

Stefan Roth

List of Publications by Year in descending order

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232
papers

12,756
citations

57758

44
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26613

107
g-index

234
all docs

234
docs citations

234
times ranked

9046
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	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	7.8	1,054
3	Indication of Reactor $\bar{\nu}_e$ Disappearance in the Double Chooz Experiment. Physical Review Letters, 2012, 108, 131801.	7.8	979
4	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	25.6	974
5	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	3.9	592
6	The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135.	1.6	585
7	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	25.6	453
8	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	7.8	369
9	First Observation of Self-Amplified Spontaneous Emission in a Free-Electron Laser at 109 nm Wavelength. Physical Review Letters, 2000, 85, 3825-3829.	7.8	344
10	Reactor $\bar{\nu}_e$ disappearance in the Double Chooz experiment. Physical Review D, 2012, 86, .	4.7	275
11	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\theta_{13} > 6.6^\circ$ on target. Physical Review D, 2015, 91, .	4.7	205
12	Improved measurements of the neutrino mixing angle $\hat{\theta}_{13}$ with the Double Chooz detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	181
13	Time projection chambers for the T2K near detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, 25-46.	1.6	178
14	Precise Measurement of the Neutrino Mixing Parameter $\hat{\theta}_{13}$ from Muon Neutrino Disappearance in an Off-Axis Beam. Physical Review Letters, 2014, 112, 181801.	7.8	168
15	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	4.7	165
16	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
17	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	4.7	116
18	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
37	f1(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
38	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
39	Measurements of the cross sections for open charm and beauty production in $\tau^+ \tau^-$ collisions at $\sqrt{s} = 202 \text{ GeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 10-20.	4.1	46
40	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
41	Search for neutralinos in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 109-119.	4.1	45
42	Study of the hadronic photon structure function F_2^{γ} at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 403-416.	4.1	45
43	Study of the structure of hadronic events and determination of $\hat{I}_{\pm S}$ at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 137-148.	4.1	44
44	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
45	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. Physical Review Letters, 2014, 113, 241803.	7.8	44
46	Measurement of the $\langle \sigma_{\text{QE}} \rangle$ quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	4.7	44
47	Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587.	3.9	41
48	First test of Lorentz violation with a reactor-based antineutrino experiment. Physical Review D, 2012, 86, .	4.7	41
49	Cross section of hadron production in $\tau^+ \tau^-$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 450-464.	4.1	40
50	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D 87, 012001 (2013)]. Physical Review D, 2013, 87, .	4.7	40
51	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
52	Measurement of the inclusive $\langle \sigma_{\text{CC}} \rangle$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, .	4.7	38
53	Measurement of from hadronic decays of the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 237-246.	4.1	37
54	Search for branons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154.	4.1	37

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55	Measurement of the $\langle \sigma_{\text{ch}} \rangle$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2015, 91, .	4.7	36
56	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.	4.1	35
57	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.	4.1	35
58	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.	4.1	34
59	Modelling and measurement of charge transfer in multiple GEM structures. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 498, 369-383.	1.6	34
60	Background-independent measurement of $\langle \sigma_{\text{had}} \rangle$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 353, 136-144.	4.1	34
61	Tests of QED at LEP energies using $e^+e^- \rightarrow \mu^+\mu^- \gamma$ and $e^+e^- \rightarrow \mu^+\mu^- \gamma \gamma$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 353, 136-144.	4.1	33
62	QCD studies and determination of $\langle \sigma_{\text{had}} \rangle$ 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.	4.1	33
63	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.	4.1	33
64	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.	4.1	33
65	Study of the $W^+W^- \gamma \gamma$ process and limits on anomalous quartic gauge boson couplings at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 527, 29-38.	4.1	33
66	A measurement of $\langle \sigma_{\text{had}} \rangle$, polarization at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 341, 245-256.	4.1	32
67	Search for the standard model Higgs boson in e^+e^- interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 411, 373-386.	4.1	32
68	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.	4.1	32
69	Neutrino oscillation physics potential of the T2K experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, .	6.6	32
70	Pair-production of W bosons in e^+e^- interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 398, 223-238.	4.1	31
71	Determination of $\langle \sigma_{\text{had}} \rangle$ from hadronic event shapes in e^+e^- annihilation at $\sqrt{s} = 130$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 536, 217-228.	4.1	31
72	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.	4.1	31

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73	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016, 116, 181801.	7.8	31
74	Measurement of the. <i>European Physical Journal C</i> , 1998, 5, 195.	3.9	31
75	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.	4.1	30
76	Charge transfer and charge broadening of GEM structures in high magnetic fields. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 530, 251-257.	1.6	30
77	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.	4.1	30
78	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.	4.1	29
79	The Q ² 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.	4.1	29
80	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.	4.3	28
81	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.	4.1	27
82	Search for supersymmetric particles at at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 377, 289-303.	4.1	26
83	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. <i>Physical Review D</i> , 2014, 89, .	4.7	26
84	$B_s^0 \rightarrow \tau^+\tau^-$ production in Z decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 345, 589-597.	4.1	25
85	Measurement of the inclusive $b \rightarrow \tau^+\tau^- X$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 332, 201-208.	4.1	24
86	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.	4.1	24
87	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.	4.1	24
88	Single and multi-photon events with missing energy in $e^+e^- \rightarrow \gamma^* \gamma^*$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 444, 503-515.	4.1	24
89	Search for a Higgs boson decaying into two photons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 534, 28-38.	4.1	23
90	Search for excited leptons at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 568, 23-34.	4.1	23

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91	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
92	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
93	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
94	Direct measurement of backgrounds using reactor-off data in Double Chooz. Physical Review D, 2013, 87, .	4.7	21
95	A time projection chamber with GEM-based readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 856, 109-118.	1.6	21
96	$\tilde{\chi}_c$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 467-473.	4.1	20
97	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
98	Resonance formation in the $\tilde{\chi}_c^+ \tilde{\chi}_c^0$ final state in two-photon collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 147-158.	4.1	20
99	Measurement of the weak dipole moments of the \tilde{L}_μ lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 207-216.	4.1	20
100	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
101	Test of the \tilde{L}_μ -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
102	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \tilde{\nu}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{rays}$ Physical Review D, 2014, 90, .	4.7	20
103	$\tilde{\chi}_c^2$ 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
104	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
105	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
106	Search for Lorentz and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	4.7	19
107	Measurement of the $B_0^i - 0$ mixing parameter and the forward-backward asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 542-553.	4.1	18
108	Measurement of W-pair cross sections in e^+e^- interactions at and W-decay branching fractions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 437-452.	4.1	18

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109	Study of anomalous $Z\hat{\Gamma}^3$ and $Z\hat{\Gamma}^3\hat{\Gamma}^3$ couplings at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 187-198.	4.1	18
110	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
111	Measurement of the average lifetime of b hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 474-484.	4.1	17
112	An S matrix analysis of the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 315, 494-502.	4.1	17
113	Production of single W bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 168-176.	4.1	17
114	Measurement of hadron and lepton-pair production at at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 361-376.	4.1	17
115	K_S^0 and \hat{b} production in quark and gluon jets at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 389-401.	4.1	17
116	Search for excited leptons in $e+e\hat{a}^{\sim}$ interactions at $\hat{a}\hat{e}202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 37-50.	4.1	17
117	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
118	Measurement of W polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 147-156.	4.1	17
119	One-prong \hat{D}_s^{\sim} , decays with neutral kaons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 487-497.	4.1	16
120	Study of the $K_S^0K_S^0$ final state in two-photon collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 118-126.	4.1	16
121	Search for excited leptons in $e+e\hat{a}^{\sim}$ annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 211-221.	4.1	16
122	Study of hadronic events and measurements of \hat{I}^{\pm} s between 30 and 91 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 411, 339-353.	4.1	16
123	Search for the Standard Model Higgs boson in $e+e\hat{a}^{\sim}$ collisions at up to $202\hat{A}GeV$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 225-236.	4.1	16
124	Measurement of the charm production cross section in $\hat{\Gamma}^3\hat{\Gamma}^3$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 19-28.	4.1	16
125	Z boson pair-production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 133-144.	4.1	16
126	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

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127	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
128	Measurement of exclusive branching fractions of hadronic one-prong tau decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 93-102.	4.1	15
129	Measurement of the branching ratios $\mathcal{B}(b \rightarrow e\bar{\nu}_e X)$, $\mathcal{B}(\mu \rightarrow e\bar{\nu}_e X)$, $\mathcal{B}(\tau \rightarrow e\bar{\nu}_e X)$ and $\mathcal{B}(u \rightarrow X)$. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 379-389.	1.5	15
130	Measurement of the Michel parameters and the average $\bar{\nu}_\mu$ neutrino helicity from $\bar{\nu}_\mu$ decays in $e^+e^- \rightarrow \tau^+ \bar{\nu}_\mu + \bar{\nu}_\mu \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 313-324.	4.1	15
131	Measurement of inclusive $\bar{\nu}_\mu$ and $\hat{\nu}_e$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 465-476.	4.1	15
132	Search for the standard model Higgs boson in $e^+e^- \rightarrow \tau^+ \tau^-$ interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 437-450.	4.1	15
133	Production of single W bosons at LEP and measurement of $WW\hat{\nu}^3$ gauge coupling parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 151-163.	4.1	15
134	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
135	Search for colour reconnection effects in $e^+e^- \rightarrow \tau^+ W^+ W^- \tau^-$ 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
136	Search for neutral B meson decays to two charged leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 474-480.	4.1	14
137	Measurement of $\bar{\nu}_\mu$ polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 387-398.	4.1	14
138	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
139	Search for short baseline $\hat{\nu}_\mu/2$ disappearance with the T2K near detector. Physical Review D, 2015, 91, .	4.7	14
140	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of $1 \leq E < 3\text{ GeV}$ with the T2K INGRID detector. Physical Review D, 2016, 93, .	4.7	14
141	Measurement of $\hat{\nu}_c$ production in untagged two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 575-582.	4.1	13
142	Production of single W bosons in $e^+e^- \rightarrow \tau^+ \tau^-$ interactions at GeV and limits on anomalous $WW\hat{\nu}^3$ couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 417-427.	4.1	13
143	Upper limit on the lifetime difference of short- and long-lived B ₀ s mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 438, 417-429.	4.1	13
144	Measurement of the effective weak mixing angle by jet-charge asymmetry in hadronic decays of the Z boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 439, 225-236.	4.1	13

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145	$\hat{1}$ and $\hat{1}0$ 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
146	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
147	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
148	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	13
149	Afterpulse measurements of R7081 photomultipliers for the Double Chooz experiment. Journal of Instrumentation, 2013, 8, P04029-P04029.	1.2	13
150	Inclusive search for the charmless radiative decay of the b-quark ($b \rightarrow s^* \gamma$). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 637-646.	4.1	12
151	Search for the decays $B_d^0 \rightarrow \hat{1}^* \hat{1}^3$ and $B_s^0 \rightarrow \hat{1}^* \hat{1}^3$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 137-144.	4.1	12
152	Measurement of $\hat{1}$ -production in two and three-jet events from hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 126-136.	4.1	12
153	Angular multiplicity fluctuations in hadronic Z decays and comparison to QCD models and analytical calculations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 186-196.	4.1	12
154	Search for new physics phenomena in fermion-pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 163-175.	4.1	12
155	Searches for scalar top and scalar bottom quarks in $e^+e^- \rightarrow \gamma^* \gamma^*$ interactions at 161 GeV 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 445, 428-438.	4.1	12
156	Inclusive $\hat{1}0$ 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
157	Energy and particle flow in three-jet and radiative two-jet events from hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 74-84.	4.1	11
158	Evidence for gluon interference in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 145-154.	4.1	11
159	Observation of multiple hard photon final states at GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 323-332.	4.1	11
160	Search for new particles in hadronic events with isolated photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 409-418.	4.1	11
161	Search for excited leptons in $e^+e^- \rightarrow \gamma^* \gamma^*$ annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 139-149.	4.1	11
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