binary particle formation: 2. Experimental data and comparison with QC-normalized classical nucleation theory. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1752-1775.	3.3	99
27	Results from the CERN pilot CLOUD experiment. Atmospheric Chemistry and Physics, 2010, 10, 1635-1647.	4.9	96
28	Measurement of the D Semileptonic Branching Ratio in e^+e^- Annihilation at the $\Upsilon(3770)$. Physical Review Letters, 1978, 40, 671-674.	7.8	94
29	Measurement of the Threshold Behavior of $\tau^+\tau^-$ Production in e^+e^- Annihilation. Physical Review Letters, 1978, 41, 13-15.	7.8	94
30	Role of iodine oxoacids in atmospheric aerosol nucleation. Science, 2021, 371, 589-595.	12.6	94
31	New particle formation in the sulfuric acid-dimethylamine-water system: reevaluation of CLOUD chamber measurements and comparison to an aerosol nucleation and growth model. Atmospheric Chemistry and Physics, 2018, 18, 845-863.	4.9	92
32	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
33	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
34	On the composition of ammonia-sulfuric-acid ion clusters during aerosol particle formation. Atmospheric Chemistry and Physics, 2015, 15, 55-78.	4.9	84
35	Ion-induced sulfuric acid-ammonia nucleation drives particle formation in coastal Antarctica. Science Advances, 2018, 4, eaat9744.	10.3	79
36	Measurement of $\Upsilon(958)$ formation in two-photon collisions at LEP1. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 399-410.	4.1	78

#	ARTICLE	IF	CITATIONS
37	Higgs candidates in e^+e^- interactions at $\sqrt{s} = 189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 495, 18-25.	4.1	74
38	Evidence for Unequal Lifetimes of the D^0 and D^+ . <i>Physical Review Letters</i> , 1980, 45, 329-332.	7.8	73
39	Experimental particle formation rates spanning tropospheric sulfuric acid and ammonia abundances, ion production rates, and temperatures. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,377.	3.3	71
40	Heterogeneous ice nucleation of viscous secondary organic aerosol produced from ozonolysis of α -pinene. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6495-6509.	4.9	71
41	Molecular understanding of new-particle formation from α -pinene between -50 and $+25$ °C. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9183-9207.	4.9	68
42	Photo-oxidation of Aromatic Hydrocarbons Produces Low-Volatility Organic Compounds. <i>Environmental Science & Technology</i> , 2020, 54, 7911-7921.	10.0	66
43	Search for single top production at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 549, 290-300.	4.1	63
44	Study of Three-Pronged Decays and Determination of the A_1 Parameters. <i>Physical Review Letters</i> , 1986, 56, 2132-2135.	7.8	62
45	Size-dependent influence of NO_x on the growth rates of organic aerosol particles. <i>Science Advances</i> , 2020, 6, eaay4945.	10.3	61
46	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.	4.1	60
47	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.	4.1	60
48	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.	4.1	58
49	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.	4.1	58
50	Enhanced growth rate of atmospheric particles from sulfuric acid. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7359-7372.	4.9	58
51	Measurement of α and a new limit for β . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 396, 327-337.	4.1	57
52	Influence of temperature on the molecular composition of ions and charged clusters during pure biogenic nucleation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 65-79.	4.9	56
53	Observation of viscosity transition in α -pinene secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4423-4438.	4.9	55
54	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.	3.9	52

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55	Formation of Highly Oxygenated Organic Molecules from α -Pinene Ozonolysis: Chemical Characteristics, Mechanism, and Kinetic Model Development. ACS Earth and Space Chemistry, 2019, 3, 873-883.	2.7	52
56	Insight into Acid-Base Nucleation Experiments by Comparison of the Chemical Composition of Positive, Negative, and Neutral Clusters. Environmental Science & Technology, 2014, 48, 13675-13684.	10.0	51
57	Search for neutral Higgs boson production through the process $e^+e^- \rightarrow Z^0 H^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 454-470.	4.1	50
58	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
59	$f_1(1285)$ 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
60	The role of ions in new particle formation in the CLOUD chamber. Atmospheric Chemistry and Physics, 2017, 17, 15181-15197.	4.9	50
61	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.	4.1	49
62	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.	4.1	49
63	Molecular understanding of the suppression of new-particle formation by isoprene. Atmospheric Chemistry and Physics, 2020, 20, 11809-11821.	4.9	49
64	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.	4.1	47
65	Aqueous phase oxidation of sulphur dioxide by ozone in cloud droplets. Atmospheric Chemistry and Physics, 2016, 16, 1693-1712.	4.9	47
66	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.	4.1	46
67	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
68	Experimental investigation of ion-ion recombination under atmospheric conditions. Atmospheric Chemistry and Physics, 2015, 15, 7203-7216.	4.9	46
69	Search for neutralinos in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 109-119.	4.1	45
70	Study of the hadronic photon structure function F_2^h at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 403-416.	4.1	45
71	Study of the structure of hadronic events and determination of Γ_S at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 137-148.	4.1	44
72	Light resonances in $K_S^0 \rightarrow \pi^+ \pi^-$ and $\eta \rightarrow \pi^+ \pi^-$ final states in $\tau^+\tau^-$ 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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73	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
74	A fibre-optic UV system for H ₂ SO ₄ production in aerosol chambers causing minimal thermal effects. Journal of Aerosol Science, 2011, 42, 532-543.	3.8	44
75	Initial tests of a high resolution Scintillating Fibre (SCIFI) tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1987, 254, 500-514.	1.6	43
76	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.	4.1	43
77	Upper Bound on the ν_τ -Neutrino Mass from the Previously Unobserved Decay Mode $\tau \rightarrow \nu_\tau \gamma$. Physical Review Letters, 1985, 54, 624-627.	7.8	41
78	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
79	Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587.	3.9	41
80	Characterisation of organic contaminants in the CLOUD chamber at CERN. Atmospheric Measurement Techniques, 2014, 7, 2159-2168.	3.1	41
81	Cross section of hadron production in $\hat{p}\hat{p}$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 450-464.	4.1	40
82	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.	4.1	39
83	A new plastic scintillator with large stokes shift. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 276, 69-77.	1.6	38
84	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.	4.1	38
85	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
86	The driving factors of new particle formation and growth in the polluted boundary layer. Atmospheric Chemistry and Physics, 2021, 21, 14275-14291.	4.9	38
87	Search for branons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154.	4.1	37
88	Total cross section in $\hat{p}\hat{p}$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 33-45.	4.1	35
89	Charged D [*] Production in e ⁺ e ⁻ Annihilation at 29 GeV and a Limit on D ⁰ \rightarrow D ⁺ Mixing. Physical Review Letters, 1985, 54, 522-525.	7.8	33
90	Tests of QED at LEP energies using e ⁺ e ⁻ \rightarrow $\hat{p}\hat{p}$ (\hat{p}) and e ⁺ e ⁻ \rightarrow $\hat{p}\hat{p}$ (\hat{p}). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 136-144.	4.1	33

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91	QCD studies and determination of $\hat{\Gamma}_{\pm s}$ in e^+e^- collisions at and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 390-402.	4.1	33
92	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.	4.1	33
93	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.	4.1	33
94	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
95	Study of the $W+W\hat{\Gamma}^3$ 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
96	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
97	Evolution of particle composition in CLOUD nucleation experiments. Atmospheric Chemistry and Physics, 2013, 13, 5587-5600.	4.9	33
98	On the derivation of particle nucleation rates from experimental formation rates. Atmospheric Chemistry and Physics, 2015, 15, 4063-4075.	4.9	33
99	Measurement of the Average B- Hadron Lifetime. Physical Review Letters, 1984, 53, 1873-1876.	7.8	32
100	Search for the standard model Higgs boson in e^+e^- interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 373-386.	4.1	32
101	QCD results from studies of hadronic events produced in e^+e^- annihilations at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 569-582.	4.1	32
102	Molecular Composition and Volatility of Nucleated Particles from $\hat{\Gamma}$ -Pinene Oxidation between $\hat{\Gamma}^{\sim}50$ $\hat{\Gamma}^{\circ}C$ and $+25$ $\hat{\Gamma}^{\circ}C$. Environmental Science & Technology, 2019, 53, 12357-12365.	10.0	32
103	Pair-production of W bosons in e^+e^- interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 223-238.	4.1	31
104	Determination of $\hat{\Gamma}_{\pm s}$ from hadronic event shapes in e^+e^- annihilation at $\hat{\Gamma}GeV$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 217-228.	4.1	31
105	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
106	Measurement of the. European Physical Journal C, 1998, 5, 195.	3.9	31
107	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.	4.1	30
108	Properties of bottom quark jets in e^+e^- annihilation at 29 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 152, 399-403.	4.1	29

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109	Measurement of energetic single-photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 190-198.	4.1	29
110	The Q2 evolution of the hadronic photon structure function F_2^{γ} at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 147-156.	4.1	29
111	Hygroscopicity of nanoparticles produced from homogeneous nucleation in the CLOUD experiments. Atmospheric Chemistry and Physics, 2016, 16, 293-304.	4.9	29
112	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
113	Detection of $\epsilon^{-}\epsilon^{+}$ Coulomb Bound States. Physical Review Letters, 1976, 37, 249-252.	7.8	27
114	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
115	Measurement of exclusive $\gamma\gamma$ 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.	4.1	27
116	Thermodynamics of the formation of sulfuric acid dimers in the binary (H ₂ O) ₂ SO ₄ and ternary (H ₂ O) ₂ SO ₄ system. Atmospheric Chemistry and Physics, 2015, 15, 10701-10721.	4.9	27
117	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.	4.1	26
118	Search for supersymmetric particles at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 289-303.	4.1	26
119	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.	4.1	26
120	Synergistic HNO ₃ -H ₂ SO ₄ -NH ₃ upper tropospheric particle formation. Nature, 2022, 605, 483-489.	27.8	26
121	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.	4.1	25
122	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.	4.1	25
123	Measurement of R_{b} and $\text{Br}(\text{b} \rightarrow \text{ell}\gamma)$ at LEP using double-tag methods. European Physical Journal C, 2000, 13, 47-61.	3.9	25
124	Search for neutral charmless B decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 127-136.	4.1	24
125	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.	4.1	24
126	Single and multi-photon events with missing energy in e^+e^- collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 503-515.	4.1	24

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127	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
128	Unexpectedly acidic nanoparticles formed in dimethylamine-ammonia-sulfuric-acid nucleation experiments at CLOUD. Atmospheric Chemistry and Physics, 2016, 16, 13601-13618.	4.9	24
129	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.	4.1	23
130	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
131	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 23-34.	4.1	23
132	Prompt Electron Production in e^+e^- Annihilation at 29 GeV. Physical Review Letters, 1984, 52, 970-973.	7.8	22
133	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, 1997, 415, 299-310.	4.1	22
134	Formation of the \hat{c} in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 155-166.	4.1	22
135	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
136	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.	4.1	22
137	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
138	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
139	Study of resonance formation in the mass region 1400-1500 MeV through the reaction $\hat{\pi}^0 \rightarrow \pi^0 \gamma$. Journal of High Energy Physics, 2007, 2007, 018-018.	4.7	21
140	Measurement-model comparison of stabilized Criegee intermediate and highly oxygenated molecule production in the CLOUD chamber. Atmospheric Chemistry and Physics, 2018, 18, 2363-2380.	4.9	21
141	Measurement of ammonia, amines and iodine compounds using protonated water cluster chemical ionization mass spectrometry. Atmospheric Measurement Techniques, 2020, 13, 2501-2522.	3.1	21
142	Measurement of the Cabibbo-Suppressed Decays $\hat{\pi}^0 \rightarrow \pi^0 \gamma$, $\hat{\pi}^0 \rightarrow \pi^0 \gamma$, and $\hat{\pi}^0 \rightarrow \pi^0 \gamma$. Physical Review Letters, 1984, 52, 1944-1947.	4.1	20
143	Pion-pair production from $\hat{\pi}^0 \hat{\pi}^0$ interactions at PEP and the radiative width of the ρ^0 meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 227-231.	4.1	20
144	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.	4.1	20

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145	Resonance formation in the $\Upsilon(4S) \rightarrow \Upsilon(3S) + \Upsilon(1S)$ final state in two-photon collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 147-158.	4.1	20
146	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.	4.1	20
147	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.	4.1	20
148	Inclusive charm production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 83-93.	4.1	20
149	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.	4.1	20
150	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
151	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
152	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.	3.9	20
153	The LAA project. Rivista Del Nuovo Cimento, 1990, 13, 1-131.	5.7	19
154	$\Upsilon(4S)$ formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 73-82.	4.1	19
155	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
156	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
157	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
158	A measurement of the charge asymmetry in the decay $\tau^+ \rightarrow \tau^+ \Upsilon(4S) \rightarrow \Upsilon(3S) + \Upsilon(1S)$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1974, 48, 260-264.	4.1	18
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167	Search for the standard model Higgs boson in $e^+e^- \rightarrow \gamma^* \rightarrow H$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 461, 376-386.	4.1	17
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