

Stefan Roth

List of Publications by Year in descending order

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231
papers

12,756
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57631

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26548

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234
docs citations

234
times ranked

9046
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Commissioning of a High Pressure Time Projection Chamber with Optical Readout. <i>Instruments</i> , 2021, 5, 22. | 0.8 | 4 |
| 2 | Off-Axis Characterisation of the CERN T10 Beam for low Momentum Proton Measurements with a High Pressure Gas Time Projection Chamber. <i>Instruments</i> , 2020, 4, 21. | 0.8 | 0 |
| 3 | A time projection chamber with GEM-based readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 856, 109-118. | 0.7 | 21 |
| 4 | Search for Lorentz and C violation using sidereal time dependence of neutrino flavor transitions over a short baseline. <i>Physical Review D</i> , 2017, 95, . | 1.6 | 19 |
| 5 | Upper bound on neutrino mass based on T2K neutrino timing measurements. <i>Physical Review D</i> , 2016, 93, . | 1.6 | 2 |
| 6 | 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. <i>Physical Review D</i> , 2016, 93, . | 1.6 | 14 |
| 7 | Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016, 116, 181801. | 2.9 | 31 |
| 8 | Neutrino oscillation physics potential of the T2K experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, . | 1.8 | 32 |
| 9 | Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\theta_{13} > 6.6^\circ$ on target. <i>Physical Review D</i> , 2015, 91, . | 1.6 | 205 |
| 10 | Measurement of the $\nu_{\mu} \rightarrow \nu_{\tau}$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2015, 91, . | 1.6 | 36 |
| 11 | Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 ν_e detector. <i>Physical Review D</i> , 2015, 91, . | 1.6 | 10 |
| 12 | Measurement of the $\nu_{\mu} \rightarrow \nu_{\tau}$ quasielastic cross section on carbon with the ND280 detector at T2K. <i>Physical Review D</i> , 2015, 92, . | 1.6 | 10 |
| 13 | Search for short baseline $\nu_{\mu} \rightarrow \nu_{\tau}$ disappearance with the T2K near detector. <i>Physical Review D</i> , 2015, 91, . | 1.6 | 14 |
| 14 | Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. <i>Physical Review Letters</i> , 2014, 113, 241803. | 2.9 | 44 |
| 15 | Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. <i>Physical Review D</i> , 2014, 89, . | 1.6 | 26 |
| 16 | Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation $\nu_{\mu} \rightarrow \nu_{\tau}$ rays. <i>Physical Review D</i> , 2014, 90, . | 1.6 | 20 |
| 17 | Ortho-positronium observation in the Double Chooz experiment. <i>Journal of High Energy Physics</i> , 2014, 2014, 1. | 1.6 | 8 |
| 18 | Improved measurements of the neutrino mixing angle θ_{13} with the Double Chooz detector. <i>Journal of High Energy Physics</i> , 2014, 2014, 1. | 1.6 | 181 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802. | 2.9 | 369 |
| 20 | Measurement of the inclusive $\langle \nu_{\mu} \nu_{\mu} \rangle$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, . | 1.6 | 38 |
| 21 | Precise Measurement of the Neutrino Mixing Parameter θ_{13} from Muon Neutrino Disappearance in an Off-Axis Beam. Physical Review Letters, 2014, 112, 181801. | 2.9 | 168 |
| 22 | Precision muon reconstruction in Double Chooz. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 330-339. | 0.7 | 9 |
| 23 | Background-independent measurement of $\langle \nu_{\mu} \nu_{\mu} \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, . | 1.5 | 34 |
| 24 | Recent Results from the T2K Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 246-247, 23-28. | 0.5 | 2 |
| 25 | T2K neutrino flux prediction. Physical Review D, 2013, 87, . | 1.6 | 165 |
| 26 | Measurement of the inclusive $\langle \nu_{\mu} \nu_{\mu} \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, . | 1.6 | 94 |
| 27 | Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803. | 2.9 | 79 |
| 28 | First measurement of $\langle \nu_{\mu} \nu_{\mu} \rangle$ from delayed neutron capture on hydrogen in the Double Chooz experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 66-70. | 1.5 | 84 |
| 29 | Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244. | 10.3 | 453 |
| 30 | Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, . | 1.6 | 116 |
| 31 | The trigger and timing system of the Double Chooz experiment. Journal of Instrumentation, 2013, 8, T01003-T01003. | 0.5 | 7 |
| 32 | Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, . | 1.6 | 40 |
| 33 | Direct measurement of backgrounds using reactor-off data in Double Chooz. Physical Review D, 2013, 87, . | 1.6 | 21 |
| 34 | Afterpulse measurements of R7081 photomultipliers for the Double Chooz experiment. Journal of Instrumentation, 2013, 8, P04029-P04029. | 0.5 | 13 |
| 35 | First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, . | 1.6 | 77 |
| 36 | Indication of Reactor $\langle \nu_{\mu} \nu_{\mu} \rangle$ Disappearance in the Double Chooz Experiment. Physical Review Letters, 2012, 108, 131801. | 2.9 | 979 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | First test of Lorentz violation with a reactor-based antineutrino experiment. Physical Review D, 2012, 86, . | 1.6 | 41 |
| 38 | Reactor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mi} \rangle \hat{1}/2 \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\wedge} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ disappearance in the Double Chooz experiment. Physical Review D, 2012, 86, . | 1.6 | 275 |
| 39 | Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 211-223. | 0.7 | 86 |
| 40 | The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135. | 0.7 | 585 |
| 41 | Test of the $\tilde{I},$ -model of Bose-Einstein correlations and reconstruction of the source function in hadronic Z-boson decay at LEP. European Physical Journal C, 2011, 71, 1. | 1.4 | 20 |
| 42 | Generalized event shape and energy flow studies in $e+e^{-}$ annihilation at $\sqrt{s} = 91.2\text{--}208.0$ GeV. Journal of High Energy Physics, 2011, 2011, 1. | 1.6 | 1 |
| 43 | 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. | 0.7 | 178 |
| 44 | Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801. | 2.9 | 1,054 |
| 45 | Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP. European Physical Journal C, 2007, 49, 395-410. | 1.4 | 6 |
| 46 | Development of a GEM-based High Resolution TPC for the ILC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 183-186. | 0.7 | 7 |
| 47 | Charge Transfer of GEM Structures in High Magnetic Fields. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 155-158. | 0.5 | 8 |
| 48 | Analysis of the $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x" \rangle$ | 1.5 | 3 |
| 49 | Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454. | 10.3 | 974 |
| 50 | Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587. | 1.4 | 41 |
| 51 | Measurement of hadron and lepton-pair production in $e+e^{-}$ collisions at $\sqrt{s}=192\text{--}208$ GeV at LEP. European Physical Journal C, 2006, 47, 1-19. | 1.4 | 16 |
| 52 | Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547. | 1.4 | 592 |
| 53 | A search for flaring very-high-energy cosmic \hat{I}^3 -ray sources with the L3+C muon spectrometer. Astroparticle Physics, 2006, 25, 298-310. | 1.9 | 3 |
| 54 | Search for an invisibly-decaying Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 35-48. | 1.5 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Z-boson production with two unobserved, back-to-back, hard photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 613, 118-127. Measurement of exclusive $\langle \text{mml:math altimg="s1.gif" overflow="scroll"} \rangle$ | 1.5 | 0 |
| 56 | Compton scattering of quasi-real virtual photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 145-158. Neutral-current four-fermion production in $\langle \text{mml:math altimg="s1.gif" overflow="scroll"} \rangle$ | 1.5 | 11 |
| 57 | 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. Measurement of the photon structure function $\langle \text{mml:math altimg="s1.gif" overflow="scroll"} \rangle$ | 1.5 | 3 |
| 58 | Measurement of the running of the electromagnetic coupling at large momentum-transfer at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 26-36. | 1.5 | 2 |
| 59 | Study of spin and decay-plane correlations of W bosons in the $e^+e^- \rightarrow W^+W^-$ process at LEP. European Physical Journal C, 2005, 40, 333-341. | 1.5 | 13 |
| 60 | Measurement of the shadowing of high-energy cosmic rays by the Moon: A search for TeV-energy antiprotons. Astroparticle Physics, 2005, 23, 411-434. | 1.5 | 5 |
| 61 | 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. | 1.5 | 30 |
| 62 | Development of a TPC for the future linear collider. European Physical Journal C, 2004, 33, s1026-s1028. | 1.4 | 4 |
| 63 | Measurement of the Z-boson mass using $e^+e^- \rightarrow \tau^+\tau^-Z^0$ events at centre-of-mass energies above the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 42-52. | 1.4 | 8 |
| 64 | 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. | 1.5 | 13 |
| 65 | Study of GEM structures for a TPC readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 103-105. | 0.7 | 2 |
| 66 | Charge transfer and charge broadening of GEM structures in high magnetic fields. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 530, 251-257. | 0.7 | 30 |
| 67 | Search for scalar leptons and scalar quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 37-49. | 1.5 | 87 |
| 68 | Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 19-30. | 1.5 | 7 |
| 69 | Flavour independent search for neutral Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 14-27. | 1.5 | 16 |

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|----|--|------|-----------|
| 73 | 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. | 1.5 | 100 |
| 74 | Inclusive Lambda production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 140-150. | 1.5 | 1 |
| 75 | Measurement of triple-gauge-boson couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 151-166. | 1.5 | 44 |
| 76 | Search for anomalous couplings in the Higgs sector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 89-102. | 1.5 | 19 |
| 77 | Measurement of exclusive $\chi_{c1}\chi_{c0}$ production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 103-110. | 1.5 | 11 |
| 78 | Measurement of exclusive $\chi_{c1}\chi_{c0}$ production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 103-110. | 1.5 | 4 |
| 79 | Search for branons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154. | 1.5 | 37 |
| 80 | Measurement of the cross section of W-boson pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 600, 22-40. | 1.5 | 31 |
| 81 | Inclusive jet production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 157-166. | 1.5 | 9 |
| 82 | Measurement of exclusive $\chi_{c1}\chi_{c0}$ production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 157-166. | 1.5 | 3 |
| 83 | Studies of hadronic event structure in e^+e^- annihilation from 30 to 209GeV with the L3 detector. Physics Reports, 2004, 399, 71-174. | 10.3 | 90 |
| 84 | Charge transfer of GEM structures in high magnetic fields. , 2004, 535, 330-330. | | 8 |
| 85 | STUDY OF GEM STRUCTURES FOR A TPC READOUT. , 2004, , . | | 0 |
| 86 | Measurement of exclusive $\tau^+\tau^-$ production in two-photon collisions at high Q ² at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 11-22. | 1.5 | 27 |
| 87 | Search for charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 208-220. | 1.5 | 38 |
| 88 | 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. | 1.5 | 14 |
| 89 | Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 23-34. | 1.5 | 23 |
| 90 | Proton-antiproton pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 11-20. | 1.5 | 9 |

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| 91 | Z boson pair-production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 133-144. | 1.5 | 16 |
| 92 | Search for doubly-charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 18-28. | 1.5 | 60 |
| 93 | Modelling and measurement of charge transfer in multiple GEM structures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 498, 369-383. | 0.7 | 34 |
| 94 | 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. | 1.5 | 15 |
| 95 | Measurement of W polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 147-156. | 1.5 | 17 |
| 96 | Study of the $e^+e^- \rightarrow \tau^+Z\tau^-$ process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 73-81. | 1.5 | 2 |
| 97 | Search for the Standard Model Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 61-75. | 1.5 | 1,175 |
| 98 | 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. | 1.5 | 15 |
| 99 | Inclusive η 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. | 1.5 | 12 |
| 100 | Bose-Einstein correlations of neutral and charged pions in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 55-64. | 1.5 | 19 |
| 101 | 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. | 1.5 | 33 |
| 102 | $f_1(1285)$ formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 269-277. | 1.5 | 50 |
| 103 | Study of the $W^+W^-\tau^+\tau^-$ process and limits on anomalous quartic gauge boson couplings at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 29-38. | 1.5 | 33 |
| 104 | Study of multiphoton final states and tests of QED in e^+e^- collisions at \sqrt{s} up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 28-38. | 1.5 | 11 |
| 105 | Double-tag events in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 39-51. | 1.5 | 18 |
| 106 | Search for a Higgs boson decaying into two photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 534, 28-38. | 1.5 | 23 |
| 107 | Inclusive production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 59-69. | 1.5 | 8 |
| 108 | $\hat{1}$ 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. | 1.5 | 13 |

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|-----|--|-----|-----------|
| 109 | Determination of $\Gamma_{\pm s}$ from hadronic event shapes in e^+e^- annihilation at \hat{A} GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 217-228. | 1.5 | 31 |
| 110 | The reaction at LEP and constraints on anomalous quartic gauge boson couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 43-51. | 1.5 | 17 |
| 111 | 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. | 1.5 | 13 |
| 112 | Measurement of Bose-Einstein correlations in $e^+e^- \rightarrow W^+W^-$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 139-150. | 1.5 | 22 |
| 113 | Production of single W bosons at LEP and measurement of $WW\hat{B}^3$ gauge coupling parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 151-163. | 1.5 | 15 |
| 114 | Search for single top production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 549, 290-300. | 1.5 | 63 |
| 115 | Search for excited leptons in e^+e^- interactions at $\hat{a} \approx 202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 37-50. | 1.5 | 17 |
| 116 | Measurements of the cross sections for open charm and beauty production in $\hat{B}^3\hat{B}^3$ collisions at $\hat{a} \approx 202 \hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 10-20. | 1.5 | 46 |
| 117 | Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $192 \hat{a} \approx 202 \hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 21-33. | 1.5 | 9 |
| 118 | Study of the process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 505, 47-58. | 1.5 | 6 |
| 119 | Search for the Standard Model Higgs boson in e^+e^- collisions at up to $202 \hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 508, 225-236. | 1.5 | 16 |
| 120 | Measurement of the charm production cross section in $\hat{B}^3\hat{B}^3$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 19-28. | 1.5 | 16 |
| 121 | Search for heavy isosinglet neutrino in e^+e^- annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 67-74. | 1.5 | 60 |
| 122 | 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. | 1.5 | 123 |
| 123 | Standard model Higgs boson with the L3 experiment at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 319-331. | 1.5 | 46 |
| 124 | Total cross section in $\hat{B}^3\hat{B}^3$ collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 33-45. | 1.5 | 35 |
| 125 | Measurement of the topological branching fractions of the \hat{L}_τ lepton at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 189-198. | 1.5 | 4 |
| 126 | Test results on the silicon pixel detector for the TTF-FEL beam trajectory monitor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 458, 710-719. | 0.7 | 7 |

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|-----|---|-----|-----------|
| 127 | A test of the laser alignment system ALMY at the TTF-FEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 475, 537-544. | 0.7 | 3 |
| 128 | Measurement of the tau branching fractions into leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 47-60. | 1.5 | 11 |
| 129 | Higgs candidates in $e^+e^- \rightarrow \tau^+\tau^-$ interactions at $\sqrt{s} = 183$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 495, 18-25. | 1.5 | 74 |
| 130 | Measurements of cross sections and forward-backward asymmetries at the Z resonance and determination of electroweak parameters. European Physical Journal C, 2000, 16, 1-40. | 1.4 | 52 |
| 131 | First Observation of Self-Amplified Spontaneous Emission in a Free-Electron Laser at 109 nm Wavelength. Physical Review Letters, 2000, 85, 3825-3829. | 2.9 | 344 |
| 132 | Searches for scalar top and scalar bottom quarks in $e^+e^- \rightarrow \tau^+\tau^-$ interactions at 161 GeV 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 445, 428-438. | 1.5 | 12 |
| 133 | Search for charged Higgs bosons in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at centre-of-mass energies between 130 and 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 368-377. | 1.5 | 11 |
| 134 | Measurement of the forward-backward asymmetry and the mixing parameter using prompt leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 448, 152-162. | 1.5 | 11 |
| 135 | χ_c^0 formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 73-82. | 1.5 | 19 |
| 136 | The Q ² evolution of the hadronic photon structure function $F_2^{\gamma^*}$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 147-156. | 1.5 | 29 |
| 137 | Inclusive charm production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 83-93. | 1.5 | 20 |
| 138 | K ⁰ s and Λ^0 production in quark and gluon jets at LEP [Phys. Lett. B 407 (1997) 389]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 427, 409-412. | 1.5 | 2 |
| 139 | Measurement of $\tilde{\alpha}_s$, polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 387-398. | 1.5 | 14 |
| 140 | Determination of the number of light neutrino species from single photon production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 199-208. | 1.5 | 24 |
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