

Federico Sanchez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7334010/publications.pdf>

Version: 2024-02-01

268
papers

12,605
citations

44444

50
h-index

33145

104
g-index

270
all docs

270
docs citations

270
times ranked

8695
citing authors

#	ARTICLE	IF	CITATIONS
19	Exhaustive neural importance sampling applied to Monte Carlo event generation. Physical Review D, 2020, 102, .	1.6	7
20	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	2.9	13
21	Likelihood-free inference of experimental neutrino oscillations using neural spline flows. Physical Review D, 2020, 101, .	1.6	1
22	Simultaneous measurement of the muon neutrino charged-current cross section on oxygen and carbon without pions in the final state at T2K. Physical Review D, 2020, 101, .	1.6	24
23	Measurement of the muon neutrino charged-current single $\bar{\nu}_e$ production on hydrocarbon using the T2K off-axis near detector ND280. Physical Review D, 2020, 101, .	1.6	9
24	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	13.7	313
25	Search for neutral-current induced single photon production at the ND280 near detector in T2K. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 08LT01.	1.4	10
26	Measurement of the muon neutrino charged-current cross sections on water, hydrocarbon and iron, and their ratios, with the T2K on-axis detectors. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	8
27	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	1.6	46
28	Search for light sterile neutrinos with the T2K far detector Super-Kamiokande at a baseline of 295 km. Physical Review D, 2019, 99, .	1.6	22
29	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ rays. Physical Review D, 2019, 100, .	1.6	15
30	Baby MIND Readout Electronics Architecture for Accelerator Neutrino Particle Physics Detectors Employing Silicon Photomultipliers. , 2019, , .		3
31	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	1.6	4
32	NuSTEC White Paper: Status and challenges of neutrino nucleus scattering. Progress in Particle and Nuclear Physics, 2018, 100, 1-68.	5.6	206
33	Cryogenic R5912-20Mod photomultiplier tube characterization for the ProtoDUNE dual phase detector. Journal of Instrumentation, 2018, 13, T10006-T10006.	0.5	16
34	A 4 tonne demonstrator for large-scale dual-phase liquid argon time projection chambers. Journal of Instrumentation, 2018, 13, P11003-P11003.	0.5	26
35	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mn} \rangle 2.2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{A} - \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 21 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Protons on Target. Physical Review Letters, 2018, 121, 171802.	2.9	165
36	Measurement of inclusive double-differential $\hat{1}/2 \hat{1}/4$ charged-current cross section with improved acceptance in the T2K off-axis near detector. Physical Review D, 2018, 98, .	1.6	23

#	ARTICLE	IF	CITATIONS
109	NEXT: double beta decay experiment. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 71-73.	0.5	3
110	Angular distributions of leptons from J/ψ 's produced in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 517-524.	1.4	32
111	Kinematic distributions and nuclear effects of J/ψ production in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 525-542.	1.4	64
112	$\Lambda(1520)$ production in p+A collisions at $\sqrt{s}=41.6$ GeV. European Physical Journal C, 2009, 61, 207-221.	1.4	3
113	International Scoping Study (ISS) for a future neutrino factory and Super-Beam facility. Detectors and flux instrumentation for future neutrino facilities. Journal of Instrumentation, 2009, 4, T05001-T05001.	0.5	36
114	Experimental study of the atmospheric neutrino backgrounds for τ searches in water Cherenkov detectors. Physical Review D, 2008, 77, .	1.6	9
115	Measurement of single charged pion production in the charged-current interactions of neutrinos in a 1.3 GeV wide band beam. Physical Review D, 2008, 78, .	1.6	39
116	Search for charged current coherent pion production on carbon in a few-GeV neutrino beam. Physical Review D, 2008, 78, .	1.6	72
117	Measurement of the axial vector mass in neutrino-Carbon interactions at K2K. AIP Conference Proceedings, 2007, , .	0.3	21
118	Neutrino interactions: experiments. Nuclear Physics, Section B, Proceedings Supplements, 2007, 168, 183-185.	0.5	0
119	Bulk micromegas detectors for large TPC applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 574, 425-432.	0.7	26
120	Characterization of a high resolution triple Gas Electron Multiplier (GEM) detector. Nuclear Physics, Section B, Proceedings Supplements, 2007, 172, 234-236.	0.5	1
121	Bottom production cross section from double muonic decays of b-flavoured hadrons in 920 GeV proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 103-110.	1.5	3
122	A Measurement of the $\bar{\nu}_e$ to J/ψ production ratio in 920 GeV proton-nucleus interactions. European Physical Journal C, 2007, 49, 545-558.	1.4	43
123	K^*0 and \bar{J}/ψ meson production in proton-nucleus interactions at $\sqrt{s}=41.6$ GeV. European Physical Journal C, 2007, 50, 315-328.	1.4	28
124	Measurement of $D0$, D^+ , D_s^+ and D^{*+} production in fixed target 920 GeV proton-nucleus collisions. European Physical Journal C, 2007, 52, 531-542.	1.4	33
125	Luminosity determination at HERA-B. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 401-412.	0.7	3
126	A GEM based TPC with two large 3-GEM Towers. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
127	Measurement of neutrino oscillation by the K2K experiment. Physical Review D, 2006, 74, .	1.6	498
128	Measurement of the quasielastic axial vector mass in neutrino interactions on oxygen. Physical Review D, 2006, 74, .	1.6	143
129	ν_e oscillation in the K2K experiment. Physical Review D, 2006, 74, .	1.5	20
130	Measurement of the $\bar{\nu}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 13-21.	1.5	7
131	Measurement of the ν_e production cross section in 920 GeV fixed-target proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 13-21.	1.5	20
132	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
133	Search for neutrino-induced charged current coherent pion production with carbon in a 1.3 GeV wide band muon neutrino beam. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 239-241.	0.5	2
134	Improved measurement of the $\bar{\nu}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physical Review D, 2006, 73, .	1.6	14
135	Improved Search for ν_e Oscillation in a Long-Baseline Accelerator Experiment. Physical Review Letters, 2006, 96, 181801.	2.9	45
136	Near detector complex for the T2K long base line experiment. Nuclear Physics, Section B, Proceedings Supplements, 2005, 139, 295-300.	0.5	2
137	HERA-B framework for online calibration and alignment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 574-583.	0.7	1
138	Search for Coherent Charged Pion Production in Neutrino-Carbon Interactions. Physical Review Letters, 2005, 95, 252301.	2.9	106
139	Design, construction, and initial performance of SciBar detector in K2K experiment. IEEE Transactions on Nuclear Science, 2005, 52, 2992-2997.	1.2	7
140	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. Physical Review Letters, 2005, 94, 081802.	2.9	375
141	Limits for the Central Production of $\bar{\nu}$ and $\bar{\nu}$ -Pentaquarks in 920-GeV pA Collisions. Physical Review Letters, 2004, 93, 212003.	2.9	70
142	Search for the flavor-changing neutral current decay $\nu_e \rightarrow \nu_\mu \gamma$. Physical Review Letters, 2004, 93, 212003.	1.5	7
143	HERA-B data acquisition system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 525, 566-581.	0.7	6
144	Neutrino oscillation physics with a higher- β beam. Nuclear Physics B, 2004, 695, 217-240.	0.9	108

#	ARTICLE	IF	CITATIONS
145	Measurement of the $\sigma_{b\bar{b}}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2003, 26, 345-355.	1.4	23
146	Inclusive V production cross sections from 920 GeV fixed target proton-nucleus collisions. European Physical Journal C, 2003, 29, 181-190.	1.4	15
147	Offline mass data processing using online computing resources at HERA-B. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 502, 471-474.	0.7	2
148	J/ψ production via Υ decays in 920 GeV pA interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 61-72.	1.5	29
149	Architecture of the HERA-B data acquisition system. IEEE Transactions on Nuclear Science, 2003, 50, 859-863.	1.2	4
150	Measurements of the structure of quark and gluon jets in hadronic Z decays. European Physical Journal C, 2000, 17, 1-18.	1.4	30
151	Search for the standard model Higgs boson at the LEP2 Collider near GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 336-351.	1.5	9
152	Analysis of transverse momentum correlations in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 183-198.	1.5	0
153	Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s} = 181-184$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 450, 467-478.	1.5	7
154	Search for invisible Higgs boson decays in e^+e^- collisions at centre-of-mass energies up to 184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 450, 301-312.	1.5	7
155	Determination of. European Physical Journal C, 1999, 6, 555.	1.4	26
156	Search for supersymmetry with a dominant R-parity violating. European Physical Journal C, 1999, 7, 383.	1.4	5
157	Search for charginos and neutralinos in e. European Physical Journal C, 1999, 11, 193.	1.4	17
158	Studies of Quantum Chromodynamics with the ALEPH detector. Physics Reports, 1998, 294, 1-165.	10.3	184
159	Measurement of triple gauge-boson couplings at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 369-383.	1.5	30
160	Resonant structure and flavour tagging in the B^0 system using fully reconstructed B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 215-226.	1.5	39
161	Search for sleptons in e^+e^- collisions at centre-of-mass energies up to 184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 176-194.	1.5	26
162	Search for charged Higgs bosons in e^+e^- collisions at centre-of-mass energies from 130 to 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 419-429.	1.5	9

#	ARTICLE	IF	CITATIONS
163	Search for supersymmetry in the photon(s) plus missing energy channels at GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 127-139.	1.5	18
164	Four-jet final state production in e^+e^- collisions at centre-of-mass energies ranging from 130 to 184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 196-204.	1.5	4
165	Measurement of the W mass by direct reconstruction in e^+e^- collisions at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 384-398.	1.5	15
166	Determination of AFB _b using jet charge measurements in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 217-230.	1.5	11
167	A measurement of the inclusive $b \rightarrow s \gamma$ branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 169-187.	1.5	259
168	Single- and multi-photon production in e^+e^- collisions at a centre-of-mass energy of 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 201-214.	1.5	36
169	Scalar quark searches in e^+e^- collisions at $\sqrt{s}=181-184$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 189-199.	1.5	23
170	The forward-backward asymmetry for charm quarks at the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 415-425.	1.5	8
171	A measurement of the gluon splitting rate into pairs in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 437-450.	1.5	22
172	Study of D^0 mixing and D^0 doubly Cabibbo-suppressed decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 211-221.	1.5	15
173	Search for the standard model Higgs boson at the LEP2 collider near. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 403-418.	1.5	7
174	Searches for the neutral Higgs bosons of the MSSM in e^+e^- collisions at centre-of-mass energies of 181-184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 419-434.	1.5	15
175	Measurement of triple gauge $WW\gamma^3$ couplings at LEP2 using photonic events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 445, 239-248.	1.5	8
176	Three-prong \tilde{l}_μ decays with charged kaons. European Physical Journal C, 1998, 1, 65-79.	1.4	22
177	Three-prong. European Physical Journal C, 1998, 1, 65.	1.4	16
178	Measurement of the b baryon lifetime and branching fractions in Z decays. European Physical Journal C, 1998, 2, 197.	1.4	20
179	An upper limit on the. European Physical Journal C, 1998, 2, 395.	1.4	52
180	Searches for charginos and neutralinos in e. European Physical Journal C, 1998, 2, 417.	1.4	3

#	ARTICLE	IF	CITATIONS
181	K^0_S . European Physical Journal C, 1998, 4, 29.	1.4	19
182	Study of. European Physical Journal C, 1998, 4, 367.	1.4	11
183	Observation of doubly-charmed B decays at LEP. European Physical Journal C, 1998, 4, 387.	1.4	19
184	Measurement of the axial-vector. European Physical Journal C, 1998, 4, 409.	1.4	262
185	Search for supersymmetry with a dominant R-parity violating. European Physical Journal C, 1998, 4, 433.	1.4	11
186	Measurement of the fraction of hadronic Z decays into charm quark pairs. European Physical Journal C, 1998, 4, 557.	1.4	6
187	Search for evidence of compositeness at LEP I. European Physical Journal C, 1998, 4, 571.	1.4	14
188	A measurement of the semileptonic branching ratio. European Physical Journal C, 1998, 5, 205.	1.4	16
189	A measurement of Rb using a lifetime-mass tag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 150-162.	1.5	35
190	A measurement of Rb using mutually exclusive tags. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 163-175.	1.5	30
191	Search for the Bc meson in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 402, 213-226.	1.5	20
192	Search for pair-production of long-lived heavy charged particles in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 379-388.	1.5	23
193	Search for the neutral Higgs bosons of the MSSM in e^+e^- collisions at from 130 to 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 173-188.	1.5	28
194	Measurement of the transverse spin correlations in the decay $Z \rightarrow \tau^+ \tau^-$. Nuclear Physics, Section B, Proceedings Supplements, 1997, 55, 33-40.	0.5	0
195	Studies of QCD in $\{m e^+ e^-\}$ hadrons at $E_{cm} = 130$ and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 409-420.	1.5	43
196	Transverse momentum correlations in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 421-432.	1.5	1
197	Improved measurement of the $B^0_d - \overline{B}^0_d$ oscillation frequency. Zeitschrift für Physik C-Particles and Fields, 1997, 75, 397-407.	1.5	23
198	Production of orbitally excited charm mesons in semileptonic B decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 601-612.	1.5	58

#	ARTICLE	IF	CITATIONS
199	A study of S_u decays involving η and ω mesons. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 263-273.	1.5	54
200	A measurement of the QCD colour factors and a limit on the light gluino. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 1-14.	1.5	45
201	Measurement of the spectral functions of vector current hadronic tau decays. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 15-33.	1.5	140
202	The topology dependence of charged particle multiplicities in three-jet events. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 191-199.	1.5	12
203	Measurements of $ V_{cb} $, form factors and branching fractions in the decays and. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 395, 373-387.	1.5	66
204	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 399, 329-341.	1.5	30
205	Measurement of the W mass in e^+e^- collisions at production threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 347-362.	1.5	28
206	Measurement of the branching fraction for $D^0 \rightarrow K^+ K^- \pi^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 367-376.	1.5	12
207	Measurement of the transverse spin correlations in the decay $Z \rightarrow \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 191-201.	1.5	8
208	Search for sleptons in e^+e^- collisions at centre-of-mass energies of 161 GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 377-388.	1.5	9
209	Optimal observable to measure the imaginary component of the \tilde{I} , anomalous weak-magnetic dipole moment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 137-142.	1.5	2
210	Search for the Standard Model Higgs boson in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 155-172.	1.5	14
211	Updated measurement of the \tilde{I} , lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 362-372.	1.5	20
212	Searches for scalar top and scalar bottom quarks at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 431-446.	1.5	19
213	Measurement of the W-pair cross section in e^+e^- collisions at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 435-444.	1.5	7
214	Measurement of the. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 387.	1.5	5
215	Improved tau polarisation measurement. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 183-193.	1.5	14
216	First measurement of the quark-to-photon fragmentation function. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 365-377.	1.5	54

#	ARTICLE	IF	CITATIONS
217	Inclusive production of neutral vector mesons in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 379-392.	1.5	33
218	Production of excited beauty states in Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 393-404.	1.5	56
219	Measurement of D^+_{s1} meson production in Z decays and of the B^0_{s1} lifetime. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 585-595.	1.5	10
220	Measurement of the τ lepton lifetime. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 549-559.	1.5	10
221	Four-jet final state production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 179-197.	1.5	25
222	Mass limit for the lightest neutralino. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 549-559.	1.5	6
223	Improved measurement of the B^0 and B^+ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	14
224	Four-jet final state production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 179-197.	1.5	6
225	Determination of $\sin^2 \theta_w^{\text{eff}}$ using jet charge measurements in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 357-378.	1.5	6
226	Measurement of the $\hat{\rho}_b$ polarization in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 437-447.	1.5	41
227	Search for supersymmetric particles in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 373, 246-260.	1.5	58
228	Measurement of $\hat{\rho}_b$ polarization from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 319-330.	1.5	106
229	Study of the B_s^0 oscillation frequency using $D_s^+ \rightarrow \bar{a}_1^+ + \dots$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 205-221.	1.5	32
230	Measurement of hadron and lepton-pair production from e^+e^- annihilation at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 378, 373-384.	1.5	20
231	The effect of the masses of the \tilde{l}_\pm decay products on the transverse spin correlation in $\tilde{l}_\pm, \tilde{l}_\pm^*$ production at the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 277-282.	1.5	6
232	Measurement of the mass of the $\hat{\rho}_b$ baryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 442-452.	1.5	12
233	Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 427-438.	1.5	35
234	Quark and gluon jet properties in symmetric three-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 353-364.	1.5	40

#	ARTICLE	IF	CITATIONS
235	Search for charginos and neutralinos with R-parity violation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 461-470.	1.5	7
236	Strange b baryon production and lifetime in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 449-460.	1.5	30
237	Measurement of the b forward-backward asymmetry and mixing using high-p _T leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 414-426.	1.5	10
238	Search for CP violation in the decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 365-376.	1.5	10
239	Search for heavy lepton pair production in e ⁺ e ⁻ collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 439-448.	1.5	15
240	Observation of charmless hadronic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 471-480.	1.5	14
241	A study of single and multi-photon production in e ⁺ e ⁻ collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 333-342.	1.5	18
242	Search for excited leptons at 130-140 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 445-453.	1.5	22
243	Four-fermion production in e ⁺ e ⁻ collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 419-430.	1.5	3
244	Charm counting in b decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 648-658.	1.5	16
245	Improved measurement of the B ⁰ and B ⁺ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	8
246	Performance of the ALEPH detector at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 481-506.	0.7	322
247	First measurement of the quark-to-photon fragmentation function. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 365-377.	1.5	5
248	Inclusive production of neutral vector mesons in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 379-392.	1.5	2
249	Measurement of D ^s + meson production in Z decays and of the B ^s lifetime. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 585-595.	1.5	1
250	Measurement of the branching ratio and an upper limit on. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 444-452.	1.5	61
251	A study of production in semileptonic B decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 103-114.	1.5	20
252	Study of the subjet structure of quark and gluon jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 389-398.	1.5	30

#	ARTICLE	IF	CITATIONS
253	Search for CP violation in the decay $Z \rightarrow \tau^+ \bar{\nu}_\tau + \bar{\nu}_\tau \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 371-378.	1.5	22
254	Michel parameters and $\bar{\nu}_\tau$ neutrino helicity from decay correlations in $Z \rightarrow \tau^+ \bar{\nu}_\tau + \bar{\nu}_\tau \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 379-388.	1.5	16
255	An upper limit for the $\bar{\nu}_\tau$ neutrino mass from $\bar{\nu}_\tau \tau^+ \rightarrow \bar{\nu}_\tau \tau^+ \nu_\tau \bar{\nu}_\tau$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 585-596.	1.5	75
256	Search for supersymmetric particles with R-parity violation in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 238-252.	1.5	16
257	On the feasibility of measuring transverse spin effects in $\bar{\nu}_\tau + \bar{\nu}_\tau \tau^-$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 562-568.	1.5	4
258	The forward-backward asymmetry for charm quarks at the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 479-486.	1.5	9
259	Test of the flavour independence of $\hat{\Gamma}_{\pm s}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 381-393.	1.5	15
260	Measurement of the $D^0 \rightarrow \pi^+ \pi^-$ cross section in two photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 595-605.	1.5	26
261	Limit on B^0 s oscillation using a jet charge method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 409-422.	1.5	25
262	Measurement of $\hat{\Gamma}_{\pm s}$ from scaling violations in fragmentation functions in $e^+e^- \rightarrow \tau^+\tau^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 487-499.	1.5	55
263	Measurements of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 685-698.	1.5	20
264	Measurement of the effective b quark fragmentation function at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 699-714.	1.5	40
265	A measurement of $ V_{cb} $ from. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 236-248.	1.5	40
266	Measurement of the B_s^0 lifetime and production rate with $D_s^+ \bar{a}_1^-$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 221-233.	1.5	30
267	Study of the four-fermion final state at the Z resonance. Zeitschrift für Physik C-Particles and Fields, 1995, 66, 3-18.	1.5	15
268	HERA-B data acquisition system. , 0, , .		5