

Andrea Longhin

List of Publications by Year in descending order

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263
papers

10,156
citations

46918

47
h-index

42291

92
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269
all docs

269
docs citations

269
times ranked

8306
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of resistive Micromegas detectors for the upgrade of the T2K Near Detector Time Projection Chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166109.	0.7	9
2	The ENUBET experiment. International Journal of Modern Physics A, 2022, 37, .	0.5	1
3	T2K measurements of muon neutrino and antineutrino disappearance using $\langle \sigma_{\nu p} \rangle$ and $\langle \sigma_{\nu n} \rangle$ on target. Physical Review D, 2021, 103, .	1.6	11
4	Design and Diagnostics of High-Precision Accelerator Neutrino Beams. Applied Sciences (Switzerland), 2021, 11, 1644.	1.3	5
5	Measurements of $\langle \sigma_{\nu p} \rangle$ and $\langle \sigma_{\nu n} \rangle$ charged-current cross-sections without detected pions or protons on water and hydrocarbon at a mean anti-neutrino energy of 0.86 GeV. Progress of Theoretical and Experimental Physics, 2021, 2021, .	1.8	6
6	First T2K measurement of transverse kinematic imbalance in the muon-neutrino charged-current single- μ production channel containing at least one proton. Physical Review D, 2021, 103, .	1.6	7
7	Improved constraints on neutrino mixing from the T2K experiment with $\langle \sigma_{\nu p} \rangle$ and $\langle \sigma_{\nu n} \rangle$ on target. Physical Review D, 2021, 103, .	1.6	64
8	OPERA tau neutrino charged current interactions. Scientific Data, 2021, 8, 218.	2.4	3
9	A New Generation of Neutrino Cross Section Experiments: Challenges and Opportunities. Symmetry, 2021, 13, 1625.	1.1	7
10	ENUBET: a monitored neutrino beam for the precision era of neutrino physics. Journal of Physics: Conference Series, 2021, 2156, 012234.	0.3	0
11	The ENUBET ERC project for an instrumented decay tunnel for future neutrino beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162162.	0.7	0
12	Polysiloxane-based scintillators for shashlik calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 956, 163379.	0.7	11
13	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.	0.7	20
14	Silicon Photomultipliers for the decay tunnel instrumentation of the ENUBET neutrino beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 983, 164482.	0.7	1
15	The ENUBET positron tagger prototype: construction and testbeam performance. Journal of Instrumentation, 2020, 15, P08001-P08001.	0.5	10
16	First observation of a tau neutrino charged current interaction with charm production in the OPERA experiment. European Physical Journal C, 2020, 80, 1.	1.4	3
17	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.	1.6	14
18	Decay tunnel instrumentation for the ENUBET neutrino beam. Journal of Instrumentation, 2020, 15, C05059-C05059.	0.5	0

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19	First measurement of the charged current $\nu_{\mu}e$ differential cross section on a water target without pions in the final state. 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	First combined measurement of the muon neutrino and antineutrino charged-current cross section without pions in the final state at T2K. Physical Review D, 2020, 101, .	1.6	21
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	Study of proton parton distribution functions at high x using ZEUS data. Physical Review D, 2020, 101, .	1.6	5
24	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	13.7	313
25	A high precision narrow-band neutrino beam: The ENUBET project. International Journal of Modern Physics A, 2020, 35, 2044017.	0.5	1
26	Shashlik calorimeters for the ENUBET tagged neutrino beam. Journal of Physics: Conference Series, 2019, 1162, 012032.	0.3	0
27	Shashlik calorimeters: Novel compact prototypes for the ENUBET experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 148-149.	0.7	2
28	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
29	Measurement of the cosmic ray muon flux seasonal variation with the OPERA detector. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 003-003.	1.9	12
30	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
31	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. Journal of Instrumentation, 2019, 14, P02029-P02029.	0.5	17
32	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	1.6	46
33	Limits on contact interactions and leptoquarks at HERA. Physical Review D, 2019, 99, .	1.6	8
34	Charm production in charged current deep inelastic scattering at HERA. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
35	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
36	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\nu_{\mu}e$ rays. Physical Review D, 2019, 100, .	1.6	15

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37	Final results on neutrino oscillation parameters from the OPERA experiment in the CNGS beam. Physical Review D, 2019, 100, .	1.6	9
38	Latest results of the OPERA experiment on nu-tau appearance in the CNGS neutrino beam. , 2019, , .		1
39	Study of charged hadron multiplicities in charged-current neutrino lead interactions in the OPERA detector. European Physical Journal C, 2018, 78, 1.	1.4	9
40	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	1.6	4
41	Status of the ENUBET project. Journal of Physics: Conference Series, 2018, 1056, 012047.	0.3	0
42	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 2.2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \bar{\Delta} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 21 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ Protons on Target. Physical Review Letters, 2018, 121, 171802.	2.9	165
43	Combination and QCD analysis of charm and beauty production cross-section measurements in deep inelastic ep scattering at HERA. European Physical Journal C, 2018, 78, 1.	1.4	49
44	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	77
45	Final Results of the OPERA Experiment on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{1}/2 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \bar{I}, \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ Appearance in the CNGS Neutrino Beam. Physical Review Letters, 2018, 120, 211801.	2.9	91
46	Further studies of isolated photon production with a jet in deep inelastic scattering at HERA. Journal of High Energy Physics, 2018, 2018, 1.	1.6	3
47	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. Journal of Instrumentation, 2018, 13, P01028-P01028.	0.5	15
48	Final results of the search for $\hat{1}/2 \hat{1}/4 \hat{\alpha} \hat{1}' \hat{1}/2e$ oscillations with the OPERA detector in the CNGS beam. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
49	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
50	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, .	1.6	66
51	A fully-active fine-grained detector with three readout views. Journal of Instrumentation, 2018, 13, P02006-P02006.	0.5	37
52	Longitudinally segmented shashlik calorimeters with SiPM readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 511-514.	0.7	2
53	Shashlik Calorimeters With Embedded SiPMs for Longitudinal Segmentation. IEEE Transactions on Nuclear Science, 2017, 64, 1056-1061.	1.2	24
54	Search for Lorentz and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	1.6	19

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55	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, .	1.6	33
56	Studies of the diffractive photoproduction of isolated photons at HERA. Physical Review D, 2017, 96, .	1.6	2
57	Updated T2K measurements of muon neutrino and antineutrino disappearance using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mn} \rangle 1.5 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \tilde{\Delta} - \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ protons on target. Physical Review D, 2017, 96, .	1.6	23
58	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. Physical Review Letters, 2017, 118, 151801.	2.9	146
59	Search for sterile neutrinos in muon neutrino disappearance mode at FNAL. European Physical Journal C, 2017, 77, 1.	1.4	1
60	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{1}^{1/2} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ interactions at the far detector. Physical Review D, 2017, 96, .	1.6	95
61	Running of the charm-quark mass from HERA deep-inelastic scattering data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 233-238.	1.5	14
62	Measurement of $\hat{1}^{1/2} \hat{1}^{1/4}$ and $\hat{1}^{1/2} \hat{1}^{1/4}$ charged current inclusive cross sections and their ratio with the T2K off-axis near detector. Physical Review D, 2017, 96, .	1.6	9
63	Longitudinally segmented shashlik calorimeters with SiPM embedded readout. , 2017, , .		0
64	New results from T2K. EPJ Web of Conferences, 2017, 164, 01017.	0.1	2
65	Longitudinally segmented shashlik calorimeters with SiPM readout: The SCENTT experiment. , 2016, , .		0
66	Determination of the muon charge sign with the dipolar spectrometers of the OPERA experiment. Journal of Instrumentation, 2016, 11, P07022-P07022.	0.5	2
67	A compact light readout system for longitudinally segmented shashlik calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 345-354.	0.7	24
68	Measurement of the cross-section ratio $\hat{1}^f \hat{1}^r(2S) / \hat{1}^f \hat{1}^r(1S)$ in deep inelastic exclusive ep scattering at HERA. Nuclear Physics B, 2016, 909, 934-953.	0.9	13
69	Upper bound on neutrino mass based on T2K neutrino timing measurements. Physical Review D, 2016, 93, .	1.6	2
70	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of $1 \hat{1}^{\epsilon} 3 \hat{1}^{\text{A}} \text{GeV}$ with the T2K INGRID detector. Physical Review D, 2016, 93, .	1.6	14
71	Combined QCD and electroweak analysis of HERA data. Physical Review D, 2016, 93, .	1.6	11
72	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	2.9	31

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73	Measurement of double-differential muon neutrino charged-current interactions on C8H8 without pions in the final state using the T2K off-axis beam. Physical Review D, 2016, 93, . Search for a narrow baryonic state decaying to $\pi^0 \rho^0$	1.6	77
74	Measurement of $\pi^0 \rho^0$ production in low energy neutrino-carbon scattering. Physical Review Letters, 2016, 117, 192501.	1.5	2
75	Production in Low Energy Neutrino-Carbon Scattering. Physical Review Letters, 2016, 117, 192501.	1.9	2
76	Gas mixture studies for streamer operated Resistive Plate Chambers. Journal of Instrumentation, 2016, 11, C06001-C06001.	0.5	8
77	Limits on the effective quark radius from inclusive ep scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 468-472.	1.5	10
78	A new-concept calorimeter for future neutrino beams based on Kaon tagging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 693-694.	0.7	0
79	Production of exclusive dijets in diffractive deep inelastic scattering at HERA. European Physical Journal C, 2016, 76, 1.	1.4	10
80	Summary of session III: oscillations at high energies. Nuclear and Particle Physics Proceedings, 2015, 265-266, 346-351.	0.2	0
81	The OPERA experiment. Nuclear and Particle Physics Proceedings, 2015, 267-269, 87-93.	0.2	0
82	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	1.8	32
83	Combination of measurements of inclusive deep inelastic e^+p scattering cross sections and QCD analysis of HERA data. European Physical Journal C, 2015, 75, 1.	1.4	383
84	Discovery of $\bar{\nu}_\mu$ Neutrino Appearance in the CNGS Neutrino Beam with the OPERA Experiment. Physical Review Letters, 2015, 115, 121802.	2.9	132
85	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\sigma_{\nu N} > 6.6 \times 10^{-44} \text{ cm}^2$ on target. Physical Review D, 2015, 91, .	1.6	205
86	Measurement of the ν_μ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	1.6	36
87	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 detector. Physical Review D, 2015, 91, .	1.6	10
88	Measurement of the ν_μ quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	1.6	1
89	Combination of differential $\hat{\sigma}^{\nu p}$ cross-section measurements in deep-inelastic ep scattering at HERA. Journal of High Energy Physics, 2015, 2015, 1.	1.6	4
90	Limits on muon-neutrino to tau-neutrino oscillations induced by a sterile neutrino state obtained by OPERA at the CNGS beam. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17

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91	Results from the OPERA experiment at the CNGS beam. Journal of Physics: Conference Series, 2015, 631, 012056.	0.3	0
92	A novel technique for the measurement of the electron neutrino cross section. European Physical Journal C, 2015, 75, 1.	1.4	36
93	Large-Angle Scattering of Multi-GeV Muons on Thin Lead Targets. IEEE Transactions on Nuclear Science, 2015, 62, 2216-2225.	1.2	14
94	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. Progress of Theoretical and Experimental Physics, 2015, 2015, 53C02-0.	1.8	157
95	Improving the detection efficiency in nuclear emulsion trackers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 776, 45-49.	0.7	4
96	Search for short baseline ν_e disappearance with the T2K near detector. Physical Review D, 2015, 91, .	1.6	14
97	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. Physical Review Letters, 2014, 113, 241803.	2.9	44
98	Measurement of beauty and charm production in deep inelastic scattering at HERA and measurement of the beauty-quark mass. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
99	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	1.6	26
100	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ rays. Physical Review D, 2014, 90, .	1.6	20
101	Deep inelastic cross-section measurements at large $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle y \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ with the ZEUS detector at HERA. Physical Review D, 2014, 90, .	1.6	30
102	Evidence for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}^{3/2} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}^{3/4} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ in the CNGS neutrino beam with the OPERA experiment. Physical Review D, 2014, 89, .	1.6	33
103	Neutrino super beam based on a superconducting proton linac. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	14
104	Measurement of $D^0 \rightarrow \pi^+ \pi^-$ photoproduction at three different centre-of-mass energies at HERA. Journal of High Energy Physics, 2014, 2014, 1.	1.6	1
105	Measurement of beauty and charm production in deep inelastic scattering at HERA and measurement of the beauty-quark mass. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
106	Observation of tau neutrino appearance in the CNGS beam with the OPERA experiment. Progress of Theoretical and Experimental Physics, 2014, 2014, 101C01-101C01.	1.8	37
107	Measurement of neutral current e^+e^- cross sections at high Bjorken x with the ZEUS detector. Physical Review D, 2014, 89, .	1.6	6
108	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	2.9	369

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109	Measurement of the inclusive $\langle \sigma_{\text{ch}} \rangle$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, .	1.6	38
110	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
111	Measurement of the TeV atmospheric muon charge ratio with the complete OPERA data set. European Physical Journal C, 2014, 74, 1.	1.4	21
112	Procedure for short-lived particle detection in the OPERA experiment and its application to charm decays. European Physical Journal C, 2014, 74, 1.	1.4	31
113	Further studies of the photoproduction of isolated photons with a jet at HERA. Journal of High Energy Physics, 2014, 2014, 1.	1.6	3
114	Photoproduction of isolated photons, inclusively and with a jet, at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 293-301.	1.5	10
115	Recent Results from the T2K Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 246-247, 23-28.	0.5	2
116	Measurement of $D^* \Lambda_{\pm}$ production in deep inelastic scattering at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
117	Measurement of $D \Lambda_{\pm}$ production in deep inelastic ep scattering with the ZEUS detector at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
118	Measurement of inelastic J/ψ and $\Upsilon(2S)$ photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
119	Measurement of the neutrino velocity with the OPERA detector in the CNGS beam using the 2012 dedicated data. Journal of High Energy Physics, 2013, 2013, 1.	1.6	21
120	Addendum: search for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
121	Search for $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	1.6	58
122	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	1.6	165
123	Measurement of the inclusive $\langle \sigma_{\text{ch}} \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	1.6	94
124	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	2.9	79
125	Measurement of charm fragmentation fractions in photoproduction at HERA. Journal of High Energy Physics, 2013, 2013, 1.	1.6	23
126	CP violation and mass hierarchy at medium baselines in the large θ_{13} era. European Physical Journal C, 2013, 73, 1.	1.4	5

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127	New results on $\hat{1}/2 \hat{1}/4 \hat{\alpha}^{\dagger} \hat{1}/2 \hat{\bar{I}}$, appearance with the OPERA experiment in the CNGS beam. Journal of High Energy Physics, 2013, 2013, 1.	1.6	51
128	A fast automatic plate changer for the analysis of nuclear emulsions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 716, 96-100.	0.7	2
129	An integrated system for large scale scanning of nuclear emulsions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 703, 204-212.	0.7	13
130	Production of the excited charm mesons and at HERA. Nuclear Physics B, 2013, 866, 229-254.	0.9	13
131	Production of $\langle \text{mml:math altimg="sl1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:tbl_info="http://www.elsevier.com" \rangle$	1.5	6
132	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	1.4	134
133	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	1.6	116
134	An Appraisal of Muon Neutrino Disappearance at Short Baseline. Advances in High Energy Physics, 2013, 2013, 1-11.	0.5	5
135	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, .	1.6	40
136	High intensity neutrino oscillation facilities in Europe. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	25
137	Measurement of high- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle Q \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ neutral current deep inelastic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold"} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ scattering cross sections with a longitudinally polarized positron beam at HERA. Physical Review D, 2013, 87, .	1.6	18
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