

Federico Sanchez

List of Publications by Year in descending order

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269
papers

12,605
citations

38742

50
h-index

29157

104
g-index

270
all docs

270
docs citations

270
times ranked

8540
citing authors

#	ARTICLE	IF	CITATIONS
1	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. <i>Physical Review Letters</i> , 2011, 107, 041801.	7.8	1,054
2	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006, 427, 257-454.	25.6	974
3	The T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 106-135.	1.6	585
4	Measurement of neutrino oscillation by the K2K experiment. <i>Physical Review D</i> , 2006, 74, .	4.7	498
5	Evidence for Muon Neutrino Oscillation in an Accelerator-Based Experiment. <i>Physical Review Letters</i> , 2005, 94, 081802.	7.8	375
6	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. <i>Physical Review Letters</i> , 2014, 112, 061802.	7.8	369
7	Performance of the ALEPH detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 360, 481-506.	1.6	322
8	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. <i>Nature</i> , 2020, 580, 339-344.	27.8	313
9	Measurement of the axial-vector. <i>European Physical Journal C</i> , 1998, 4, 409.	3.9	262
10	A measurement of the inclusive $b \rightarrow s \gamma$ branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 429, 169-187.	4.1	259
11	NuSTEC White Paper: Status and challenges of neutrino-nucleus scattering. <i>Progress in Particle and Nuclear Physics</i> , 2018, 100, 1-68.	14.4	206
12	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\theta_{13} = 9.1^\circ$ on target. <i>Physical Review D</i> , 2015, 91, .	4.7	205
13	Studies of Quantum Chromodynamics with the ALEPH detector. <i>Physics Reports</i> , 1998, 294, 1-165.	25.6	184
14	Time projection chambers for the T2K near detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 637, 25-46.	1.6	178
15	Precise Measurement of the Neutrino Mixing Parameter θ_{13} from Muon Neutrino Disappearance in an Off-Axis Beam. <i>Physical Review Letters</i> , 2014, 112, 181801.	7.8	168
16	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013, 87, .	4.7	165
17	Search for CP Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\theta_{13} = 9.1^\circ$ on Target. <i>Physical Review Letters</i> , 2018, 121, 171802.	7.8	165
18	Neutrino-nucleus quasi-elastic and $2p2h$ interactions up to 10 GeV . <i>Physical Review D</i> , 2013, 88, .	4.7	152

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37	Limits for the Central Production of $\bar{c}c$ -Pentaquarks in 920-GeV pA Collisions. Physical Review Letters, 2004, 93, 212003.	7.8	70
38	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.	4.1	66
39	Characterization of nuclear effects in muon-neutrino scattering on hydrocarbon with a measurement of final-state kinematics and correlations in charged-current pionless interactions at T2K. Physical Review D, 2018, 98, .	4.7	66
40	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.	3.9	64
41	Dual baseline search for muon antineutrino disappearance at $0.1 \text{ eV}^2 < \hat{m}^2 < 100 \text{ eV}^2$. Physical Review D, 2012, 86, .	4.7	64
42	Improved constraints on neutrino mixing from the T2K experiment with $\tan^2 \theta_{13} < 3.13$ on target. Physical Review D, 2021, 103, .	4.7	64
43	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.	4.1	61
44	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.	4.1	58
45	Production of orbitally excited charm mesons in semileptonic B decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 601-612.	1.5	58
46	Production of excited beauty states in Z^0 decays. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 393-404.	1.5	56
47	Measurement of $\hat{\Gamma}_{\pm}$ from scaling violations in fragmentation functions in e^+e^- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 487-499.	4.1	55
48	First measurement of the quark-to-photon fragmentation function. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 365-377.	1.5	54
49	A study of $\$au\$$ decays involving $\$eta\$$ and $\$omega\$$ mesons. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 263-273.	1.5	54
50	An upper limit on the. European Physical Journal C, 1998, 2, 395.	3.9	52
51	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	4.7	46
52	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
53	Improved Search for $\hat{\nu}_\tau$ Oscillation in a Long-Baseline Accelerator Experiment. Physical Review Letters, 2006, 96, 181801.	7.8	45
54	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

#	ARTICLE	IF	CITATIONS
55	Studies of QCD in e^+e^- hadrons at $\sqrt{s} = 130$ and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 409-420.	1.5	43
56	A Measurement of the $\hat{\sigma}^2$ to J/ψ production ratio in 920 GeV proton-nucleus interactions. European Physical Journal C, 2007, 49, 545-558.	3.9	43
57	Measurement of the σ^2 quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .		
58	Measurement of the \hat{b} polarization in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 437-447.	4.1	41
59	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.	4.1	40
60	A measurement of $ V_{cb} $ from. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 236-248.	4.1	40
61	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.	4.1	40
62	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, .	4.7	40
63	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.	4.1	39
64	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, .	4.7	39
65	Measurement of the inclusive σ^2 charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, .	4.7	38
66	Supernova Model Discrimination with Hyper-Kamiokande. Astrophysical Journal, 2021, 916, 15.	4.5	37
67	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.	4.1	36
68	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.	1.2	36
69	Measurement of the σ^2 charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	4.7	36
70	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.	4.1	35
71	A measurement of Rb using a lifetime-mass tag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 150-162.	4.1	35
72	The K2K SciBar detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 147-151.	1.6	34

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73	Inclusive production of neutral vector mesons in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 379-392.	1.5	33
74	Measurement of D^0 , D^+ , D_s^+ and D^{*+} production in fixed target 920 GeV proton-nucleus collisions. European Physical Journal C, 2007, 52, 531-542.	3.9	33
75	Measurement of inclusive neutral current $\bar{\nu}_e$ production on carbon in a few-GeV neutrino beam. Physical Review D, 2010, 81, .	4.7	33
76	Improved measurement of neutral current coherent $\bar{\nu}_e$ production on carbon in a few-GeV neutrino beam. Physical Review D, 2010, 81, .	4.7	33
77	First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector. Physical Review D, 2017, 95, .	4.7	33
78	Study of the B_s^0 oscillation frequency using $D_s^+ \rightarrow \bar{a}_1^+ +$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 205-221.	4.1	32
79	Angular distributions of leptons from J/ψ produced in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 517-524.	3.9	32
80	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	6.6	32
81	Testing charged current quasi-elastic and multinucleon interaction models in the NEUT neutrino interaction generator with published datasets from the MiniBooNE and MINERvA experiments. Physical Review D, 2016, 93, .	4.7	32
82	Comparison of Models of Neutrino-Nucleus Interactions. AIP Conference Proceedings, 2009, , .	0.4	31
83	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	7.8	31
84	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.	4.1	30
85	Measurement of the B_s^0 lifetime and production rate with $D_s^+ \rightarrow \bar{a}_1^+ +$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 221-233.	4.1	30
86	Strange b baryon production and lifetime in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 449-460.	4.1	30
87	A measurement of R_b using mutually exclusive tags. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 163-175.	4.1	30
88	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.	4.1	30
89	Measurement of triple gauge-boson couplings at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 369-383.	4.1	30
90	Measurements of the structure of quark and gluon jets in hadronic Z decays. European Physical Journal C, 2000, 17, 1-18.	3.9	30

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91	J/ψ production via $\tilde{\chi}_c$ decays in 920 GeV pA interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 61-72.	4.1	29
92	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.	4.1	28
93	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.	4.1	28
94	K^*0 and $\tilde{\chi}$ meson production in proton-nucleus interactions at $\sqrt{s}=41.6$ GeV. European Physical Journal C, 2007, 50, 315-328.	3.9	28
95	Measurement of the $D^* \rightarrow \tilde{\chi} \pm$ cross section in two photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 595-605.	4.1	26
96	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.	4.1	26
97	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.	1.6	26
98	Measurement of the ν_{μ} -CCQE cross section in the SciBooNE experiment. AIP Conference Proceedings, 2009, , .	0.4	26
99	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	4.7	26
100	A 4 tonne demonstrator for large-scale dual-phase liquid argon time projection chambers. Journal of Instrumentation, 2018, 13, P11003-P11003.	1.2	26
101	Determination of. European Physical Journal C, 1999, 6, 555.	3.9	26
102	Limit on B0s oscillation using a jet charge method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 409-422.	4.1	25
103	Four-jet final state production in $\{m e^+e^-\}$ 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
104	MicroBooNE: A New Liquid Argon Time Projection Chamber Experiment. AIP Conference Proceedings, 2009, , .	0.4	24
105	Measurement of Coherent $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$ Production in Low Energy Neutrino-Carbon Scattering. Physical Review Letters, 2016, 117, 192501.	4.8	24
106	The SuperFGD Prototype charged particle beam tests. Journal of Instrumentation, 2020, 15, P12003-P12003.	1.2	24
107	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, .	4.7	24
108	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.	4.1	23

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127	Search for the Bc meson in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 402, 213-226.	4.1	20
128	Updated measurement of the \tilde{l}_μ , lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 362-372.	4.1	20
129	Polarization of \tilde{l}_μ and \tilde{l}_τ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 362-372.	4.1	20
130	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation. Physical Review D, 2014, 90, .	4.1	20
131	Performances of a resistive Micromegas module for the Time Projection Chambers of the T2K Near Detector upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 957, 163286.	4.7	20
132	Measurement of the b baryon lifetime and branching fractions in Z decays. European Physical Journal C, 1998, 2, 197.	1.6	20
133	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.	3.9	20
134	Search for Lorentz and C violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	4.1	19
135	$\$K^0_{S\$}$. European Physical Journal C, 1998, 4, 29.	4.7	19
136	Observation of doubly-charmed B decays at LEP. European Physical Journal C, 1998, 4, 387.	3.9	19
137	A study of single and multi-photon production in $e+e\hat{\nu}$ 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.	4.1	18
138	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.	4.1	18
139	First Measurement of Muon Neutrino Charged Current Quasielastic (CCQE) Double Differential Cross Section. AIP Conference Proceedings, 2009, , .	0.4	17
140	Measurement of K^+ production cross section by 8 GeV protons using high-energy neutrino interactions in the SciBooNE detector. Physical Review D, 2011, 84, .	4.7	17
141	Search for charginos and neutralinos in e. European Physical Journal C, 1999, 11, 193.	3.9	17
142	Michel parameters and \tilde{l}_μ , neutrino helicity from decay correlations in $Z \rightarrow \tilde{l}_\mu, \tilde{l}_\tau$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 379-388.	4.1	16
143	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.	4.1	16
144			

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145	Charm counting in b decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 648-658.	4.1	16
146	Cryogenic R5912-20Mod photomultiplier tube characterization for the ProtoDUNE dual phase detector. Journal of Instrumentation, 2018, 13, T10006-T10006.	1.2	16
147	Three-prong. European Physical Journal C, 1998, 1, 65.	3.9	16
148	A measurement of the semileptonic branching ratio. European Physical Journal C, 1998, 5, 205.	3.9	16
149	Test of the flavour independence of $\Gamma_{\pm s}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 381-393.	4.1	15
150	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
151	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.	4.1	15
152	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.	4.1	15
153	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.	4.1	15
154	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.	4.1	15
155	Inclusive V production cross sections from 920 GeV fixed target proton-nucleus collisions. European Physical Journal C, 2003, 29, 181-190.	3.9	15
156	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{ rays}$. Physical Review D, 2019, 100, .	4.7	15
157	Improved tau polarisation measurement. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 183-193.	1.5	14
158	Improved measurement of the B^0 and B^+ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	14
159	Observation of charmless hadronic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 471-480.	4.1	14
160	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.	4.1	14
161	Improved measurement of the $b\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physical Review D, 2006, 73, .	4.7	14
162	Search for short baseline ν_e disappearance with the T2K near detector. Physical Review D, 2015, 91, .	4.7	14

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163	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
164	Measurement of the charged-current electron (anti-)neutrino inclusive cross-sections at the T2K off-axis near detector ND280. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
165	Search for evidence of compositeness at LEP I. European Physical Journal C, 1998, 4, 571.	3.9	14
166	Measurement of inclusive $\bar{\nu}_e$ production in the charged-current interactions of neutrinos in a 1.3-GeV wide band beam. Physical Review D, 2011, 83, .	4.7	13
167	Exclusive-final-state hadron observables from neutrino-nucleus multinucleon knockout. Physical Review C, 2020, 102, .	2.9	13
168	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	7.8	13
169	Measurement of the mass of the Λ_b baryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 442-452.	4.1	12
170	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
171	Measurement of the branching fraction for $D^0 \rightarrow K^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 367-376.	4.1	12
172	Inclusive and exclusive neutrino-nucleus cross sections and the reconstruction of the interaction kinematics. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
173	Determination of A_{FB}^b using jet charge measurements in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 217-230.	4.1	11
174	T2K measurements of muon neutrino and antineutrino disappearance using 3.13×10^{10} protons on target. Physical Review D, 2021, 103, .	4.7	11
175	Study of. European Physical Journal C, 1998, 4, 367.	3.9	11
176	Search for supersymmetry with a dominant R-parity violating. European Physical Journal C, 1998, 4, 433.	3.9	11
177	Measurement of $D_s^+ \rightarrow \rho^0 \pi^+$ meson production in Z decays and of the $B^0 \rightarrow \rho^0 \pi^0$ lifetime. Zeitschrift für Physik C-Particles and Fields, 1996, 69, 585-595.	1.5	10
178	Measurement of the τ lepton lifetime. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 549-559.	1.5	10
179	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.	4.1	10
180	Search for CP violation in the decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 365-376.	4.1	10

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181	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ detector. Physical Review D, 2015, 91, .	4.7	10
182	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.	3.6	10
183	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.	4.1	9
184	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.	4.1	9
185	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.	4.1	9
186	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.	4.1	9
187	Experimental study of the atmospheric neutrino backgrounds for e^+ searches in water Cherenkov detectors. Physical Review D, 2008, 77, .	4.7	9
188	Measurement of $\hat{1}/2\hat{A}\hat{1}/4$ and $\hat{1}/2\hat{1}/4$ charged current inclusive cross sections and their ratio with the T2K off-axis near detector. Physical Review D, 2017, 96, .	4.7	9
189	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, .	4.7	9
190	Benchmarking intranuclear cascade models for neutrino scattering with relativistic optical potentials. Physical Review C, 2022, 105, .	2.9	9
191	Measurement of the transverse spin correlations in the decay $Z \rightarrow \tau^+ \bar{\nu}_\tau + \tau^-, \hat{a}^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 191-201.	4.1	8
192	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.	4.1	8
193	Measurement of triple gauge $WW\hat{1}^3$ couplings at LEP2 using photonic events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 445, 239-248.	4.1	8
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